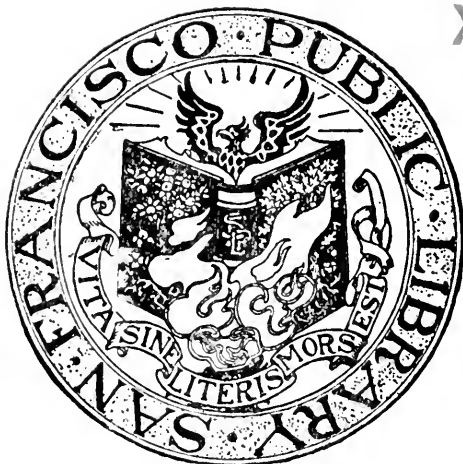


SAN FRANCISCO HISTORY ROOM



BOOK NO.

ACCESSION

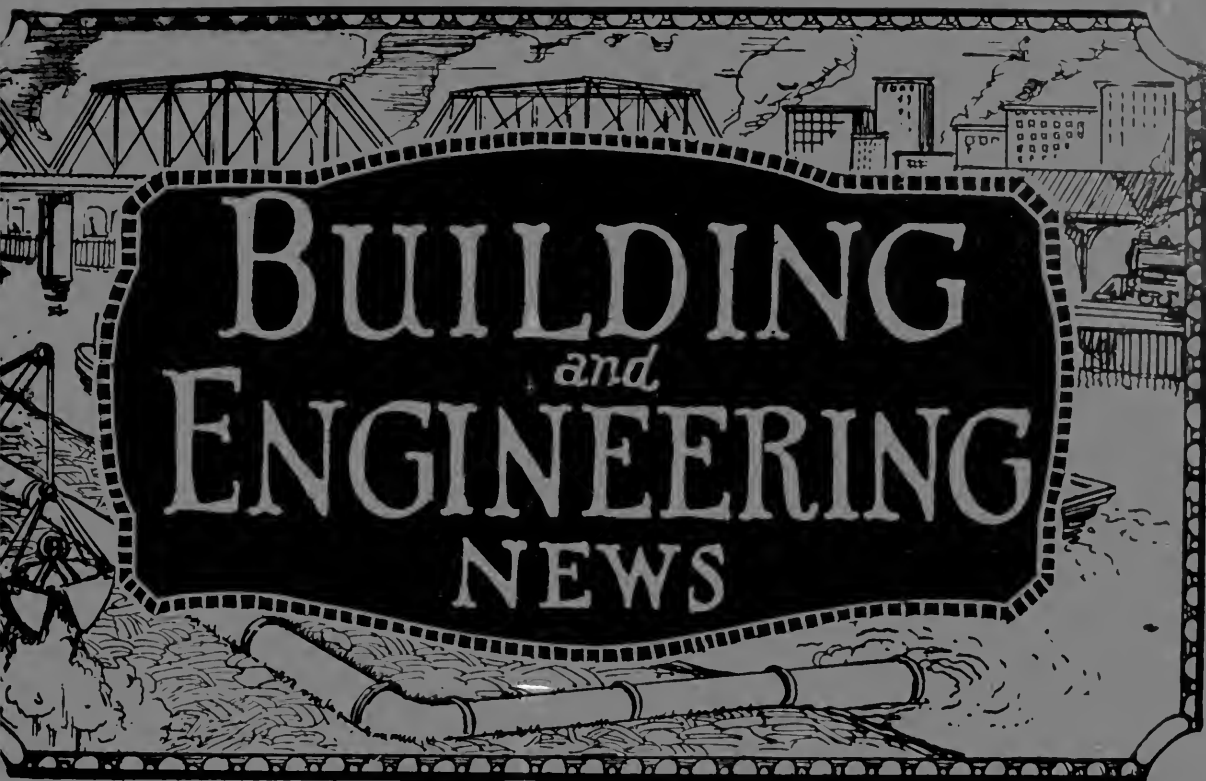
*f690.5 B86²⁸₁

284140

NOT TO BE TAKEN FROM THE LIBRARY

~~ENTOMOLOGICAL DEPARTMENT~~

Digitized by the Internet Archive
in 2010 with funding from
San Francisco Public Library



Publication Office
Mission Street

SAN FRANCISCO, CALIF., JANUARY 7, 1928

Published Every Saturday
Twenty-seventh Year No. 54

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco
Oakland Savings Bank

Central Bank, Oakland
New Subway Terminal Building, Los Angeles

New Mark Hopkins Hotel, San Francisco

Federal Reserve Bank, San Francisco

New Hunter-Doolin Building, San Francisco

New Russ Building, San Francisco

Pacific Telephone and Telegraph Building, San Francisco

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

xf 690.5
386 28 284140
7

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JANUARY 7, 1928

Twenty-seventh Year No. 54



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

PROHIBITION LAW CREATES NEW DEPARTURE IN ARCHITECTURE

Prohibition has made such pronounced
changes in the life of San Francisco
that it has even altered the design of
residential hotels, architects announce.

Time was when each hotel, on its up-
per floors, was just one room and bath
after another.

Then came prohibition. Cost of refin-
ishing furniture that was damaged by
the action of raw liquor spilled upon
table and dresser tops led at first to the
general use of glass tops on all furniture
in the better class buildings.

But the rugs and hardwood floors
were not immune.

The result has been the apartment
hotel. There had been hotel apartments
in the pre-Volsteadian days. The apart-
ment hotel, however, is an idea put into
use here during the last year, and now
several such places have opened and
more are being planned. These have the
customary room-and-bath arrangement,
but in each room there is added a cabinet
kitchen.

This new type of kitchen looks like a
built-in wardrobe when closed. Opened,
it reveals a tiled sink, an electrical re-
frigeration unit, several electric conven-
ience plugs, and, above, several cabi-
nets and shelves conveniently placed.

"Just the thing for a hurried break-
fast," explains the clerk showing the
room. "You can plug in your percolator
here and your waffle iron here, and then
you know there are various appliances
now for frying and boiling by electricity."

"A good line," chuckles the average
room-hunter up his sleeve. He gets the
idea at once. "Mighty handy for mixing
fizzes and cocktails. Don't have to send
out for ice, can always have the ingredi-
ents cold, and I can serve right here
instead of having friends park glasses
and liquor stains all over the place."—
S. F. Bulletin.

1927 BUILDING OPERATIONS IN S. F. ROLL UP \$47,032,848 TOTAL

BY THE OBSERVER

Building operations undertaken in San
Francisco during the year 1927 repre-
sented an expenditure of approximately
\$47,032,848. The figures are taken from
records of building permits issued by
the Department of Public Works and
are approximate only. During the year
9,182 building permits were issued in-
cluding building repair and additions as
well as new structures.

Show Loss

The 1927 total is \$10,921,100 less than
those for the year 1926. The highest
yearly valuation for building construction
in San Francisco was recorded in 1926,
with a total of \$57,952,948 when 10,085
building permits were issued. The next
best year was that of 1924 when the
operations totaled \$37,852,973, when 10,-
272 permits were issued. During 1925,
records show, 11,087 permits were granted
for improvements aggregating an expendi-
ture of \$50,392, 793.

December Building

December, 1927, operations are segre-
gated by the City Building Permit De-
partment as follows:

Class	No. of Permits	Est. cost
A	1	\$ 20,000
C	12	278,350
Frames	204	1,286,955
Alterations	394	996,710

TOTAL 611 \$2,582,015
December, 1926, totals were 756 permits
for improvements aggregating an expendi-
ture of \$5,066,659.

Outlook for 1928

Projects contemplated for the year
1928 will involve an expenditure exceed-
ing that for the year 1927. A conser-

vative estimate places the cost of 1928
construction in excess of \$60,000,000.

This prediction is made possible after
a careful check-up of those projects on
the boards in the offices of San Fran-
cisco architects and on a few projects
where architects will be commissioned
shortly.

Many big jobs will go ahead during the
coming year of which no announcement
will be made until plans have passed the
preliminary stages and negotiations for
sites and financing have been completed.

Total sums for annual building opera-
tions in San Francisco for the past
twenty-one years are summarized as
follows: (these figures are compiled from
building permit records:

*1906.....	5,686	\$39,947,386
1907.....	6,437	56,578,844
1908.....	6,729	51,668,341
1909.....	5,773	26,184,068
1910.....	5,690	20,508,556
1911.....	6,079	20,915,474
1912.....	6,316	23,338,563
1913.....	5,606	21,037,264
1914.....	5,907	28,177,563
1915.....	6,461	13,990,794
1916.....	6,492	18,837,173
1917.....	5,513	15,635,319
1918.....	3,688	7,924,319
1919.....	5,263	15,163,242
1920.....	5,626	26,729,992
1921.....	6,313	22,244,672
1922.....	8,078	45,327,206
1923.....	9,856	46,676,079
1924.....	10,272	57,852,973
1925.....	11,087	50,392,793
1926.....	10,085	57,953,948

*Covers period from May to December.
Records previous to that time destroyed
in catastrophe of April 18, 1906.

EUROPEAN CEMENTATION PROCESS IS INTRODUCED IN UNITED STATES

In Europe and more particularly in Great
Britain, a cementation process has been
developed by the Francois Cementation
Co., and used on many wet shaft sinking
operations. The term cementation is
applied to high pressure injections of
liquid cement mixture into cavities, fis-
sures, pores or cracks so that they are
completely filled, rendering the rock
structure impermeable to water. This
process has recently been introduced and
is now being employed in the United
States by the Dravo Contracting Co.,
Pittsburgh, Pa. Major J. S. Crawhall
has recently come from England to join
the staff of the Dravo Contracting Co.,
as an expert on the cementation work.

It is reported that the Francois com-
pany is employed on such work in Eu-
rope as the restoration of St. Paul's
Cathedral, the Mersey Tunnel, and the
London tube subways. The Dravo Con-
tracting Co., states in its announcement
that while ordinary grouting has been
and still is a very useful aid in engi-
neering work, its application is limited,
and that those engineers who have had
long experience in grouting have been

the first to recognize the possibilities of
cementation in greater elasticity and
efficiency.

An important feature of the Francois
process is that a continuous stream of
grout is pumped into the fissures at
pressures ranging up to 3,000 pounds
per sq.in. The fissures are rendered
more tractable to the reception of grout
by the lubrication action of a patented
chemical process so that, it is claimed,
the finest hair cracks are sealed. In
mining, the method is principally applied
to shaft-sinking, tunnel driving through
water-bearing or loose ground, sealing
leakages in existing shafts and tunnels
and in the construction of water-tight
mine dams. In the civil engineering field
cementation is said to be even more
extensive. Apart from tunnels and shafts
in wet ground, the process is claimed
to have proved sound and economical
in preparing the underlying rock for
reservoir construction and in avoiding
deep core wall trenches. It has also
been used in sealing leakages in existing
reservoirs and culverts, in the conversion
of gravels into concrete, and in the con-
solidation of defective foundations.

BUSINESS OUTLOOK IMPROVED - SAYS U. OF C. ECONOMICS PROFESSOR

The year 1928 will be one of fair prosperity in general business, and the total volume of transactions for the United States as a whole during the first half of the new year is expected to be about 4 per cent above the corresponding period of 1927, according to Dr. Norman J. Silberling, associate professor of economics of the University of California.

Definite forecasts as to whether or not the immediate future will be prosperous in general or in a given community are made by Dr. Silberling, whose unique statistical methods of studying economic conditions have led to the establishment of an economic research laboratory known as the Silberling Business Service.

The "probable range" which general or local business will follow during the coming year, as prepared by Silberling and his staff, is based on the ratio of supply and demand for bank credit, and has for many years proved to be within a small percentage of absolute accuracy.

There are four distinct types of change which must be studied in interpreting business movements, according to Silberling. Changes due to growth cause a gradual trend upward, but there is also a cyclic movement, which causes a speeding up or lessening of the upward trend.

"Still another form of change which is encountered is the seasonal fluctuation," says Dr. Silberling. "This is relatively simple and familiar, yet it has taken science a long time to provide business with accurate instruments for measuring these changes arising from the regular changes in the weather and the buying habits of the people, and thus to carefully determine cyclic conditions after allowing for this factor."

Accidental changes, due to wars, earthquakes and other occasional major

disturbances, are of rare occurrence as far as the United States is concerned, according to Dr. Silberling, while minor disturbances do little to affect the general curves of business.

The Silberling staff not only prepares analyses indicating national business conditions and the proper policies for business men to follow as conditions change, but also undertakes studies of conditions in certain special branches of industry, such as building construction, automobile distribution, retail merchandising, etc., especially as these relate to the various parts of the Pacific Coast.

"Two regions within a hundred miles of each other may have at a given time quite different economic situations," says Silberling. "This is a fact which few people realize. A business which may be successful in one town might fail miserably in a nearby one. An intelligent survey of the situation would bring the facts to light."

Fluctuations in the security markets are also important phenomena capable of statistical analysis which can be of great value to the careful investor. "Ninety per cent of the public who put money in stocks do so by following personal 'tips,' with the result that they continually fritter away their capital. The economist, using facts and figures as a scientist would use his microscope, should be able to bring order and meaning out of a chaos of the ever-changing prices and financial situations," says Dr. Silberling.

"One of the most needed services for the average investor is impartial advice as to the principles underlying the investments of various distinct classes of stocks and the proper times for buying and selling them," says Dr. Silberling.

ANNUAL MESSAGE OF HERBERT HOOVER

(Statement issued on request of newspapers by Herbert Hoover, Sec. of Commerce)

An answer to the usual annual request of the press for a statement of prospects requires a short catalogue of the economic forces which dominate the business situation at our entry into the New Year.

The more general of these forces, of course, include the credit situation, the degree of accumulated stocks of goods or speculation in them, the size of the crops, the rate of wages, the outlook in labor relations and employment, the prospects of foreign trade and to these also need be added the particular forces in motion in the different major industries.

Upon these points it may be said that there is an ample supply of credits at low rates; the somewhat larger stocks of goods which were accumulated during the summer are being reduced; there is no consequential speculation in commodities; the crops have been abundant; wages are at a high level; we are recovering from some partial unemployment, especially in the automobile industry. There is peace in most sections of the labor world except bituminous coal; there is more peace in the international world than at any time since the war; the foreign world is recovering its economic strength and buying power, therefore, our foreign trade is steadily increasing. The phenomena usually accredited as premonitory of a slump are therefore absent.

During the past year there have been important shifts in our own economic world which have an important bearing upon the future. While the average

wholesale price of all commodities at about 50 per cent above pre-war is today the same as a year ago, yet if we divide them into agricultural and non-agricultural goods, it will be found that the average price of non-agricultural products has fallen in the twelve months from about 60 per cent above pre-war to 51 per cent pre-war; while the average of agricultural products at central markets has risen from about 35 per cent above pre-war to about 54 per cent above pre-war; however, prices on the farm show only a rise of from about 30 per cent above to about 39 per cent above pre-war. Manufacture and distribution have by savings and diminished profits accommodated themselves to this situation of decreasing prices without reduction in the average level of wages and therefore in the national buying power. But the great extent to which industry has accommodated itself to lower prices by decreased costs makes for a sounder condition for the ensuing year. Despite decreasing prices, production and consumption of manufactured commodities have been maintained upon a high level, as shown by car-loadings of class of goods, which have been about equal to those of last year.

As to particular industries, agriculture, textiles, bituminous coal and some metals—still lag behind the others. The contract let for future execution in the construction industries are at as high a level as at this time a year ago.

Taken in a broad sense we enter the New Year with the forces of stability dominant in the business world.

ALAMEDA COUNTY BUILDERS ELECT OFFICERS

J. H. Pedgrift, general contractor, was elected president of the Builders' Exchange of Alameda County, at the annual meeting and Christmas Tree Jinks, Dec. 28. Wm. Makin, plasterer, was elected first vice-president and Sam D. North, paint manufacturer, second vice-president. Herbert Beckwith, brick contractor was elected treasurer and A. B. Greenberg, structural steel contractor, secretary.

The following directors were elected to serve for the ensuing year: Wm. Makin, J. H. Pedgrift, J. H. Fitzmaurice, Herbert Beckwith, W. J. Rigney, W. W. Dennis, Joe Turgeon, Sam D. North, Wm. Moehlmann, A. B. Greenberg, Al M. Poulsen and Waverly Tilden.

Immediately following the election of officers the usual Christmas tree jinks was held under the supervision of the Entertainment Committee composed of Geo. F. Bacigalupi and A. B. Greenberg. A buffet luncheon and entertainment were features of the evening.

LUMBER MANUFACTURERS SECURE NEW FIELD ENGINEER

Reuben W. Smith, who has been temporarily attached to the western division office of the National Lumber Manufacturers Association, has joined the staff as field engineer, it is announced by A. C. Horner, division manager. For two years Smith was professor of wood utilization at the New York State College of Forestry at Syracuse. During that time he compiled and published statistics, by species, of the amount of lumber and forest products used in the wood-working plants and by the retail lumber trade of New York state. He also spent a year at the Forest Products Laboratory at Madison, Wisconsin, and a year as chief treating engineer of the Charles R. McCormick Lumber Company, St. Helena, Oregon. His most recent position was a chief of the consulting department of the Protexol Corporation, Kenilworth, New Jersey. Smith is a graduate of the forestry school of the University of California and did graduate work at the University of Wisconsin.

R. R. COMMISSION RATE DEPARTMENT HAS BUSY YEAR IN 1927

The year 1927 was an extremely busy one for the Rate Department of the State Railroad Commission which has supervision over approximately 1400 public utilities, including steam and electric railways, water carriers, automobile carriers, express companies, warehouses, wharves and airplanes. These utilities have some 15,000 active tariffs and probably 100,000 historical tariffs on file in the Department. There were approximately 100 formal proceedings brought during the year 1927 and several thousand informal actions. The most important formal proceedings involved the rates on dried fruits, lumber, grain, oil and crushed rock. Other proceedings involved refrigeration charges, joint fares between stage lines, warehouse rates and services, and innumerable proceedings dealing with the freight rates and passenger fares of automobile common carrier operators.

Suit for damages totaling \$55,259.58 has been filed at Martinez by C. W. Wooll against the J. S. Shea Co. for injuries sustained by him while measuring a pile driver hammer near Brentwood on the Mokelumne water project on Jan. 3, 1927. Wooll was the "driver" measuring when the apparatus was moved by Shea's employees causing him to fall, through their negligence, the complaint recites, and permanently injuring him.

UNION OIL COMPANY NAMES THREE SERVICE STATION WINNERS

Gasoline filling stations have become so numerous in the larger cities that their type of construction and general appearance are having a marked effect upon the architecture of their immediate surroundings. Standardization in design has been the keynote of the major marketing companies with the result that stations which might be in harmony in one district struck an inharmonious note in another. In the immense chain of service stations which have become so numerous throughout the length and breadth of the country that they are now a definite factor in the everyday life of the people, seldom is it found that the stations fit in or blend with the development of the neighborhood; quite frequently they offer a marked contrast to and detract from the architectural beauty of the adjoining buildings.

Recognizing this fact, The Union Oil Company is attempting to develop various types of stations so as to remedy this condition and mark the way for more harmonious settings. To this end it has recently carried on a contest for the purpose of securing designs of service stations which would be adaptable to the particular locations in which it operates and be of civic value to the various communities. In this the company has the co-operation of the National Institute of Architects.

Cash prizes were offered for the best three designs and honorable mention with a monetary consideration were also given to a number of other designs.

That the movement to combine beauty and utility in service station construction found favor not only among the architectural profession but also among civic bodies is indicated by the number of entries in the competition and also by commendatory editorial comment and ex-

pressions from various public officials. Over 100 entries from all sections of the Pacific Coast were received and passed upon by the jury of award.

The winning design was submitted by Lyle Reynolds Wheeler of Los Angeles. It is of purely modernistic architecture, and is of a type readily adaptable to all Pacific Coast localities. Several unusual architectural features, not ordinarily found in service station building, are incorporated. Lighting effects are utilized in a way that has never been approached before.

Harbin F. Hunter, also of Los Angeles, won second prize. His design was also of a modernistic type of architecture and it is distinctive in that only three materials are used in its construction, these being metal, marble and glass.

Modified Spanish was the motive used by Harry Sims Bent in his third prize conception.

The awards were made by a jury of three, Reginald D. Johnson, past president Southern California Chapter American Institute of Architects, and winner of the national award in 1925 for residential architecture; Stiles O. Clements, member of the national architectural body, and L. P. St. Clair, vice president of the Union Oil Company. In announcing the awards the jury stated that the quality of the designs submitted ranked very high.

It is not the intention of the Union Oil Company to standardize on the designs submitted in the construction of its service stations, neither will these be reproduced intact. They will merely be used as types from which the best features for operating stations will be adapted, keeping in mind that desire to create nothing that will conflict with neighborhood or city development.

LUMBER INDUSTRY OF U. S. IN PERIOD OF PAINFUL TRANSITION

"The lumber industry is one of the great industries of the United States that is in a period of painful transition," says President Kaul of the National Lumber Manufacturers Association, in his comment on the lumber industry for the year 1927. "This period has already lasted several years, and we feel that if there is to be any change in 1928 it must be for the better."

"Speaking broadly, the price tendency has been discouraging throughout 1927 and there is nothing to indicate that it will change much in the next few months, Kaul continued. "There is hope, however, that the lessening of production which necessity has been enforcing, may have some temporary effect; but in such a widely distributed and decentralized industry, the least encouragement in the way of favorable prices leads almost immediately to over-production. In view of the rapid growth of population and the almost universal use of lumber in building and industry, over-production appears to be an anomaly. Actually, the lumber produced is invariably consumed, but too frequently in a buyers' market. Production during 1927 was about ten per cent less than in 1926, and there was some unemployment and pressure to reduce wages."

"One way out of the lumber industry's troubles would be consolidation, especially of the operations whose financial necessities compel production without due regard to the market. Negotiations have been under way for many months looking to a consolidation of a number of companies in the Pacific Northwest,

where there is most need of having production in strong hands. Such consolidation would be in the public interest, as they would lead to stability of operation, reasonable return to capital, steadiness of employment, better manufacture, much elimination of waste, and the conservation of the best timber for the higher and more economical uses," Kaul continued.

"I am sure that it is only a question of time until economic pressure will rehabilitate the industry but it is regrettable that the rehabilitation has not been intelligently directed to a prompt conclusion. Steps in that direction are being taken by the National Lumber Trade Extension Campaign, a cooperative effort which will be in full swing during 1928. It seeks to raise the better manufactured lumber out of the general ruck and create a quality demand for it, which will not be subject to quantitative suppression," says Kaul.

SOME DISTINCTION!

The Calistoga High School at Calistoga, Calif., has a distinction which, it is claimed, is enjoyed by few, if any, other schools in California. A hot water well 125 feet in depth has recently been bored on the school grounds, and the water has been piped to the locker rooms of the school building in order to provide hot showers for the students. This is considered to be a great improvement and accommodation, as heretofore there has been no hot water showers at the school.

LUMBER OUTLOOK IN 1928

J. D. Tennant, president of the West Coast Lumber Bureau, in an exclusive interview with the Associated Press sums up the lumber industry situation for 1928 as follows:

Western lumbermen, like wheat farmers, have world markets where they compete with forest species from all lands, so that until the remote corners of the earth send their building permits we cannot predict whether our 1928 production will be large or small, more profitable or less profitable.

The United States during 1926 used approximately 36,000,000,000 board ft. of lumber, or enough to build 3,600,000 five room houses. It is believed that lumber consumption increased during 1927 over 1926 within the United States. We know that our production was greater and that practically all the lumber made by our mills has been sold. Stocks on hand are lower now than they were a year ago.

BRIDGE BONDS PROPOSED

A bill has been introduced into the Seattle city council seeking an election to vote bonds of \$500,000 to aid in the construction of a bridge across the north-west arm of Lake Union at or near Stone Way. The last Legislature appropriated \$500,000 toward such a bridge and the King County Commissioners have appropriated an equal amount, anticipating a total of \$1,500,000 from the three sources.

SITE IS OFFERED FOR STATE NARCOTIC HOSPITAL

SACRAMENTO, Cal.—A 1000-acre site for a state narcotic hospital, isolated and specially selected to permit the severance of all contacts with the outside world during the period of the addict's reformation, will be placed at the disposal of the state government, if the state will undertake erection of the necessary buildings, it is announced by Senator Sanborn Young of Los Gatos. It is estimated that such building would involve an expenditure of \$500,000.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1417-X-3900-CS ASSISTANT FIELD CONSTRUCTION ENGINEERS, to assist in supervision of field force of various classes of mechanics. Prefer those with oil refinery construction experience, who are now available or expect to be available shortly after January 1st. Apply by letter. Headquarters Middlewest.

R-1412-S MECHANICAL ENGINEER. Technical graduate with some practical shop experience to set up and operate an oxygen compression plant. Permanent opportunity for man with executive ability and willingness to work. Prefer married man not over 25. Salary \$160-\$200 to start. Location Northern California. Apply by letter for S. F. or L. A. interview.

R-1373-S MECHANICAL DRAFTSMAN. With good shop experience in tool production and several years in the drafting board for tool designing in an up-to-date manufacturing plant. Salary about \$175 a month to start, with steady employment for qualified man. Local.

R-1413-S SALES ENGINEER, preferably under 35, to develop the sales of oxygen gas. Should have some sales and industrial experience which would fit him for branch sales office management after factory training. Headquarters Los Angeles. Apply by letter. Salary open.

THE OBSERVER



What He Hears
and Sees
On His Rounds

Good morning fellows—and ladies—if any of you read this column. All of us have made our resolutions. Some made them to keep—others to break. If good resolutions—let's hope the former—if bad, let's hope the latter.

However, all of us have pledged ourselves to do something this year that we did not do last year. Pledges are easy to make—but easier to break.

All of us, no doubt, have pledged ourselves to do better than we did last year—and we will—provided, however, we strive to do so. If not successful in the earlier part of the year, let us continue striving until we see accomplishments. If we do this, we shall witness progress.

Industrial leaders throughout the United States predict a prosperous season for the construction industry. The newspapers have been carrying comments of big men in the industry and they all feel confident of a healthy construction program during the current year. That's big news for you.

Let your resolution be that you will be a big factor in the 1928 program—that you will get a big piece of the 1928 business.

Incorporate in your resolution the pledge that you will support your business organization—the Builders' Exchange—the organization that is ever striving to better conditions for you—the organization that is always seeking ways and means to promote harmony where industrial strife seeks to force an entry. Make it your business to meet members of the exchange on the exchange floor and do business at that location.

Considering the number who actually do business on the exchange floor—few apparently realize the value of such business transactions. It furnishes you with a location that those desiring to do business with you will know where to find you. It promotes greater business dealings among members—men who are organized to build up a bigger and better organization. It means that the more business you do on the exchange floor promotes the strength of the organization. It brings about new members—and the more members the greater the organization—the greater the business dealing among members. In brief, in Unity there is Strength. Think it over—it's serious—for yourself and those who do business with you.

Finally, via this column, the writer wishes you all there is to be had during 1928. May it be the opening year of a number of prosperous years in the future.

And now to proceed with the daily routine—we "observe" the following:

Reduction of cut due to the quiet condition of the lumber industry in the United States was the outstanding feature of the past year, according to information gathered from four big lumber companies operating within the San Joaquin valley by the Fresno Republican. The total cut for 1927 was approximately 325,000,000 feet. The four companies are the Pickering Lumber Co. of Standard City; the Yosemite Lumber Co. of Merced Falls; the Madera Sugar Pine Company of Madera, and the Sugar Pine Lumber Co. of Fresno. The reductions averaged between 15 and 20 per cent. The largest cut of any company in the valley was that of the Pickering Lumber Co. This amounted to approximately 125,000,000 feet as compared with 158,000,000 feet in 1926. The reduction, as in all other cases, was voluntary and was due to the quietness of the lumber market, it is reported. Approximately one-half of the cut of this company was from private holdings, a large portion being on the Burns and Gable tracts near Strawberry. The company cut approximately 58,000,000 feet from government land in the Stanislaus National forest.

Reports to the conference of the National Association of Building Trades Employers held in Chicago indicated that there is little likelihood of wage increase for building craftsmen being granted this year. A majority of employers reported that they expected about the same volume of construction next year as in 1927, while a number of sections expect to meet with a slight recession. The five-day week movement of the building crafts was condemned as "uneconomic" and a "camouflaged" effort to gain wage increases. The conference called upon the National Board of Jurisdictional Awards to continue to function and save the construction industry from the menace of jurisdictional strikes.

As a result of the sustained prosperity of business, office space has been absorbed on the whole, nearly as fast as it has been produced, leaving the amount of vacant space at 10.87 per cent which is only slightly above the normal figure. This is the finding of the National Association of Building Owners and Managers deduced from a survey made of office space conditions in the country. An improvement in space absorption is reported by many cities including Atlanta, Birmingham, Buffalo, Cincinnati, Denver, Oakland, Pittsburgh, St. Louis, Salt Lake City, San Antonio, Tex.; and Spokane, Wash.

In the building industry, a decline in construction of residential and other types of buildings has been offset by an increase in public works, so that the total amount of work begun during the year will probably be about equal to that of 1926. Contracts awarded in 37 states, as reported by the F. W. Dodge corporation, in the first 11 months of 1927 had a total value of \$5,825,691,300. This is less than one-half per cent below the corresponding figure a year ago. New work reported as contemplated last month was 31 per cent greater than in November, 1926.

U. S. Department of Commerce quoting figures from the Bureau of Census produces the fact that New York City has the lowest percentage of home ownership of its inhabitants. Des Moines, leads the list in cities of more than 100,000 population in 1920. Philadelphia, once known as a city of homes, is 20th on the list.

The International Federation of Trades Unions has a membership of \$13,145,533 drawn from 25 countries. Of this total 755,193 are building trades workers.

Examinations for posts of technical assistant sanitary engineer, assaiee educationist and traveling mechanic are announced by the United States Civil Service Commission. The first position, in the federal public health service pays \$2100 per year; the second, in the bureau of education, pays \$3000 and the third, in the postoffice departments, \$2400 per year. Details of the positions and examinations may be obtained from the Board of Civil Service Examiners at the San Francisco Post Office.

Classification of 1927 building operations in San Francisco according to type of construction, has been completed by Henry E. Shields, acting chief building inspector of the Department of Public Works. The 1927 operations are classified as follows:

Class	Permits	Est. cost
A	25	\$ 6,773,000
B	14	2,546,000
C	199	7,388,960
Frames	3664	22,784,423
Alterations	5260	5,284,172
Public	17	1,168,653
Harbor	10	962,640
State	1	125,000
Total	9190	\$47,032,845

The total volume of proposed construction announced in the United States during 1927 indicates comparatively little change has taken place in the trend on large operations. In the heavy construction field, work reached \$5,147,000,000 for the year compared with \$5,615,817,000 in 1926, the McGraw-Hill Construction Daily reports. Considering the large sum involved the decline in value of projects proposed, about eight per cent, is not regarded significant.

Henry Cowell Lime & Cement Co. of San Francisco having operated its entire plant for a full calendar year without a lost-time accident will receive the Portland Cement Association safety trophy. The eight-ton monument is awarded each year to mills running an entire year free from mishaps.

CALIFORNIA WILL PROGRESS IN 1928 SAYS WILL C. WOOD

California has made substantial progress during 1927 and will enter the new year with the foundation for continued prosperity well laid. This is in the opinion of Will C. Wood, state superintendent of banks. He said:

"While this state has some pressing economic problems to solve, particularly in the agricultural districts, I feel that conditions in general are very hopeful and the prospects for 1928 are bright. The great diversification of enterprises in California makes our state unique among her sister states.

"Because of her enviable economic situation, California has not suffered recessions in business and industry comparable to those suffered elsewhere. This state's prosperity is not tied to any one industry or enterprise. Agriculture, manufacturing, lumbering, commerce, mining—all these fundamental economic factors are found in California.

"A recession of prosperity in any one line does not affect the state's prosperity in any serious degree. While business may be slowed up for a time, the state's advance can not be greatly retarded for any considerable period."

TRADE NOTES

Roy Lemoin, Oakland contractor doing business as the Empire Construction Co., gives liabilities of \$3572 and assets of \$6200 of which \$4000 is in unliquidated claims, in a voluntary petition of bankruptcy on file in the Federal District Court at San Francisco.

G. Bianchini & Co., rock, sand, gravel and cement dealers, 552 Berry street, San Francisco, recently changed its name and will hereafter operate as the San Francisco Gravel Co. with no change in ownership. Plant operations will continue as heretofore at 552 Berry street.

The common brick manufactured in 1927 by more than 1200 plants is placed at 7,500,000,000 by the Common Brick Manufacturers' Association of America. Loading 20,000 bricks to a car, it would require 375,000 cars to carry the output, or 7500 trainloads if divided into trains of 50 cars each. Allowing that the 1927 production will sell for about the same as in 1926, the actual selling price will be \$4.69 a ton, about what the manufacturer pays for soft coal on contract price, the association says.

Wisconsin Iron & Wire Works of Milwaukee, Wis., announces change of the firm name to Wisconsin Ornamental Iron & Bronze Co. The change is made in order to have the company name and the products more closely related.

Beginning January 1, 1928, the standard grades of Oak Flooring will be named as follows: First Grade Quartered (old name—Clear); First Grade Sap Quartered (old name—Sap Clear); Second Grade Quartered (old name—Select); First Grade Plain (old name—Clear); Second Grade Plain (old name—Select); Third Grade (old name—No. 1 Common); Fourth Grade (old name—No. 2 Common). Oak flooring grading rules will be printed and distributed January 1st. For a copy write Oak Flooring Manufacturers Association of the United States, 228 North La Salle Street, Chicago.

Stuart S. Smith Co., 19th and Indiana Sts., San Francisco, has been appointed by the T. L. Smith Co. of Milwaukee as distributors of Smith mixers and pavers for the Northern California and western Nevada territories.

Paradon Manufacturing Co., Arlington, N. J., announces the appointment of the Pacific Water Works Supply Co., Inc., Seattle, Wash., as its representative in the Pacific Northwest. The Chemical Equipment Corp., of Los Angeles, has been appointed in a similar capacity for the States of California, Nevada and Arizona.

BILL WOULD ESTABLISH HYDRAULIC LABORATORY IN STANDARDS BUREAU

A bill has been introduced into the Senate by Senator Ransdell authorizing the establishment of a national hydraulic laboratory in the Bureau of Standards. The bill was drafted by John R. Freeman. The bill proposes a national hydraulic laboratory "for the determination of fundamental data useful in hydraulic research and engineering including laboratory research relating to the behavior and control of river and harbor waters, the study of hydraulic structures and water flow, the development and testing of hydraulic instruments and accessories, and including such co-operation with other government departments, the states, technical and scientific institutions and societies as may be deemed necessary."

ALONG THE LINE

Gywnn Officer, 2328 Warring street, Berkeley, won the first prize of \$1000 cash for the best design for a small house in a contest conducted by "House Beautiful," a Boston magazine. The home which won the contest now stands in Claremont Court, Berkeley. Factors entering the contest were excellence of design, skill in the use of materials, economy of space and convenience of plan.

Walter B. Hogan, city engineer of Stockton, heads a committee representing the Stockton Chapter, American Association of Engineers, to meet with the San Joaquin County Chamber of Commerce road committee which is preparing a unified program of road development which it will put before the State Highway Commission Jan. 13 when that body visits Stockton.

E. W. Alexander was elected president and Geo. B. Sullivan, secretary, of the Santa Barbara City Harbor Commission at a recent meeting of that body.

Jas. W. Smith, pioneer general contractor and a member of the San Francisco Builders' Exchange, died at his home in Alameda December 31. Mr. Smith was a native of St. Johns, New Brunswick, and a member of San Francisco Council, Knights of Columbus, and Alameda Lodge No. 1015, Benevolent and Protective Order of Elks.

H. C. Cutting, mining engineer, was the principal speaker at the Jan. 3 meeting of the Berkeley Builders' Exchange.

George N. Randle, city engineer of Oakland, has refused to accept the appointment of city manager of Sacramento.

B. L. McCoy, former county surveyor of Butte County, died in Oroville, Jan. 1. He served for six years at Oroville's first city engineer.

According to a letter recently set all engineering societies in the state of New York, the attorney general will proceed against all engineers who are not duly licensed to practice or who have failed to renew their certificates as provided by Article 55 of the Education Law. Up to this time it was considered expedient to refrain from pushing the matter of legal procedure against unlicensed engineers, thereby giving them ample time to become familiar with the law and its requirements. However, inasmuch as several years have elapsed since the passage of the act, the attorney general's office has been requested by the Education Department of the state of New York to proceed against all delinquents.

Clyde C. Kennedy, San Francisco consulting engineer, has been retained by the city of Eureka and the city of San Mateo as consulting engineer on the reconstruction of the storm water systems in those cities.

Six building inspectors in the Bureau of Building Inspection, San Francisco Department of Public Works, have been removed from the pay roll due to the so-called economy program of the Board of Supervisors which body failed to appropriate sufficient funds to pay their salaries.

Bayard Knock, county surveyor of Glenn County, was married to Miss Heloise Dahlgren of Willows, in Los Angeles, Jan. 2.

HERE — THERE —
EVERYWHERE

Frank W. Plane, former secretary-manager of the Los Angeles Builders' Exchange, has been appointed general manager of the Los Angeles Brick Exchange with offices at 634 Chamber of Commerce Building, Los Angeles.

Empire Steel Corp., a \$20,000,000 concern, representing a consolidation of six northern Ohio steel companies, was incorporated December 30, according to word from Cleveland, Ohio.

The Supreme Court of Massachusetts has decided that a boycott of non-union made building material in that state is illegal. The decision affects the carpenters who had refused to handle material that did not bear the label.

There were fifty-nine increases and eleven decreases in wage scales recorded by the Labor Bureau, Inc., during November. There were thirteen increases in the building trades.

Asserting that the proposed "shingle ordinance" of the San Francisco Board of Supervisors should not be passed until home owners have a chance to voice affirmation or disapproval of the proposed ordinance, Supervisor A. J. Gallagher has requested property owners and builders to request the Board to delay further action until a conference of home owners, home builders and others is called.

Contractors' Association of Petaluma, Calif., has been elected to membership in the National Association of Builders' Exchanges. H. P. Vogensen is secretary of the association. Pasadena Builders' Exchange has also been admitted to membership in the National Association. George Israel is secretary-manager of the Pasadena organization.

The Central Division of the National Lumber Manufacturers' Association is making a study of the objections of architects and builders to hardwood floors in large fireproof buildings.

Chas. Derleth Jr., chief engineer for the Carquinez bridge, addressed the Sacramento Chapter, American Association of Engineers, Jan. 5 on the Bridge Era of San Francisco Bay. Mr. Derleth is dean of the College of Civil Engineering at the University of California.

John Dupes, member of the Bay Cities Contracting Plasterers' Assn., and the Builders' Exchange of Santa Monica, has been appointed plastering inspector of Santa Monica. He commenced his duties November 15.

PAINT RETARDS WEATHERING

Painting is the best means known for protecting exposed wood from the deterioration known as weathering says the forest products laboratory of the Forest Service, United States Department of Agriculture.

Weathering is caused by the shrinkage of the surface layers of wood fibers with rapid moisture changes. Two softwood boards, one unpainted and one painted with three coats of ordinary house paint, were exposed to the weather for one year at the forest products laboratory. At the end of the year the edge grain of the unpainted board was considerably "washboarded" because of the permanent "set" resulting from differences in the swelling and shrinkage of spring wood and summer wood. The only irregularities on the surface of the painted board at the end of the year were the marks of the brush.

EXACT BASIS OF CONCRETE PROPORTIONING

BY JOS. A. KITTS

Consulting Concrete Technologist, Kitts & Tuthill, San Francisco

The basis of concrete porportioning outlined in the accompanying article was employed on the Exchequer Dam project of the Merced Irrigation District (457,000 cubic yards), on the Oakland-Alameda Estuary Sub-way (75,000 cubic yards), and other projects in California totaling 622,000 cubic yards. It is being used on other projects aggregating over 600,000 cubic yards and also by an enterprising dealer in "certified concrete" in San Francisco on such buildings as the Huckin's Hotel at Powell and Sutter streets. It is a Western development.

Aggregates for concrete mixtures are generally measured in arbitrary proportions by loose-moist volume, sometimes by munded volume and sometimes by weight. No one of these three methods of measurement in itself is exact or definite as a basis of proportioning, for the following reasons:

(1) Aggregates from the same source vary widely in specific gravity, average diameter of particles, graduation of sizes of particles, density (when compacted in a uniform manner), moisture content, absorption and bulking by loose measurement and moisture. The absolute volumes ("absolute volume" as used herein denotes "apparent volume" as generally termed by concrete physicists. It is the volume within the surface of the particle), and graduation of sizes of particles, the water required for workability and the cement required for the strength sought, are affected by these variations of the physical characteristics of the aggregates.

(2) Loose-moist measured volumes are affected by "bulking" or increase over the standard dry-rodded volumes. This bulking is affected by losseness of measure, moisture content and diameter of particles and varies from about 0 to 45 per cent. The absolute volume of particles in a given measure vary with this bulking and with other characteristics given in (1).

(3) Inundated volumes bulk from 0 to 8 per cent depending upon the average diameter of particles and the absolute volume of particles in a given measure vary likewise.

(4) the absolute volumes, corresponding to particular weight measurements, vary with the specific gravities and moisture contents of the aggregates.

(5) The standard dry-rodded volume varies in density from about 0.90 to 0.96 depending upon the shape, maximum size and graduation of sizes of particles and the absolute volume in a given measure varies directly with the density. A typical result is that the 1-2-4 mix, for example, varies in strength from 500 to 5000 pounds per square inch at ages of 28 days.

It can be seen from the foregoing that an exact basis of proportioning concrete mixtures must comprehend the absolute volume of aggregate particles. However, one absolute volume may contain particles all one size and others—two, three or an infinite number of sizes. They are not alike practically unless they have nearly the same graduation of sizes.

Experience shows that the strength, density, uniformity, impenmeability, workability and economy of a concrete mixture depends largely upon the maximum size, coarseness, and uniformity of grading of diameters of aggregate particles from fine to coarse. It also shows that silt or other inert particles, finer than the average cement particles, adulterates the cement and reduces the strength and density of the concrete.

These requirements of maximum and minimum size, coarseness and uniformity of grading of aggregate particles are expressed by the Kitts-Peugh grading equation

r = 1 - (d/D)m

in which r is the proportion by absolute volume retained on given screen opening of d inches, D is the maximum

size of the aggregate, m is the coarseness exponent and A is the minimum size of the aggregate, excluding silt. We have, then, absolute volumes of particles, of any size limitations, uniformly proportioned to a definite coarseness of graduation of particles. To this we must add cement and water.

The strength, density, impenmeability and economy of concrete depends also upon the absolute volume of cement to unit volume of concrete and upon the absolute volume of mixing water to unit volume of cement.

Assuming, then, that the materials are of standard quality, the exact basis of a concrete mix consists of: an aggregate, of a maximum and minimum size limitation, uniformly graded to a particular coarseness by diameters and absolute volumes of particles, proportioned with absolute volumes of cement and water; and, the mix may be specified as follows:

Basis of mix:

m = 0.5, D = 1.5", A = 0.00146"

Grading of aggregates, r = 1 - (d/D)m

Absolute volume of cement per cubic yard of concrete, (1.75 bbls.) 3.395 cu. ft. Water to cement ratio by absolute volume, 1.65.

Method of application: The theoretical percentages of the mixed aggregate retained on and passing the standard screens are determined from the equation to be as follows:

Sieve No.	d"	100 r	100-100 r	
A	.00146	100	0	} C.M.=5.24
200	.0029	99	1	
100	.0059	97	?	
50	.0117	94	6	
30	.0234	90	10	
16	.0469	85	15	
8	.0937	77	23	} C.M.=9.23
4	.187	67	(33)	
3/4"	.375	52	48	
3/4"	.75	30	70	
1 1/2"	1.50	0	100	

Sum/100 = 7.91 Coarseness Modulus

The summation (7.91) of the proportions retained on each screen is a function of the average diameter of particles and may be called a "coarseness modulus." It is of the same character as the well known "fineness modulus" excepting that it takes account of two sizes smaller than the No. 100 sieve and has a minimum limitation mathematically. Its practical value is that we are able to determine by an algebraic process the proportions of two, three or more sizes of aggregates so that their combination most nearly conforms in grading to the theoretical grading curve. The greater the number of sizes of aggregates (A—No. 200, No. 200—No. 100, No. 100—No. 4, No. 4—3/4", etc.), the more nearly we can approximate the theoretical grading by its use. It is much more expedient than the graphical cut and try method so long used.

Assuming that we have on the job two sands and two gravels whose practical limitations of sizes and coarseness moduli are

	Size No.	C.M.
Fine Sand	A—16	3.84
Coarse Sand	100—4	5.25
Fine Gravel	4—3/4"	8.55
Coarse Gravel	3/4"—1 1/2"	9.83

we then separate the theoretical grading

at the No. 4 sieve, corresponding to the pairs of job aggregates, and find the theoretical coarseness modulus of the sand to be 5.24 and that of the gravel 9.23. The coarseness modulus of the combined aggregate is 7.91.

We have then by simple proportion

100	(9.23-7.91) (9.23-5.24)	= 33% sand,
100-23		= 67% gravel, and the proportions of the job aggregates are
33	(5.55-5.24) (5.35-3.84)	= 3% fine sand
33-3		= 30% coarse sand
67	(9.83-9.23) (9.83-8.55)	= 31% fine gravel
67-31		= 36% coarse gravel
Total		100%

These are the proportions of dry aggregate by absolute volume. The coarseness modulus of the whole is (.03 x 3.84) plus (.70 x 5.35) plus (.31 x 8.55) plus (.36 x 9.83) = 7.91 which was the total sought.

The absolute volume of mixed aggregate in one cubic yard of concrete of the given specifications will be

cement water
27 — (3.395) — (3.395x1.65) = 18.005 cu.ft
YIELD

assuming the yield as unity. We have then

	Absolute volume cu.ft.
Cement, 1.75x4x.485 =	3.395
Water, 1.65x3.395 =	5.602
Fine sand, 18.005x.03 =	0.540
Coarse sand, 18.005x.30 =	5.401
Fine gravel, 18.005x.31 =	5.581
Coarse gravel, 18.005x.36 =	6.481
Total	27.0

Having determined the specific gravity, density, absorption, moisture content and bulking of the individual job aggregates, we can readily determine the proportions by weight, lose-measured, dry-rodded, or inundated volume—compensating for the moisture content and absorption of the moist aggregates as used. This is a matter of simple physics and mathematics.

One man-hour of systematized and co-ordinated laboratory control is required for every 10 to 50 cubic yards of concrete, depending upon the conditions, in order to effect the most economical results.

This basis of proportioning has been used with success on projects of 1000 to 400,000 cubic yards, with economy of cement of from 10 to 25 per cent of that required by the usual practice, and producing concrete of the required quality with a uniformity not possible to accomplish otherwise. Saving of the margin of excess cement, usually allowed in lieu of exact proportioning, pays the cost of this production control on small jobs and many times over on large projects and the quality of the concrete is insured.

\$2,110,600,000 LOANED TO BUILD HOMES IN 1927

Residence building in the United States was 4 per cent less in 1927 than in 1926, the annual statement of the United States League of Local Building and Loan Associations reveals. During the year the building and loan association provided funds for the construction of 600,000 homes. The mortgage loans made totaled \$2,110,600,000. The total loan investment of the associations was \$6,525,700,000, and the membership amounted to 11,305,000 persons.

BERKELEY BUILDING

Berkeley building operations during 1927 involved an expenditure of \$6,676,718 according to Building Inspector Stanley Koch. The year's business in new construction is less than that of 1926, when the total was \$7,337,076.

STABILITY IN BUILDING INDUSTRY PREDICTED BY S. W. STRAUS CO.

Sound stability in the building industry during the coming year is indicated by all the factors on which one must depend in any such forecast. It is doubtful if the total of new building construction in our Pacific Coast cities during 1928 will exceed that of 1927 by any substantial amount, but there is no probability of any reduction.

There exists at the opening of the new year a very evident demand for new buildings of various types which must be supplied, a demand sufficient to keep the volume of construction up to that of 1927, at least, in all of the West Coast centers. In certain cities it is obvious that there is a surplus of certain types of structures, but such excesses are quite balanced by shortages of other types.

The last two years have shown a steady slowing down of building activities throughout the country in general, although not to so great a degree in these western cities as elsewhere. The total of new construction for which building permits were issued in 94 Pacific Coast cities reported in the National "Monthly Building Survey" of S. W. Straus & Co. for 1925 was \$642,222,902, and for 1926 was \$495,690,832. The 1927 total is not yet compiled, but an estimate based on the records for the first 11 months indicates a figure of approximately \$465,000,000.

Analysts of the building industry have found official reports of building permits issued the most accurate index of pending operations, clearly and dependably forecasting labor employment and demand for financing and for materials. For the United States, as a whole, building activity has slowed down during 1927 by approximately 13 per cent, while the reduction along the Pacific Coast has been less than 7 per cent. This balances with the fact that there was much less danger from overbuilding in this area at the beginning of the year than was the case in eastern cities.

An analysis of building activity during 1927 shows that the reduction in

volume for this year is chiefly due to the lesser number of big building projects undertaken. This is also the case in the cities of the eastern states, probably to a greater extent than along the Pacific Coast. This reduction in this type of construction has re-established a proper balance as between supply and demand, which was threatened by the heavy building program of 1925 and still threatened at the end of 1926.

Students of the subject are well agreed that big building construction may now safely be resumed without jeopardy to existing buildings if proper precaution is exercised in the promotion of such enterprises. Constant growth in population, shifting centers of business activity, demands for increasingly better housing accommodations paralleling the general prosperity and the ambitions of the people, are factors constantly at work strengthening the demand for new buildings of all types and in all population centers.

While this two years' reduction in building operations has had the commensurate effect of curtailing employment in the building crafts, particularly evident during 1927, it has also effected an increased efficiency of production while maintaining wage schedules unimpaired. At the same time there has been a slight reduction in the cost schedules of building materials estimated in some cities as high as 5 per cent. This, however, is unimportant, since labor represents approximately 60 per cent of the cost of building construction and wage scales remain as before.

Building activity is considered an important and a fundamental index of business conditions generally. It distributes enormous sums in payrolls to construction workers and to those who produce building materials. It reflects growth in population and economic prosperity, and it provides sound investment for surplus funds. A continued stable building program for 1928 in our Pacific Coast cities promises a steady and dependable prosperity in all phases of business and industry.

\$123,027,239 IS LOS ANGELES BUILDING EXPENDITURE FOR YEAR 1927

Totals for building permits issued in Los Angeles during 1927 show a gain of \$21,024 in valuation and 1081 in number over those of 1926.

The total valuation for the building permits in 1927 is \$123,027,239 against \$123,006,215. The number of permits issued in 1927 is 38,559, compared with 37,478 in 1926.

Building records for December show a decided drop from the November figures, with 2483 permits valued at \$6,620,403 in December, compared with 3292 permits valued at \$17,464,327 issued in November. The high mark made in November is due principally to \$10,000,000 worth of permits issued to the county for the new general hospital, new museum unit and a sanitarium building.

November totals also show a decline from the figures of December, 1926, when 2324 permits were issued for buildings valued at \$7,366,308.

Permits for new dwellings lead December building with 617 buildings valued at \$2,626,722. Apartment buildings are second in valuation at \$1,617,800. There were 60 permits issued for apartments. Accommodation for 536 families will be provided by the new single family dwellings, 177 families in the apartment houses. Living quarters for a total of 1528 families are to be made possible by the December building.

M. G. BUGBEE, ARCHITECT, DEAD

Maxwell Greene Bugbee, 62, San Francisco architect, died at the home of his son, 410 Haight St., San Francisco, Dec. 29. He was a son of the late Superior Judge John S. Bugbee. He studied architecture in his grandfather's office in San Francisco and spent four years in New York before returning to California to work at his profession.

ROCK PLANT OPERATING

Plant of the Johnston Rock Company on Butte Creek at Chico has started operations. The plant, according to the owners, J. E. Johnston and Frank Dassel, will have a 1000-ton daily capacity and represents an expenditure of approximately \$250,000. The old plant on Sandy Gulch known as the Chico Sand, Rock & Gravel Company, will be abandoned. Mr. Dassel will handle sales in the Chico territory and F. C. Hewitt, formerly with the California State Highway Commission, will handle the outside territory. Territory between Davis and Redding will be served.

ENGINEERS PLAN STAG PARTY

Modesto Chapter, American Association of Engineers, has appointed a committee to arrange for the annual stag party to be held January 20 at Guild Hall, Modesto. Walter Good and Jack Wieland are members of the committee.

IN NEW QUARTERS

W. C. Ambrose and R. W. Jeans, architects, formerly with Reid Bros., are now occupying offices with Architect C. H. Jensen at 605 Market St., San Francisco.

MONTEREY BUILDERS' EXCHANGE ELECTS OFFICERS

A. Jacobsen, plasterer, was elected president of the Builders' Exchange of Monterey County at the annual meeting held Jan. 3. Fred Ruhl was elected first vice-president and M. W. Overhulse, secretary. G. M. Whitcomb was named treasurer and Herman S. Neilsen, sergeant-at-arms. M. J. Murphy was elected a delegate to the State Builders' Exchange Conference to be held in Fresno January 14.

1928 CONSTRUCTION OUTLOOK

Thos S. Holden, vice president, F. W. Dodge Corp., in an interview with the Associated Press sums up the construction industry outlook in 1928 as follows:

Construction activity has been passing through a period of readjustment. This has been proceeding so quietly and moderately that it has scarcely been realized. It has been evidenced principally in a gradual decline in residential work, particularly in low cost houses.

As a whole, building activity has been declining. At the same time engineering projects of the public works and utilities class have been steadily increasing. The net result has been that total construction expenditures have been maintained at remarkably steady levels during the past three years. Estimated totals for the entire country are \$6,600,000,000 in 1925, \$6,900,000,000 in 1926, and \$6,800,000,000 in 1927.

Underlying economic and financial conditions point to increased construction activity in 1928. The moderate decline in private construction work was halted several months ago and has been followed by a gradual rise in building volume. Improved conditions in agricultural districts and the stimulus that increased automotive production seems likely to give to general business should have an encouraging effect on construction activities.

IRRIGATION DEVELOPMENTS

Interesting figures showing the development of irrigation in California are contained in the December number of California Highways and Public Works.

In 1887 there were seven irrigation districts in California; in 1926 there were 110 irrigation districts.

In 1912 the State Bond Certification Commission began its work. In 1926 the accumulated value of the bonds issued by that commission was \$136,000,000.

In 1917 the duty of approving plans for dams and supervising their construction was vested in the Division of Engineering. In 1926 the accumulated cost of dams approved by the State Engineer was \$30,000,000.

STEEL MERGER RESUMED

Negotiations for the merger of Youngstown Sheet & Tube and Inland Steel Co., which were dropped about six weeks ago because of disagreement over the terms are reported to have been resumed. Youngstown preferred, which is callable at 105 and likely would be, in event of merger, dropped to 106½ bid against a recent high of 110, says New York News Bureau.

"Nothing has been done," said President J. A. Campbell, of the Youngstown Sheet & Tube, in reply to query as to the state of negotiations reported on between his company and Inland Steel.

Building News Section

APARTMENTS

Structural Steel Contract Awarded.
APARTMENTS. Cost, \$108,000
SAN FRANCISCO. N Pine Street — E
Hyde Street.
Six-story steel frame and concrete Class
C apartment building (54 rooms, 2
and 3-room apts.)

Owner—Lincoln Investment Co.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Contractor—J. A. Johnson, 1043 Russ
Bldg., San Francisco.
Structural Steel—Central Iron Works,
2050 Bryant St., San Francisco.

Previously reported as being awarded
to Horrick Iron Works, 18th and Camp-
bell Sts., Oakland.

Reinforcing Steel Bids Wanted.
APARTMENTS. Cost, \$350,000
SAN FRANCISCO. California and La-
guna Sts.

Six-story, basement and two sub-base-
ments Class C apartment building
(basement and sub-basements to be
of Class A construction; all modern
conveniences).

Owner—American Improvement Co.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Structural steel bids are in and will be
awarded shortly.

Plans Completed.
APARTMENTS. Cost, \$50,000
SAN FRANCISCO. N Lombard Street —
W Steiner Street.

Three-story frame and stucco apartment
building (16 2 and 3-room apts.)
Owner and Builder—Magnuson & Peter-
son, 175 Vasquez Ave., S. F.

Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Sub-bids to be taken shortly.

Plans Completed.
APARTMENTS. Cost, \$180,000
SAN FRANCISCO. SW Sixteenth Ave.
and Lincoln Way.

Six-story steel frame and concrete Class
C apartment building (90 rooms, 2
and 3-room apts.)

Owner—Lincoln Investment Co.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Bids will be taken January 3rd.
(739) 1st report Nov. 17; 3rd Dec. 27.

Preparing Working Drawings.
APARTMENTS. Cost, \$40,000
OAKLAND, Alameda Co., Cal. Lake-
shore and Lakepark Aves.

Two-story Class C brick store and apart-
ment building (9 stores and 5 3-room
apts.)

Owner—L. B. Hogue.
Architect—W. E. Schirmer, Thayer Bldg.,
Oakland.

Plans Being Prepared.
APARTMENTS. Cost, \$350,000
SAN FRANCISCO. Washington St., San
Francisco. 10-story steel frame and
concrete apartment building. (10 8-rm
apartments.)

Owner—Theo. F. Deering, New York.
Architect—Charles H. Skidmore, Call
Bldg., San Francisco.

By Day's Work and Sub-Contract.
APARTMENTS. Cost, \$45,000
SAN FRANCISCO. NW 20th Ave & Cali-
fornia St. 3-story and basement
frame and stucco apartment build-
ing (12 apartments).

Owner and Builder—I. Epp & Son, 4747
Geary St., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg.
San Francisco.

Building permit applied for.

Plans Complete.
APARTMENTS. Cost, \$260,000
SAN FRANCISCO. Leavenworth and
O'Farrell Sts. Eight-story Class A
apartment building, (75 2-room apts.)

Owner and Builder—Marian Realty Co.,
110 Sutter St., San Francisco.

Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Sub-bids will be taken shortly.
666 1st report Dec. 24, 1927.

LOS ANGELES, Cal.—J. M. Close, 241
N. Western Ave., is taking subbids for
a three-story Class D apartment build-
ing to be erected at 5607 Virginia Ave.
for himself; it will contain 36 rooms, 24
apartments, 50x138 feet, brick front.
Cost, \$60,000. Permit has been applied
for.

LOS ANGELES, Cal.—Yale Bros., de-
signer and builder, 512 E. Colorado Blvd.,
Glendale, applied for building permit to
erect a four-story, 32-unit, Class C apart-
ment, 65x160 feet, at 5846 Carlton Way,
for Robert E. Coffee. Cost, \$130,000.

SEATTLE, Wash. — Architect Earl
Roberts, Lloyd Bldg., is taking bids for
an eight-story and basement reinforced
concrete apartments to be erected for
A. P. Malloy at 15th Ave. northeast and
East 45th St.; 120 by 103 ft., to contain
123 two and three-room apts. Basement
garage will house 60 machines. Est.
cost, \$500,000.

Contract Awarded
APARTMENTS. Cost \$60,000
BERKELEY, Cal., 1749 Oxford ave.

Three-story frame and stucco apartment
bldg., 48 rooms.

Owner—Robert E. Bartlett, 3265 Harbor
View ave., Berkeley.

Architect—W. W. Dixon, 1844 5th ave.,
Oakland.

Contractor—C. M. Hollister, 441 Valle
Vista, Oakland.

To be Done by Day's Work
APARTMENTS. Cost \$60,000
SAN FRANCISCO, NW Greenwich & Fill-
more sts.

Three-story and basement frame and
stucco apartment bldg., 17 apts.

Owner and Builder—S. Steinauer, 755 27th
avenue.

Architect—J. C. Hladik, Monadnock Bldg.
Building permit applied for.

To be Done by Day's Work
APARTMENTS. Cost \$40,000
SAN FRANCISCO, W Fillmore street
S Retiro way.

Three-story and basement frame and
stucco apartment bldg., 15 apts.

Owner—J. M. Nordell, 2524 Monticello av.
Architect—J. C. Hladik, Monadnock Bldg.

Building permit applied for.

Sub-bids Being Taken
APARTMENTS. Cost \$75,000
SAN FRANCISCO, SE Bush and Gough
sts.

Six-story and basement reinforced con-
crete apartment building, 36 apts.
Owner and Builder—A. Penziner, 750 Tay-
lor st.

Plans by owner.

Sub-bids Being Taken
APARTMENTS. Cost \$75,000
SAN FRANCISCO, NE Gough and Fern
ave.

Six-story and basement reinforced con-
crete bldg., 36 apts.

Owner & Builder—A. Penziner, 750 Tay-
lor st.

Plans by owner.

(472) 1st report Nov. 2; 2nd Dec. 2, 1927

Preparing Working Drawings.
APARTMENTS. Cost, \$—
BURLINGAME, San Mateo Co., Cal.
Burlingame Ave. near Lorton St.

Three-story steel frame and concrete
apartment and store building (5 3, 4
and 5-room apts.; number of stores
not decided).

Owner—Mr. Moyer.

Architect—E. L. & J. E. Norberg, 580
Market St., San Francisco.

PASADENA, Los Angeles Co., Cal.—
W. E. Chadwick, 417 Union League Bldg.,
Los Angeles, is completing plans for two
3-story class C brick apartments to be
erected at Pasadena for a client; each
building will contain 9 double and 21
single apartments, lobbies and storage
rooms; 154x55 ft. each; cost \$125,000 each.

LOS ANGELES, Cal.—Max Maltzman,
603 Financial Center Bldg., is preparing
preliminary plans for a 6-story, class B
apartment building, 100x138 ft., to be
erected on New Hampshire ave., near
Wilshire blvd., for Harry Feigenbaum
and L. A. Rose, 609 Union Bank Bldg.
Brick and steel construction.

LOS ANGELES, Cal.—W. M. Shum-
way Co., Inc., 6912 Hollywood Blvd., has
contract and is taking sub-bids for a 5-
story and basement Class A apartment
hotel building to be erected at 724 S.
Mariposa St., for Pola Negri; plans pre-
pared by Architect Richard M. Bates,
Jr., 660 S. Vermont Ave.; 135 rooms, 60
apartments, 132x113 feet, reinforced
concrete construction. Cost, \$350,000.

Sub-Bids Being Taken.
APARTMENTS. Cost, \$600,000
SAN FRANCISCO. NE Pacific Ave. and
Laguna St.

Six-story steel frame and concrete apart-
ment building, 50 4 and 5-room apts.)

Owner and Builder—Marian Realty Co.,
110 Sutter St., San Francisco.

Architect—Douglas Stone, 354 Hobart
St., Oakland.

Sub-Contracts Awarded.
APARTMENTS. Cont. Price, \$62,500
SAN FRANCISCO. W Fillmore St. 125
S Beach Street.

Three-story frame and stucco apartment
building and garage (18 2-room apts.
garage capacity, 18 cars).

Owner—Elliott Building Company.

Architect—Oscar Thayer, 110 Sutter St.,
San Francisco.

Contractor—G. P. W. Jensen, 320 Mar-
ket St., San Francisco.

**Heating—J. B. LaPoint, 350 Urbano
Drive, San Francisco.**

**Plumbing—Frank Davison, 765 Brannan
St., San Francisco.**

**Electrical Work—Walter Vitt, 239 Clin-
ton St., San Francisco.**

Other awards reported Dec. 28, 1927.

Plans Being Prepared.
APARTMENTS. Cost, \$600,000
SAN FRANCISCO. Pacific Ave. near
Laguna St.

Six-story steel frame and concrete apart-
ment building.

Owner and Builder—Marian Realty Co.,
110 Sutter St., San Francisco.

Architect—Douglas Stone, 354 Hobart St.,
Oakland.

FOR
QUALITY WORK
QUICK SERVICE

**SPRAY
PAINTING**
CAPITAL
COMPRESSED AIR
PAINTING CO.
1508 J ST. MAIN 445 SACRAMENTO

WATER PROOFING
DAMP PROOFING
FLOOR HARDENING

Preparing Working Drawings.
APARTMENTS Cost, \$60,000
SAN FRANCISCO. San Jose Avenue.
 Three-story frame and stucco apartment building (34 2 and 3-room apts.)
 Owner—Withheld.
 Architect—Oscar Thayer, 110 Sutter St., San Francisco.

Sub-bids Being Taken
APARTMENTS Cost \$35,000
BERKELEY, Alameda Co., Cal., 2315 Grant st.
 Two-story frame and stucco apt. bldg., 22 rooms.
 Owner—Ethel L. Hanlon, 1636 Franklin st., Oakland.
 Architect and Contractor—California Builders, 1636 Franklin st., Oakland.
 Building permit applied for.

Sub-bids Being Taken
APARTMENTS Cost \$35,000
BERKELEY, Alameda Co., Cal., 2315 Grant st.
 Two-story frame and stucco apartment bldg., 22 rooms.
 Owner—Ethel L. Hanlon, 1636 Franklin st., Oakland.
 Architect and Contractor—California Builders, 1636 Franklin st., Oakland.

Structural Steel Contract Awarded.
APARTMENTS Cost \$150,000
SAN FRANCISCO—NE California & Broderick Sts. Six story and basement reinforced, concrete apartment building. (36 apts.)
 Owner and Builder—Phil Harris, 1588 9th Ave, San Francisco.
 Architect—Plans by owner.
Structural Steel—Central Iron Works, 2050 Bryant St, San Francisco.
 Sub bids are being taken on all other parts of the work.

BONDS

LOS ANGELES, Cal.—Los Angeles board of education finance committee has recommended that the county supervisors be requested to sell the \$1,000,000 worth of elementary school bonds remaining unsold. Proceeds will be used to finance the construction of buildings authorized last fall.

ELVERTA, Sacramento Co., Cal.—Election will be called shortly in Elverta School District to vote bonds of \$17,000 to finance erection of new school.

SANTA ROSA, Sonoma Co., Cal.—Until Jan. 18, bids will be received by W. S. Coulter, county clerk, for purchase of \$8000 bond issue of American Valley Joint Elementary School District; proceeds of sale to finance school improvements.

CHUALAR, Monterey Co., Cal.—Election will be held Feb. 10 in Chualar Union School District to vote bonds of \$60,000 to finance school improvements. Trustees of district are: F. E. Mace, B. F. Petersen, B. R. Prewitt, J. C. Boysen and R. M. Cashen.
 (9733) 1st report Sept. 19; 2nd Nov. 21,

MARTINEZ, Contra Costa Co., Cal.—Until Jan. 16 bids will be received by county supervisors for purchase of \$11,000 bond issue of Vine Hill School District; proceeds of sale to finance school improvements.
 (4031) 1st report Feb. 28; 3rd April 23,

DELANO, Kern Co., Cal.—Delano Joint Union High School District changes date from Jan. 17 to Feb. 15 for holding election to vote bonds of \$75,000 to finance school improvements. George Sellon & Co., California State Life Bldg., Sacramento, are the architects.

KINGMAN, Ariz.—Bonds in the sum of \$125,000 for the erection of a new grammar school building have been voted by Kingman school district, Kingman, Arizona.

ARBuckle, Colusa Co., Cal.—Arbuckle Grammar School District plans to vote bonds of \$25,000 to finance addition to present grammar school.

CHURCHES

VENTURA, Cal.—Architect Thos. P. Barber, 2008 W. 7th St., Los Angeles, is completing plans and will take bids soon

for a new church building to be erected at Ventura, for the First Methodist Church. Rev. Fred Trotter, pastor. The building will cost approximately \$70,000, frame and stucco construction.

VENTURA, Cal.—Arthur G. Lindley, 410 American Bank Bldg., Los Angeles, is preparing working plans for a Spanish type church for Ventura Mexican M. E. Church. It will contain an auditorium to seat 200, social hall and kitchen; frame and stucco construction.

SAN FRANCISCO—St. Patrick's Church, Rev. J. Rogers, pastor, has started campaign to raise \$20,000 to finance purchase of new church organ.

SAN FRANCISCO—St. Patrick's Church, Rev. J. Rogers, pastor, has started campaign to raise \$20,000 to finance purchase of new church organ.

HUNTINGTON PARK, Los Angeles Co., Cal.—DeWight Kindig, 451 N Western ave., Los Angeles, is taking bids on general contract, plumbing, heating and ventilating, electric wiring, painting and decoration for erecting a 2-story class C church building at corner of Rita and Saturn sts., Huntington Park, for the Huntington Park Christian Church; it will contain an auditorium to seat 600 people, Sunday school departments, social kitchen vestry, etc.; 130x150 ft., brick construction; cost \$80,000.

FACTORIES & WAREHOUSES

Plans being figured by selected list of contractors.

ADDITION. \$16,000
SAN FRANCISCO. NE Mission & Plum Sts. 1-story addition to present manufacturing plant.
 Owner—Speyer & Schwartz, 317 Main St., San Francisco.

Architect—Ellison & Russell, 712 Pacific Bldg., San Francisco.
 Building permit applied for.

SAN FRANCISCO—California, and perhaps San Francisco, may become the location for a \$200,000 plant for the Kellogg Cereal Co., it is announced by W. K. Kellogg, president of the company. Machinery for the plant has already been ordered.

PETALUMA, Sonoma Co., Cal.—Golden Eagle Milling Co., plant suffer \$50,000 fire loss Dec. 30.

RICHMOND, Contra Costa Co., Cal.—Certainteed Products Corp., Richmond, will expend \$110,000 in additions and betterments during 1928, it is announced by Ralph Bergen, plant manager. Considerable money will be expended in equipment for the manufacture of roofing materials. Conveying and elevating machinery is included.

GRIDLEY, Butte Co., Cal.—A. M. Gilstrap, 555 63rd St., Berkeley, is seeking site for a new packing plant for interests headed by Oakland capitalists. No public announcement of the project will be made until a site has been selected.

Contract Awarded
WAREHOUSE Cost \$—
SAN FRANCISCO, S Lily st. W Frank-

lin.
 Two-story frame warehouse.
 Owner—Julius S. Godeau, 41 Van Ness ave.
 Architect—Gottschalk & Rist, Phelan Bldg.
 Contractor—J. H. Merz, 1578 Ellis st.
 (1469)

Permit Applied For
FACTORY Cost \$16,000
SAN FRANCISCO, N Tehama st., W 4th street.

Two-story reinforced concrete factory building.
 Owner—Riding & McKebber, 110 Sutter street.
 Architect—George E. Ralph, 110 Sutter street.

Plans Being Completed.
WAREHOUSE Cost, \$500,000
OAKLAND, Alameda Co., Cal. Ninth and Castro Sts.

Three-story reinforced concrete wholesale drug warehouse and offices.
 Owner—Langley & Michaels, 50 First St., San Francisco.
 Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Plans will be ready for bids in two weeks.

OLIVE, Orange Co., Cal.—Olive Heights Citrus Association of Olive, Orange County, is preparing to erect a new packing plant to replace the one recently destroyed by fire. The new building will be one-story and basement, 150x150 ft., hollow tile or reinforced concrete construction. Cost \$75,000.

VALLEJO, Solano Co., Cal.—J. E. Fuller, 905 York St., Vallejo, at \$10,000 has contract to erect first unit of new dyeing and cleaning plant to be erected for Classic Cleaners at 714 Sonoma St. Additional equipment will be installed.

GARAGES

PALO ALTO, Santa Clara Co., Cal.—The following bids were submitted to E. L. Beach, city clerk, to erect automobile sheds in City Hall Yard:
 Stephenson Const. Co., Hearst Bldg., San Francisco\$4484
 Peter Sorensen, S. F. 4978
 Bids taken under advisement until January 9.

SANTA MONICA, Los Angeles Co., Cal.—H. M. Roth Construction Co., National Bldg., Santa Monica, will build a two-story Class C garage and salesroom, at the corner of Fifth St. and Colorado Ave., Santa Monica, for Goodrum & Vincent, Bulk agents, Santa Monica; 150x150 feet. Cost, \$150,000.

Plans Being Figured.
AUTO BLDG. Cost, \$50,000
ANAHEIM, Orange Co., Cal.
 One-story brick auto sales building.
 Owner—Withheld.
 Architect—Guy L. Rosebrook, 1424 Franklin St., Oakland.
 Bids wanted for a general contract.

Plans Being Completed.
AUTO BLDG. Cost, \$50,000
ANAHEIM, Orange Co., Cal.
 One-story brick auto sales building.
 Owner—Withheld.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Architect—Guy L. Rosebrook, 1424 Franklin St., Oakland.
Bids will be taken about Jan. 1th.

GOVERNMENT WORK AND SUPPLIES

Sub-Bids Being Taken.
BARRACKS Cont. Price, \$414,415
PEARL HARBOR, T. H. Submarine Base.
Five reinforced concrete buildings and steam generating plant, barracks, etc. Owner—United States Government. Architect—U. S. Bureau of Yards and Docks, Washington, D. C.
Contractor—C. A. Blume, 1327 Sixth Ave., San Francisco.

As previously reported, all other work, including plumbing, heating, wiring and refrigeration, was let to Ralph E. Wooley, Honolulu, on a combined bid of \$128,000.

SAN FRANCISCO—Until Jan. 18, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to fur, and install refrigerating plants at that Letterman General Hospital. See call for bids under official proposal section in this issue.

PACIFIC COAST—The first deficiency bill carries an item of \$6,162,000 for construction of buildings and installation of utilities at military posts. The specific purpose for which funds allotted to the Pacific Coast is to be expended as follows:

Camp Lewis, Wash., hospital, \$128,000; officers' quarters, \$72,000; non-commissioned officers' do, \$30,000.
March Field, Calif., barracks, \$550,000; officers' quarters, \$750,000.
Schofield Barracks, T. H., hospital, \$260,000.

SAN FRANCISCO—David N. Morgan, 533 Market St., at \$442,500, under Specification No. 5533, awarded contract by Bur. of Yards and Docks, Navy Department, for oil burning equipment for Quarters No. 8 at Yerba Buena Island.

PORTLAND, Ore.—A complete bid listing for the U. S. Veterans' Hospital project at Portland, Ore., which were opened Dec. 29 by the U. S. Veterans' Bureau, Construction Division at Washington, D. C., are on file in the office of Larsen Advance Construction Reports and may be inspected by those interested.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California st., San Francisco):

Sch. 8266, Puget Sound, 1 tool grinder, Jan. 10.

Sch. 8268, eastern and western yards, torpedo air compressor and spares, Jan. 17.

Sch. 8280, Puget Sound, 200 rolls template paper, Jan. 10.

Sch. 8246, Mare Island or f. o. b. works, motor-driven sounding machines and spares, Jan. 10.

Sch. 8249, eastern and western yards, distributors, starting motors, generators, magnetos and spares for motor boat gasoline engines, Jan. 10.

Sch. 8255, Mare Island, Puget Sound and Brooklyn, turbo-generator sets and spare parts, Jan. 10.

Sch. 8262, Mare Island, corrosion-resisting bar steel, Jan. 10.

Sch. 8265, San Diego, 120,000 lbs. cotton raze; Mare Island, 200,000 lbs. do; Puget Sound, 160,000 lbs. do, Jan. 10.

Sch. 8269, eastern and western yards, brushes, paint, varnishes, etc. Jan. 10.

SAN FRANCISCO—The following bids were received by constructing quartermaster, Fort Mason, to repair three wharves, job complete, at Fort McDowell:

Renner Foundation Co., 628 Montgomery Street, San Francisco.....\$2480
Duncanson & Harrelson Co..... 2839
A. W. Kitchen..... 2874
M. H. McGowan..... 3100
Healy-Tibbitts Const. Co..... 3134
Ben. C. Gerwick, Inc..... 3331
Contract to be awarded to low bidder.
(1187) 1st report Dec. 10, 1927; 2nd report Dec. 15, 1927.

HALLS AND SOCIETY BUILDINGS

LOS ANGELES, Cal.—Elysian Lodge of a new temple on the site of the present No. 418, F. & A. M., proposes the erection building at the corner of Sunset Blvd and Echo Park Ave. A committee to assist in planning the building is composed of the following members: Rolland H. Holbrook, Carl Christie, John A. Vick, Arthur Beardsley and Stewart MacGillivray. An architect will probably be retained soon after the first of the year. Cost \$100,000.

VENTURA, Cal.—Ventura Lodge B. P. O. E., Ventura, has approved plans and is taking bids for a two-story clubhouse, 76x118 feet, to be erected at Main and Ash Sts., Ventura. Bids will be opened by the secretary of the club on January 20th. C. H. Russell, architect, 1106 Story Bldg., Los Angeles. The building will contain a lodge room, billiard room, library, etc. Cost, \$75,000.

Plans Being Completed.
CLUB BLDG. Cost, \$125,000
SAN FRANCISCO. Broderick and Baker Streets, 200x300 feet.

Two-story frame and stucco yacht club building.
Owner—St. Francis Yacht Club (Hiram W. Johnson).

Architect—Willis Polk Co., 277 Pine St., San Francisco.

Specifications will be started within a few days.

As previously reported pile driving awarded to Renner Foundation Co., 628 Montgomery St., San Francisco.

Officials of the Club include: Commodore, J. M. Punnett; vice-commodore and chairman of Board of Directors, Hiram W. Johnson Jr.; rear-commodore, Hart L. Weaver and H. W. A. Dinning, Leon de Fremery, Jerome B. White, Leon B. Walker, Wilfred Page and Austin Moore as members of the directorate.

LOS ANGELES, Cal.—Max Maltzman, Financial Center Bldg., has prepared working plans and is taking both general and segregated bids for a new temple to be erected at W. Adams and Hillcrest Aves., for the West Adams Hebrew Congregation. H. J. Bilkiss, president. It will contain an auditorium with seating capacity of 500. Dimensions, 65x50 feet; frame and stucco construction.

HOSPITALS

SACRAMENTO, Cal.—A 1000-acre site for a state narcotic hospital, isolated and special selected to permit the severance of all contacts with the outside world during the period of the addict's reformation, will be placed at the disposal of the state government, if the state will undertake erection of the necessary buildings, it is announced by Senator Sanborn Young of Los Gatos.

Plans Being Completed.
HOSPITAL Cost \$135,000
SONOMA, Sonoma County, Cal. Sonoma State Home. Two-story Class A fireproof hospital building.

Owner—State of California.

Architect—W. B. Faville, 1st National Bank Bldg., San Francisco.

Plans will be ready for bids about Feb. 1st.

SAN JOSE, Santa Clara Co., Cal.—John Carlson, 235 Sierra st., San Jose, at \$8896 submitted low bid and was awarded the contract by Henry A. Pfister, county clerk, to erect milking barn at county almshouse. Previous bids rejected. Binder & Curtis, architects, San Jose. Other bidders were:

Chas. A. Thomas, San Jose, \$9390; Collins & Martin, S. J., \$9422; E. K. Smith, San Jose, \$9600; George L. Honore, San Jose, \$9880; Morrison Bros., San Jose, \$10,250; White & Davidson Const. Co., San Jose, \$11,475.

RENO, Nevada—Dominican Sisters have acquired property at Sixth and Chestnut streets and plan immediate erection of a fireproof hospital building to contain 75 rooms. It will be known as St. Mary's Hospital.

Sub-Bids Being Taken.
HOSPITAL Cost, \$250,000
FRESNO, Fresno Co., Cal.—Villa Addition.

Three-story and basement reinforced concrete hospital, plaster exterior. Owner—Sisters of Holy Cross, South Bend, Ind.

Architect—Alfred I. Coffey, Phelan Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Construction will be started about January 15th.

LOS ANGELES, Cal.—Architects Edwin Bergstrom, Myron Hunt, Pierpont Davis, Sumner P. Hunt and Wm. Richards are completing plans for the general hospital building to be erected at Mission Rd. and Henry St., for Los Angeles County. Structural steel is being erected now and bids on general and other contracts will be advertised for shortly by the Board of Supervisors. Bids will be taken separately on general work, plumbing, heating, electric wiring and elevators. The general contract will probably amount to \$3,000,000 or more. Estimated cost, \$5,750,000.

WASHINGTON, D. C.—(By Special Wire).—Following is a list of low bidders for each unit of work on the proposed Veterans' Hospital to be erected at Portland, Ore., bids for which were opened by the U. S. Veterans' Bureau, Washington, D. C., December 29:

Construction Complete—N. P. Severin Co., Chicago, Ill., \$705,300
Plumbing—General Construction Co., Denver, Colo., 83,862
Heating—American Plumbing and Heating Co., Minneapolis, Minn., 128,300
Oil Tank and Burner—Simplex Oil Heating Corp., New York, N. Y., 18,576
Electric Work—Pacific Electric Const. Co., 1496 Mission st., San Francisco, 48,950
Elevators—Otis Elevator Co., 17,000
Refrigeration—York Ice Machine Co., Philadelphia, Pa., 19,419
Radial Brick Chimney—H. R. Heinecke, Inc., Indianapolis, Ind., 5,455

Sub-Bids Being Taken.
NURSES' HOME Cost, \$—
STOCKTON, San Joaquin Co., Cal.
Two-story reinforced concrete nurses' home.
Owner—St. Joseph's Nurses' Home.
Architect—Albert Caldwell, Mill Valley.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

LOMA LINDA, San Bernardino Co., Cal.—C. I. Swinhart, 1039 N. Vista St., has the contract and is taking sub bids for the erection of a sanitarium at Loma Linda, for the Loma Linda Sanitarium. G. H. Curtis, business manager. Plans prepared by Rex D. Weston, 527 I. W. Hellman Bldg. The building will be 2-stories and basement, will accommodate 175 patients. Dimensions, 200x40 feet, reinforced concrete and frame and stucco construction. Cost, \$200,000.

Completing Plans.
ALTERATIONS Cost, \$—
SAN JOSE, Santa Clara Co., Cal. Race Street.

Alterations and additions to sanitarium (maternity ward addition; remodel dormitory, etc.).

Owner—O'Connor Sanitarium (Sister Louise in charge).

Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

Contractor—Magna & Newell, 49 W-San Fernando St., San Jose.

Plans will be submitted for final approval shortly after the 1st of the year.

The first floor of the south wing will be provided with two new delivery rooms, a sterilizing room and other special equipment.

On the second floor, a new dormitory for the sisters will be constructed.

HOTELS

LOS ANGELES, Cal.—Architects Walker & Eisen, Western Pacific Bldg., have been commissioned to prepare plans for a thirteen-story and basement class A apartment hotel to be erected on Hollywood Blvd., west of La Brea Ave., for the Lilly-Fletcher Co. and associates. The building will probably be of reinforced concrete construction. Cost \$1,000,000.

LOS ANGELES, Cal.—Architect H. Alfred Anderson, Palace Theatre Bldg., has prepared plans for a six-story Class A hotel building to be erected at 641 West Seaside Blvd. for W. W. Compton and J. M. Compton. Work will be done by the day and sub-contract by the owners. Reinforced concrete construction; 100 rooms each with private bath. Cost, \$150,000.

Marble and Tile Bids Wanted.
HOTEL Cost, \$2,000,000
SAN FRANCISCO. SE Sutter and Powell Streets.

Twenty-three-story Class A hotel building Owner—Sutter-Powell Realty Co., Leo Huckins, Financial Center Bldg., (Manager).

Architect—Weeks & Day, Financial Center Bldg., San Francisco.
Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

Plastering—Peter Bradley, 639 Brannan St., San Francisco.
Glass—Fuller & Goepf, 32 Page St., San Francisco.

As previously reported, elevators awarded to Spencer Elevator Co., 166 7th St., S. F.; grading to Granfield, Farrar & Carlin, 67 Hoff St., S. F.; structural steel to Pacific Rolling Mills, 1200 17th St., S. F.; and U. S. Steel Corp., Russ Bldg., San Francisco.

SANTA BARBARA, Cal.—A. K. Bennett, manager of El Encanto Hotel, has organized the General Hotel Co. to take over the El Encanto Hotel. Architects Edwards, Plunkett & Howell have prepared preliminary plans for alterations to the hotel and for additional cottages to be erected at the hotel site.

Marble and Tile Bids Wanted.
HOTEL Cost, \$500,000
MERCED, Merced Co., Cal. Court House Drive and Seventeenth St.

Five-story reinforced concrete Class B store and hotel building (150 rooms, 100% baths and 10 stores).

Owner and Builder—R. McLeran & Co., Hearst Bldg., San Francisco.
Architect—Shea & Shea, 454 Montgomery St., San Francisco.

Engineer—Pierre Zucco, 166 Geary St., San Francisco.
Lessees—P. C. Denton and F. S. Gardner, Hotel Governor, 180 Turk St., San Francisco.

As previously reported, mill work awarded to Hollenbeck-Bush Co., Merced; plastering to Peter Bradley, 639 Brannan St., S. F.; plumbing and heating to Chas. Brown, 666 Mission St., S. F.; electric work to Oust & Robinson, Merced; elevators to Spencer Elevator Co.; 166 7th St., S. F.; reinforcing steel to Badt-Falk Co., Call Bldg., S. F.; grading to R. A. Hoffman, Merced; lumber to Chas. Nelson, 230 California St., San Francisco.

Plans Being Prepared
HOTEL Cost \$100,000
CITY LOCATION WITHHELD
Two-story class C hotel bldg., 50 rooms.
Owner—Name withheld.
Architect—Guy L. Rosebrook, 1404 Franklin st., Oakland.

Plans Being Prepared
HOTEL Cost \$125,000
CITY LOCATION WITHHELD
Two-story class C concrete hotel bldg., 60 rooms.
Owner—Name withheld.
Architect—Guy L. Rosebrook, 1404 Franklin st., Oakland.

Sub-Contracts Awarded.
HOTEL Cost \$800,000
SAN FRANCISCO, S Turk st., near Leavenworth st. Fifteen-story class A hotel bldg. (1500 rooms).
Owner—San Francisco Y. M. C. A.
Architect—Frederick H. Meyer, 742 Market st., S. F.
Contractor—K. E. Parker, 135 So. Park, San Francisco.
Plastering—Peter Bradley, 639 Brannan Street, San Francisco.
Tile Work—Art Tile & Mantel Co., 221 Oak Street, San Francisco.
Ornamental Iron—Folsom Street Iron Works, 17th & Missouri Sts, San Francisco.

As previously reported: Structural steel awarded to Judson Mfg. Co., 604 Mission st., San Francisco.

Structure will have steel frame, reinforced concrete walls, exterior of pressed brick erected will contain 400 rooms, the cost to be around \$300,000.

ICE AND COLD STORAGE PLANTS

SAN FRANCISCO—Until Jan. 18, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to fur and install refrigerating plants at at Letterman General Hospital. See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—Construction has been started on \$35,000 ice mfg. plant for Chico Ice & Cold Storage Co., a subsidiary of the Union Ice Co. of San Francisco. Work will be under supervision of Frank Scott from plans prepared by W. W. Williamson, engineer for the Union Ice Co.

Contract Awarded.
REFRIGERATION PLANT \$4179
PACIFIC COLONY, near Pomona, L. A. Co., Refrigerator plant.
Owner—State of California.
Architect—Geo. McDougall, State Architect, Forum Bldg., Sacramento.
Contractor—Creamery Package Mfg. Co., 2461 Porter St., Los Angeles.

Bids Opened
ICE PLANT Cost \$1,000,000
FRESNO, Fresno Co., Cal.

Reinforced concrete ice plant, 165 x 440 ft., and icing platform, 3300 ft.
Owner—Pacific Fruit Express Co., 65 Market st., San Francisco.

Architect—Eng. Dept. of Owner (Mr. Weatherwax).
Low Bidder—Lynch Cannon Co., Los Angeles, \$261,800.

Others bidders were:
W. D. Andrews, Portland\$263,229
Robert McKee, Los Angeles 276,209
Lynch Const. Co., L. A. 280,280
Barrett & Hilp, San Francisco..... 295,986
Fischer Shaw & Co., Fresno..... 290,861
Ware Co., El Paso 306,512
Sommer-Sollitt Co., L. A. 306,700
Clinton Const. Co., S. F. 210,000
I. M. Sommer Co., S. F. 314,382
Austin Co. of Calif, S. F. & L. A. 323,399
H. C. Vensano Co., S. F. 328,800
F. R. Siegrist Co., S. F. 331,200
Jasper Stacey Co., S. F. 350,113
E. W. Spraul Co., Chicago 352,671
Award to be made in 10 days.

POWER PLANTS

OAKLAND, Cal.—Until Jan. 23, 10 a.m., bids will be received by Geo. E. Gross, county clerk, to fur. motor control equipment for ventilating fans in Oakland and Alameda Ventilation Buildings of Estuary Subway. Cert. check 10% payable to clerk r.q. with bid. Plans obtainable from Geo. A. Posey, county surveyor on deposit of \$25. returnable.

CALIFORNIA—Los Angeles Gas & Electric Corp., announces that it will expend \$8,500,000 for expansions during the

year 1928. The principal items of building construction included in the program are the second unit of the generating plant at Seal Beach, two sub-stations and one step-down station to be constructed in Los Angeles. Other work will be extensions to the gas and electric transmission and distributing systems.

TRINITY COUNTY, Cal.—Supplementing previous requests to the State Division of Water Rights for a flow of water for a power project in Trinity county, Robert L. Little, Los Angeles, and George E. Waggoner, Stockton, have filed applications for 100 cubic feet of the flow of Stony Creek, Stuart's Fork and Deer Creek. The project will cost approximately \$5,000,000 and will be near Weaverville. In one application 25 cubic feet is sought from Stony Creek for 1400 horsepower of energy and in the other 75 cubic feet from the other streams for 20,000 horsepower. The applicants have plans to generate the electricity in connection with a mining venture and make use of four power houses in all.

PUBLIC BUILDINGS

MODESTO, Stanislaus Co., Cal.—Until Jan. 11, 7:30 P. M., bids will be received by H. E. Gragg, City Clerk, to fur and lay linoleum and corrugated rubber matting in addition to McHenry Library. Linoleum to be laid in the front entry, Librarian's office, reading room, cataloging room, juvenile room, and students' room. One (36) in. strip of corr. rubber matting to be laid in downstairs hallway, also strip (36) in. wide on stairway in a continuous piece from top of bottom and to be held tightly in place with Kirschcraft brass flat stair rods. Armstrong or Nairn 6 M. M. Battleship Linoleum shall be used, color to be brown No. 20. Before placing the linoleum the wooden floors shall be smooth and clean and coated with Armstrong's water resistant Linoleum paste. Before placing Linoleum on cement floor the surface shall be thoroughly dry and clean and coated with waterproof Linoleum cement. Rubber matting shall be corrugated type 1/4 of an inch thick and 36 inches wide. Cert. check 10% payable to Mayor of city reg. with bid. Further information obtainable from clerk.

Plans Being Completed.
MACHINERY BLDG. Cost, \$135,000
SACRAMENTO, Sacramento Co., Cal.
Fair Grounds.
Reinforced concrete machinery building.
Owner—State of California.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Plans will be completed about Jan. 15.

Bids to Be Advertised Next Week
ADDITION Cost \$15,000
OAKLAND, Alameda Co.
One-story frame and stucco addition to present 1-story brick shop building

ORNAMENTAL WIRE AND IRON WORK

IRON WIRE Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

(Industrial Home for Adult Blind).
Owner—State of California.
Architect—George B. McDougall, state architect, Forum Bldg., Sacramento.

SAN BERNARDINO, Cal.—Pach Realty Co., of Redlands, is organizing a company to purchase the old courthouse site at San Bernardino and erect a large theatre building.

LOS ANGELES, Cal.—It is announced that funds will be provided for a new postoffice and federal building, to be erected at Third St., and American Ave. It is expected that construction will be started about July 1. The building will ultimately cost about \$1,250,000 and the sum of \$500,000 will be provided for the first unit.

Plans Being Figured.

ANNEX Cost, \$13,000
LAKEPORT, Lake Co., Cal.
Two-story reinforced concrete annex to County Courthouse.

Owner—Lake County.
Architect and Contractor—Clarence W. Beck, Box: 486, Lakeport.

Plans and specifications obtainable from Fred H. Merritt, County Clerk, Lakeport. Deposit required \$10.

RESIDENCES

Plans Complete.

RESIDENCE Cost \$30,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame residence, Spanish type, 14 rooms, 4 baths.

Owner—Mr. and Mrs. Henry Sutherlin.
Architect—Masten & Hurd, Shreve Bldg., San Francisco.

Working Drawings Being Prepared.

RESIDENCES Cost \$25,000 each
SAN FRANCISCO, Jackson St., near Arguello Blvd. Four two-story and basement residences 10 and 11-rooms respectively; frame, stucco and brick veneer construction).

Owner—W. R. Voorhies, Inc., Premises.
Architect—P. Eugene Barton, Crocker Bldg., San Francisco.

Plans will be ready for bids in 2 weeks.

Plumbing Contract Awarded.

RESIDENCES. \$8500 each
SAN FRANCISCO. Property bounded by Woodside Ave., Idora Ave., Waithman Way and Portola Drive, Laguna Honda Blvd. Five one-story and basement frame and stucco residences (7 rooms each).

Owner and Builder—J. V. Campbell, 1072 Bryant St., San Francisco.

Plumbing—Chas Harper, 32 Cassell St., San Francisco.

At a latter date the land will be divided for 173 additional residences at a cost of approximately \$2,000,000. The street work is now being done by A. G. Raisch, 46 Kearny Street.

Low Bidder.

RESIDENCE Cost \$6000
BERKELEY, Alameda Co. Claremont District. One-story frame and stucco residence.

Owner—Mr. Doble.
Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Low Bidder—E. P. Wooley, Albany.

Preparing Working Drawings.

RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. Clinton Avenue.

Two-story frame and stucco residence (3 rooms and 2 baths).

Owner—J. Delany, Alameda.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Completed.

RESIDENCE Cost, \$40,000
PIEDMONT, Alameda Co., Cal.

Two-story and basement frame and stucco residence (Spanish type, 10 rooms, 5 baths).

Owner—Withheld.
Architect—Sydney, Archie and Noble Newsom, 14 Montgomery St., San Francisco.

Owner is in Los Angeles at present and upon return bids will be taken for a general contract.

Plans Being Figured.

RESIDENCE \$50000
LOS ALTOS, Santa Clara Co. 2-story

WE ALL received millions.

OF NECKTIES for Christmas.

SOME WERE pretty.

AND SOME harmonized only.

WITH A crazy quilt.

IF YOU don't believe Sandy.

WALK DOWN the street.

AND ACT as "necktie inspector."

BUT WE have to wear.

OUR CRAZY quilt-like ties.

BECAUSE OUR wife.

OR OUR sweetheart.

OR A rich aunt or uncle.

GAVE THEM to us.

CLARENCE (SANDY) Pratt, president.

OF THE Pratt Building Material Co.

CENTRAL OFFICE—San Francisco.

IS ONE of the victims.

OF THIS Yuletide indoor sport.

AND WHILE Sandy Pratt, producer.

OF CLEAN, sharp sand.

AND CLEAN, hard gravel.

AND CLEAN, crushed rock.

AT SACRAMENTO, Marysville.

PRATTROCK (NEAR Folsom).

MAYHEW (SACRAMENTO County).

residence, keeper's cottage, garage, stable, etc.

Owner—Henry Semeria, 159 Kearny St., San Francisco.

Architect—C. H. Skidmore, Call Bldg., San Francisco.

Plans Being Prepared.

RESIDENCE \$60,000

LOS GATOS, Santa Clara Co. 2-story frame and stucco residence (12 rooms) French farm design.

Owner—Theo F. Deering, New York.

Architect—Charles H. Skidmore, Call Bldg., San Francisco.

Plans will be ready for bids about Feb. 1st.

Contract Awarded

RESIDENCE Cost \$106,577

SARATOGA, Santa Clara Co., Cal., Grand View Ranch formerly owned by Dr. Gibson and located approx. three-eighths of a mile E of Mt. Eden rd. and 2 miles N from Saratoga on S. S. Pierce rd.

Country estate, large residence, etc.

Owner—P. M. Pike Investment Co., 2122 E 7th st., Los Angeles.

Architect—Lester H. Hibbard, 622 Metropolitan Bldg., 315 W 5th st., Los Angeles.

Contractor—Stanton, Reed & Hibbard, 622 Metropolitan Bldg., Los Angeles.

Contract Awarded

RESIDENCE Cost \$12,700

PIEDMONT, Cal., lot 13, Bandon Terrace.

Two-story frame and stucco residence, 7 rooms and garage.

Owner—Loida E. Davis.

Architect—Miller & Warnecke, 1104 Franklin.



AND PRATTCO (Monterey County).

LOVES ALL his relatives.

BOTH RICH and poor.

SANDY RECEIVED some neckties.

THAT WOULD look peculiar.

EVEN ON a person.

LIVING IN an insane asylum.

BUT POOR Sandy has.

TO WEAR these peculiar ties.

AND SAY, "I thank you."



B. A. SANDAB, jelly fish husband of the former society belle and social leader of the upper 400, MRS. U. R. ROCK-CANDY, "viewing" one of his crazy quilt-like Xmas time. Why didn't they give him a SAND colored tie?

Contractor—William H. Hooper, 732 Cragmont ave., Berkeley.

Contract Awarded

RESIDENCE Cost \$14,800

OAKLAND, Cal., SE cor. Trestle Glen and Stratford.

Two-story frame and stucco residence. (8 rooms and garage).

Owner—Herman Fisher, 496 Lake Park ave., Oakland.

Architect—None.

Contractor—F. T. Malley, 3788 Lakeshore ave., Oakland.

Working Drawings Being Prepared—Contract Awarded.

RESIDENCE Cost, \$125,000

SAN FRANCISCO. Washington St. near Laurel St.

Two-story, basement and attic residence.

Owner—Timothy Hopkins.

Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

Contractor—George Wagner, 181 South Park, San Francisco.

Permit Applied For.

RESIDENCE Cost, \$11,000

SAN MATEO, San Mateo Co., Cal. W 851 of 163 on Clark Drive.

Two-story frame and stucco residence and garage.

Owner—W. O. Mioloides, 218 Peninsula Ave., San Mateo.

Architect—None.

Permit Applied For.

RESIDENCE Cost, \$15,000

SAN MATEO San Mateo Co., Cal. Lot 16 Blk 6 Hayward Ave.

Two-story frame and stucco residence.

Owner—C. W. Levisse, 702 Farrington Ave., Burlingame.

Architect—None.

Contract Awarded.
RESIDENCE Cost, \$10,000
SAN FRANCISCO. E Baker — S Francisco Street.
 Two-story and basement frame and stucco residence.
 Owner—R. W. Mings, 1930 Sacramento St., San Francisco.
 Architect—H. E. Gray, 2074 Chestnut St., San Francisco.
 Contractor—Lang Realty Co., 2074 Chestnut St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, \$30,000
SAN FRANCISCO. St. Francis Wood.
 Two-story frame and stucco residence, (Spanish type).
 Owner—J. R. Bearwald.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Contractor—D. M. Gladstone, 77 O'Farrell St., San Francisco.
Mill Work—Pacific Manufacturing Co., Monadnock Bldg. San Francisco.
Painting & Decorating—D. Zelinsky and Sons, 165 Grove St., San Francisco.
Tile Roof—Malott and Peterson, 3221 20th Street, San Francisco.
Metal Sash—U. S. Metal Products, 330 10th Street, San Francisco.
Plumbing—Frank Klimm Co., 456 Ellis Street, San Francisco.
Electrical—Galvin Brothers.
Lathing and Plastering—Robert Starrett, 417 Market Street, San Francisco.
Sheet Metal—Reliable Sheet Metal Co., 472 5th Street, San Francisco.
Glass—Cobbledick Kibbe, 666 Howard St., San Francisco.
Concrete—Adam Arras Co., 185 Stevenson Street, San Francisco.
 As prev. rep. Excavating—Granfield Farrar & Carlin, 67 Hoff Street, San Francisco.
 (371) 1st report Oct. 26, 1927; 2nd rep. Nov. 14, 1927.

Plans Being Refigured.
RESIDENCE Cost, \$7500
SAN JOSE, Santa Clara Co., Cal. Hanchett Park.
 Two-story frame residence.
 Owner—W. A. Popp.
 Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

SCHOOLS

LOS ANGELES, Cal.—J. S. Metzger & Son, 332 W. Jefferson St., Los Angeles, were awarded the general contract by the Monrovia-Arcadia-Duarte high school district December 27th at \$347,400 for the erection of the four new high school buildings on Orange Ave., Monrovia. The award was based on bid No. 5 of \$350,000 with the following substitutions: (1) circular smokestack instead of octagonal; (2) tile substitution; (3) 20 year roof instead of 10 year; (4) omission of plastering on corridor ceilings. Winterbottom, 2425 Hunter st., Los Angeles, were awarded the plumbing contract on bid No. 1 at \$27,374 for the work complete. Jones Heating Co., Pasadena, was awarded the heating contract on main bid of \$49,472 for the work complete. E. C. Wickel, Glendale, was awarded electric wiring contract on bid No. 1 of \$31,930, using Benjamin switch boards, plus \$338 for motors in print shop, or total of \$32,268. Contracts for program clock and bell system, painting, hardware and equipment will be awarded later. Austin & Ashley, architects, Chamber of Commerce Bldg., Los Angeles. There will be four buildings. The construction will be reinforced concrete.
 (9501) 1st report Sept. 6, 1927; 6th report Dec. 23, 1927.

SOUTH PASADENA, L. A. Co., Cal.—J. F. Atkinson, Story Bldg., was awarded the general contract at \$280,889 for erecting a new junior high school building at South Pasadena for the board of education of South Pasadena. The contract was awarded on the original bid of \$284,489 for cast stone trim with deductions of \$800 for mahogany entrance doors and \$2800 for Weisteele partitions instead of marble. Norman F. Marsh & Co., Broadway Central Bldg., L. A., are the architects. Other contracts awarded were: Electrical work to Jacobs Electric Co., So Pasadena; painting to Robert P. Tuttle Co., and Heating to Thos. Haverty Co. The bids for heating were taken under advisement.
 (2973) 1st report April 15, 1927; 8th report Dec. 15, 1927.

OAKLAND, Cal.—Until Jan. 17, 10:45 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, to furnish and install interior equipment for Lakeview Junior High School in Harrison St. near 26th St., and in the Oakland High School at the s. w. corner of Park Blvd. and Hopkins St. Cert. check 10% payable to Board of Education req. with bid. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Following contracts awarded by Board of Education in connection with laboratories for Jefferson School Building, the complete list of bids having been published heretofore: W. T. Harris, general construction, \$6886; Fresno Planing Mill, millwork, glass and glazing, \$489; Barrett-Hicks Co., plumbing, \$6596; M. W. Hancock, painting, \$398; Wessel Electric Co., electric wiring, \$393; Fresno Hardware Co., finish hardware, \$246.

In connection with the Lincoln School laboratories, the following contracts were awarded: W. T. Harris, general construction, \$2913; Fresno Planing Mill, millwork, glass and glazing, \$238; Barrett-Hicks Co., plumbing, \$2423; M. W. Hancock, painting, \$159; Wessel Electric Co., electric wiring, \$199; Fresno Hardware Co., finish hardware, \$115.
 (1025) 1st report Dec. 1; 2nd Dec. 22,

ELK GROVE, Sacramento Co., Cal.—As previously reported, bids, bids will be received by Chas. H. Cooper, clerk, Elk Grove Union High School District, until January 16, 8 p. m., to erect gymnasium building. Dean and Dean, architects, 1406 California State Life Bldg., Sacramento. Will be one-story frame and stucco; estimated cost \$25,000. See call for bids under official proposal section in this issue.
 (9238) 1st report Aug. 19, 1927; 4th re-

PHOENIX, Ariz.—Supervising Architect John R. Kibbey, room 37, 660 S. Vermont Ave., Los Angeles, is taking bids from two selected contractors for the construction of a group of three college buildings at Phoenix, Ariz., for the William H. Brophy College; the college will be under the supervision of the Jesuit Fathers of the Roman Catholic Church. Father Rossetti, in care of Frank Brophy, Heard Bldg., Phoenix, Ariz.; the buildings will include a classroom building, faculty building and a large chapel; brick construction; the buildings will be connected by an arcade; \$250,000. Plans prepared by Architects Beezer Bros., 380 Market St., San Francisco. The two contractors who have been selected to bid are John Seffis, in care of Father Rossetti, and Wasielewski Co., N. E. Central Ave., and Glendale, Phoenix, Ariz.

ZAMORA, Yolo Co., Cal. — Chas. Unger, Winters, at approx. \$12,000

awarded contract by Xamora Union School District to erect one-story frame and stucco, 2-classroom (tile roof) school. Dean & Dean, architects, Calif. State Life Bldg., Sacramento. The contract was awarded after slight revision in the plans to bring the cost within the amount available for construction.

SAUSALITO, Marin Co., Cal.—Until Jan. 21, 5 P. M., bids will be received by S. G. Ratto, clerk, Sausalito School District, to fur. and install program electric clock in Central School. Specifications obtainable from Supt. of School at school building.

Plans Being Prepared
SCHOOL Cost \$150,000
MARTINEZ, Contra Costa Co., Cal., school property bet. Susana and Areba sts.
 Two-story brick school building, 18 classrooms.

Owner—Martinez Grammar School District (T. B. Swift, clerk).
 Architect—Louis S. Stone, 354 Hobart st., Oakland.

Erection of the structure depends upon bond issue for between \$150,000 and \$200,000 carrying. Provision will be made in the structure for manual training and domestic science shops and work rooms.

Commissioned To Prepare Plans.
SHOPS Cost, \$70,000
OAKLAND, Alameda Co., Cal. East Oakland High School.
 Two frame shop buildings.
 Owner—City of Oakland Board of Education.
 Architect—Miller & Warnecke, 1404 Franklin St., San Francisco.

Working Drawings Being Prepared.
SCHOOL Cost, \$175,000
PLACERVILLE, El Dorado Co., Cal. Reynolds Property Near Memorial Park.

Two-story Class B brick high school building (16 classrooms).
 Owner — Placerville Union High School District.

Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.

Commissioned To Prepare Plans.
ADMINISTRATION BLDG. Cost, \$200,000

OAKLAND, Alameda Co., Cal. Second Ave. and E-Tenth St.
 Three-story reinforced concrete administration building.

Owner—City of Oakland Board of Education.
 Architect—William Knowles, 1214 Webster St., Oakland.

SUNNYVALE, Santa Clara Co., Cal.—The following bids were received by Fred T. Butler, clerk, Sunnyvale School District, to erect frame addition to boiler room containing manual training shop and store room. Bids are wanted for a general contract including excavating and grading, concrete, carpentry work, lumber, mill work, painting, roofing and electric work. Wolfe & Higgins, architects, Realty Bldg., San Jose:
 C. F. Kiesling, San Jose.....\$1879
 Frank Neves, San Jose.....2041
 George Huston, San Jose.....2136
 H. Bridges, San Jose.....2179
 Ruth Bernard, San Jose.....2288
 Contract to be awarded to low bidder.

Sub-contracts Awarded
COLLEGE BLDG. Cost \$1,500,000 to \$1,750,000.

MORAGA, Contra Costa Co., Cal. Group of fourteen one, two and three-story class B steel and reinforced concrete college buildings, Spanish California style of architecture.

Owner—St. Mary's College.
 Architect — John J. Donovan, Tapscott Bldg., Oakland.

Contractor—J. P. Brennan, St. Mary's College, Moraga.
Mill Work—Tilden Lumber Co., 2nd and Harrison, Oakland.

Steel lockers—Worley & Co., 525 Market st., S. F.
Frame—Lannon Bros. Co., 5th & Magnolia st., Oakland.

As previously reported: Roofing awarded to General Roofing Co., 486 California st., S. F.; heating to B. F. Sturtevant Co., Monadnock Bldg., S. F.

Plans Being Prepared.
INFIRMARY BLDG. Cost, \$—
BERKELEY, Alameda Co., Cal. E Col- lege Avenue.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
 HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Steel frame and concrete infirmary building.

Owner—University of California.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

Plans will be completed in about 90 days.

ZAMORA, Yolo Co., Cal.—The following bids were received by Zamora union school district, and opened Dec. 28, 7 p.m., to erect 1-story frame and stucco, 2-classroom, tile roof school. Est. cost \$12,000. Dean and Dean, architects, Calif. State Life Bldg., Sacramento.

Chas Unger, Winters.....	\$12,580
William Delaney, Lincoln.....	12,621
Mathews Const. Co., Sacramento.....	13,238
Lamb & Bobbick, Sacramento.....	13,266
W. Whitfull.....	13,400
Herndon & Finnigan, Sacramento.....	13,800
W. L. Chatterton.....	13,952
Ray W. Fisher, Woodland.....	14,037

All bids taken under advisement. Bids ran high and low bidder may be asked to refigure.

GLENDALE, Los Angeles Co., Cal.—Architect George M. Lindsey, Erwood P. Eiden, associate, are completing working drawings for the new music building and the shop building to be erected on the Broadway high school site, Glendale, for the Glendale union high school district. Call for bids will be issued about January 13th. The music building will be a three-story, class B structure, 70x115 ft., containing fifteen classrooms and a small auditorium; reinforced concrete walls. Cost \$90,000. The shop will be two-story and part one-story, containing 35,000 square feet of floor space, and will house departments for various trades and crafts; reinforced concrete and brick construction. Cost \$100,000.

BANKS, STORES & OFFICES

Sub-Bids Being Taken.

STORE BLDG. Cont. Price, \$31,865
SAN RAFAEL, Marin Co., Cal. Fourth St., bet. A and Loutens Place, 50x150 feet.

One-story brick and concrete store building, foundation to be laid for additional story.

Owner—Dr. Robert Lovell, Masonic Bldg., and Howard C. Sparrow, Willard Battery Co., San Rafael.

Architect—Eng. Dept. of J. C. Penny Co., New York.

Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.

Lessee—J. C. Penny Company.

Plumbing & Steam Heating Bids Wanted
STORE BLDG. Cont. Price, \$23,951
SAN RAFAEL, Marin Co., Cal. Fourth Street.

Two-story reinforced concrete building (1 store and 1 apartment).

Owner—M. Schwartz, San Rafael.

Architect—S. Heiman, 57 Post St., San Francisco.

Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.

LONG BEACH, L. A. Co., Cal.—Meyer & Holler, 317 Wright & Callender Bldg., Los Angeles, are preparing plans and have contract to erect a class A department store building at the northwest corner of 4th St. and Pine Ave., Long Beach, for Hugh A. Marti & Co. Work on the structure will be started upon completion of the plans. It will probably be six stories and basement. The site is 150x150 feet. Steel frame construction. Cost, \$500,000.

LOS ANGELES, Cal.—Architects John Parkinson and Donald B. Parkinson, 429 Title Insurance Bldg., have been commissioned to prepare plans for a bank and store building to be erected at the northwest corner of Hollywood Blvd., and Sycamore Ave. for the Security Trust & Savings Bank. It will be one-story, 80x140 ft., and probably of reinforced concrete construction.

OAKLAND, Cal.—Pig'n Whistle Candy Store at 511 Fourteenth St., suffered \$35,000 fire loss Jan. 1. Damage mostly due to smoke and water.

VISALIA, Tulare Co., Cal.—Fire partially destroyed structure housing Riverside Restaurant in Main street with loss estimated at \$30,000. In all, five stores suffered losses.

Segregated Bids Being Taken.

BANK, ETC. Cost, \$40,000
SAN FRANCISCO. Twenty-fourth and Castro Sts.

Two-story Class C reinforced concrete bank and office building.

Owner—American Trust Co., 464 California St., San Francisco.

Architect and Mgr. of Constr.—C. R. Colluppy, 465 California St., S. F.

(19461) 1st report Sept. 1; 5th Dec. 22.

BURLINGAME, San Mateo Co., Cal.—See "Apartments," this issue.

Contemplated.

ADDITION Cost, \$300,000
OAKLAND, Alameda Co., Cal. Fourth and Alice Streets.

Four-story and basement concrete addition to present building.

Owner—Skaggs Safeway Stores, Oakland. Engineers—Couchot & Rosewald, 60 Sansome St., San Francisco.

Plans Being Prepared.

STORE BLDG. Cost, \$—
BERKELEY, Alameda Co., Cal. Shattuck Ave. near Center St.

One-story brick veneer store building (2 stores).

Owner—Withheld.

Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.

Plans Being Figured.

AUTO SALES BLDG. Cost, \$60,000
SANTA ANA, Orange Co., Cal.

One-story steel frame and brick auto sales building.

Owner—Mr. Riley.

Architect—Guy L. Rosebrook, 1424 Franklin St., Oakland.

Bids are being taken for a general contract. About 10 days will be allowed for figuring.

Plans Being Figured—Bids Close Jan. 7.

LOFT BLDG. Cost, \$26,000
OAKLAND, Alameda Co., Cal. Ninth and Webster Streets.

Two-story Class C loft building.

Owned—Dr. R. N. Blanquie, 934 Warfield Ave., Oakland.

Architect—A. Froberg, 505 17th St., Oakland.

Bids are being taken from a selected list of contractors.

Plans To Be Prepared.

STORE BLDG. Cost, \$—
SAN FRANCISCO. Howard St. Near Fourth St.

Two-story reinforced concrete store building, 50x80 feet.

Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.

Architect—W. H. Crim, 425 Kearny St., San Francisco.

COACHELLA, Riverside Co., Cal.—W. J. Briggs will erect a brick business building, 50x100 ft., at Broadway and Vine Sts., for himself.

Plans Being Completed.

SALES BLDG. Cost, \$60,000
SANTA ANA, Orange Co., Cal.

One-story steel frame and brick auto sales building.

Owner—Mr. Riley.

Architect—Guy L. Rosebrook, 1424 Franklin St., Oakland.

Plans will be ready for bids about January 4th.

(1311) 1st report Dec. 17, 1927. 16

Bids In—Contracts To Be Awarded In

One Week

AUTO BLDG. Cost, \$75,000

LONG BEACH, Los Angeles Co., Cal.

One-story reinforced concrete and brick automobile maintenance building.

Owner—Withheld

Architect—Guy L. Rosebrook, 1424

Franklin St., Oakland.

THEATRES

SAN BERNARDINO, Cal.—Balch Bros. Bros., Film Exchange Bldg., Washington St. and Vermont Ave., Los Angeles, will proceed with working plans for a 2-story and part 3-story, class A theatre building to be erected at corner of I and New Court St., San Bernardino, for Edward J. Boesche, and to be leased by the West Coast Theatres, Inc., Los Angeles; auditorium to seat approximately 1600 people, stores and offices, Spanish type, reinforced concrete construction. Cost, \$300,000.

Sub-contracts Awarded

THEATRE Cost, approx. \$2,000,000

SAN FRANCISCO. Block bounded by

Market, Hayes, Larkin and Polk sts.

Class A theatre building with seating

capacity of 5200.

Owner—The Capital Company, A. P.

Giannini, president.

Lessee—Fox Film Corp.

Architect—Thomas W. Lamb, 8th Ave.,

New York City, and H. A. Minton,

Bank of Italy Bldg., San Francisco.

Engineer—H. L. Nishkian, Underwood

Bldg., S. F.

Mechanical Engineer—Chas. T. Phillips,

550 Montgomery st., S. F.

Contractor—MacDonald & Kahn, Finan-

cial Center Bldg., S. F.

Hollow metal, ornamental iron and bronze

work—A. J. Bayer Co., Los Angeles.

As previously reported; reinforcing steel

awarded to Gunn, Carle & Co., 444 Mar-

ket st., S. F.; lumber to Reinhart Lum-

ber Co., Jerrold and Barneveld sts., S.

F.; plastering to Peter Bradley, 639 Bran-

nan st., S. F.; travertine to P. Grassi &

Co., 1945 San Bruno ave., S. F.; form

lumber to S. P. Lumber Co., foot of

Mason st., S. F.; excavating to McClure

& Chamberlin, 609 Octavia st., S. F.

61960) 1st report Aug. 15, 1925; 27th

FRESNO, Fresno Co., Cal.—Following

contracts awarded in connection with

Pantages Theatre Building, a two-story

Class A structure with stores, offices

and theatre:

Brick work and setting art stone, to

Paul Kindler, Fresno.

Granite Bases to Raymond Granite

Co., San Francisco.

Elevators to Otis Elevator Co., Fresno.

Art stone to Watkins Co., Los Angeles.

Painters & Decorators

INTERIOR AND EXTERIOR PAINTING

IN ALL ITS BRANCHES

DAMP-PROOFING AND COMMERCIAL

SPRAY PAINTING

FLOOR HARDENING

R. J. McDONALD

San Francisco

470 Treat Avenue

Hemlock 2784

Ornamental iron work to C. J. Hillard Co., San Francisco.
As previously reported, Harvey A. Nichols, Bank of Italy Bldg., Los Angeles, has contract for reinforced concrete and rough carpentry and Minneapolis Steel & Machinery Co., Los Angeles, the structural steel. Theatre will have seating capacity of 2000 with balcony. Structure is designed to carry six additional stories. B. Marcus Pretica, architect, and B. Sonnickson, associate, Pantages Theatre Bldg., Los Angeles. (3739) 1st report June 14; 7th Sept. 23.

WHARVES AND DOCKS

SAN FRANCISCO—Frank G. White, Chief Engineer, State Harbor Commission, Ferry Bldg., is preparing plans for new \$1,000,000 pier to be known as Pier No. 1, north of the Ferry Building to provide facilities for the river steamer trade. Plans are also under way for a \$1,500,000 pier to be known as Pier No. 48 to be constructed south of Channel St. to be 620 feet long and 375 feet wide.

MISCELLANEOUS BUILDING CONSTRUCTION

CORCORAN, Kings Co., Cal.—Chamber of Commerce backs proposal for municipal airport and has appointed a committee to secure estimates for sites, etc.

LOS ANGELES, Cal.—Schofield Engineering Construction Co., 1100 Pacific Finance Bldg., has been awarded contract of the two-story and part three-story and basement cafeteria building, 62x150 ft., to be erected at 618-24 S Broadway for Schaber Cafeteria Co., Inc. Union Iron Works has the contract for structural steel work and N. Clark & Sons have the contract for terra cotta work. Whiting-Mead Co. will wreck the building now on the site. Chas F. Plummer, architect, 1198 Story Bldg. Reinforced concrete basement story construction. Cost \$200,000.

OAKLAND, Alameda Co., Cal.—Symon Bros., 22nd ave. and E 14th st. Oakland, were awarded the contract by Architect C. W. McCall, 1404 Franklin st., Oakland, for wrecking the old Grant School building situated on Broadway.

LOS ANGELES, Cal.—Architects Edward Cray Taylor and Ellis Wing Taylor, 810 W 6th St., have prepared preliminary plans and will start the preparation of working drawings at once for a one-story class C natatorium at Grand Ave and Venice Blvd for Louisa Sanchez, and to be occupied by Major Carter. It will be an L-shaped structure, each section being approximately 50x140 ft., and will contain three pools, one 35x100 ft., and the other two each 20x35 ft. Shops and offices will be provided. Cost \$40,000.

Contract Awarded.
DORMITORY Cost \$40,000
SAN ANSELMO, Marin Co., Cal. Two-story and basement concrete and hollow tile boys' dormitory.
Owner—Presbyterian Orphanage & Farm (Elmer Newhall, 260 California St.), San Francisco.
Architect—Benjamin S. Hayne, Hobart Bldg., San Francisco.
Contractor—J. Harold Johnson, 666 Mission St., San Francisco.

SACRAMENTO, Sacramento Co., Cal.—The following bids were received by H. G. Denton, City Clerk, to furnish and install freight elevator at M street wharf. Pacific Elevator Co., 45 Rausch St., San Francisco, \$14,285; Otis Elevator Co., San Francisco, \$19,240. Bids taken under advisement. To be awarded January 5th.

SAN FRANCISCO—Park and Playground Committee of Board of Supervisors will meet with Park Commission to consider preliminary plans for the proposed addition to the Kezar Stadium in Golden Gate Park opposite the Polytechnic High School. Will provide additional seating capacity for 75,000 persons.

SAN FRANCISCO—D. C. McCabe, Call Bldg., at \$4234 sub. low bid to Playground Commission for asphalt court and concrete retaining wall at Excelsior Playground. Other bids: Meyer Rosen-

berg, \$4440; Eaton & Smith, \$4500; Peter Sorenson, \$4965; C. C. W. Haun, \$4995; Vogt & Davidson, \$6487; Fay Imp. Co., \$6214.

SAN FRANCISCO—Standard Fence Co., 432 Bryant St., at \$3477 submitted low bid to Playground Commission to construct tennis and basketball court fences at University Mound, West Portal and Julius Kahn Playgrounds. Other bids were: National Fence Co., \$3881; Michel & Pfeffer, \$4370; West Coast Wire & Iron Works, \$4975.

OAKLAND, Alameda Co., Cal.—The following bids were received by Walter S. Chandler, secy., Board of Park Division, 407 City Hall, to erect barb wire fence and wire fabric fence in Sequoia Park:

Fabric Fence

Alt. No. 1, per lin. ft; alt. No. 2, per gate.

Liberty Ornamental Iron & Wire Works, 21st and Filbert st., Oakland, 1, \$1.27; 2, \$21.

Standard Fence Co., S. F., 1, \$1.44; 2, \$22.

National Fence Co., S. F., 1, \$1.64; 2, \$21.

Barb Wire

Liberty Ornamental Iron & Wire Works, Inc., Oakland, 1, 38c; 2, \$6.

Standard Fence Co., S. F., 1, 47c; 2, \$4.25.

National Fence Co., S. F., 1, 70c; 2, \$17.

Bids taken under advisement.

Contract Awarded
WAREHOUSE Cont. price \$14,995
EMERYVILLE, Alameda Co.
Installation of sprinkler system in warehouse.

Owner—Pac. Gas & Elec. Co., 17th and Clay sts., Oakland.
Architect—None.

Contractor—Fire Protection Engineering Co., 142 Sansome st., S. F.

Excavating Contract Awarded.
DORMITORY Cost, Approx., \$350,000
BERKELEY, Alameda Co., Cal. Rim Road east of Greek Theatre and north of Stadium.

Two, three, four, five, six and seven-story Class A girls' dormitory (Bowles Dormitory).

Owner—University of California.
Architect—Geo. W. Kelham, 315 Montgomery St., San Francisco.

Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Excavating—J. Catucci, 1212 18th Ave., Oakland.
(9145) 1st report Aug. 15; 9th Dec. 13.

CROCKETT, Contra Costa Co., Cal.—Lee F. Hudson, district passenger agent for Southern Pacific R. R. Co., announces plans have been completed by the Engineering Department of the company for a new freight and passenger depot to be erected in Crockett.

SAN FRANCISCO—State Board of Harbor Commissioners, Ferry Bldg., contemplate the purchase of a new steel dredge and towing barges, also a clamshell dredger. Frank G. White is chief engineer.

VENTURA, Cal.—L. G. Schuller, Ventura, has the contract to erect buildings in Ojai Valley for Order of the Stat. J. Krishnamurti, leader. The first building will be permanent bathhouses, to accommodate 400 people each, and a kitchen to care for 1600 people.

OAKLAND, Cal.—City Port Commission rejects bids to fur. 2000 cu. yds. crushed red rock and 1000 cu. yds. rock screenings for municipal airport. The material has been purchased in the open market.

BERKELEY, Alameda Co., Cal.—The following bids were received and rejected by E. M. Hann, city clerk, to erect city pond buildings in Second st., south of University ave. James W. Plachek, architect, Mercantile Bank Bldg., Berkeley:

Emil Person, 829 San Luis st., Berkeley	\$5721
John M. Bartlett, Oakland	6509
Sullivan & Sullivan, Oakland	6360
Health & Wendt, Berkeley	6383
Connor & Connor, Oakland	7600
Vogt & Davidson, S. F.	7320
Peter Sorensen, S. F.	3448

All bids rejected as being too high. Plans will be revised slightly and new bids advertised shortly.

Construction Started.

STATION Cost, \$10,000
SAN FRANCISCO. Ellis and Taylor Sts. Steel frame wash rack service station. Owner—Larry Barrett.
Architect and Contractor — Barrett & Hilp, 918 Harrison St., San Francisco

SPADRA, Los Angeles Co., Cal.—Until January 24, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general construction of Employees Building and Garage at the Pacific Colony, Spadra. Separate bids will be received for mechanical work which includes plumbing, heating and electrical work. Separate bids will also be considered for electrical work and for plumbing and heating. Combined bids will also be considered for all three branches of the work. The Employees Building will be a two-story building with reinforced concrete exterior walls, tile roof and reinforced concrete and frame interior construction. The garage will be of reinforced concrete construction with composition roof and wire partitions. Geo. B. McDougall, State Architect. Estimated cost, \$50,000. See call for bids under official proposal section in this issue.

MERCED COUNTY, Cal.—H. C. Whitely, Sanger, at \$22,171 (eng. est. \$26,149) awarded cont. by State Highway Comm. to const. 8 reinf. conc. bridges bet. 3 mi. and 12 mi. south of Merced.

EUREKA, Humboldt Co., Cal.—Henry Padgett, Eureka, at \$2300 awarded cont. by county to const. reinf. conc. bridge over Salmon Creek near Miranda. Frank Bryant, \$2289, and W. F. Wolfe, \$2644, next two low bidders.

STANISLAUS COUNTY, Cal.—Lee J. Immel, Berkeley, at \$15,279 awarded cont. by State Highway Comm. to widen 6 conc. bridges at points bet. Turlock and north boundary; eng. est. \$19,760.

ORANGE COUNTY, Cal.—Following bids rec. Jan. 3 by state highway comm. to const. reinf. conc. girder bridge over Aliso creek about 8 mi. north of San Juan Capistrano, width 40-ft. rdwy., consisting of two 20-ft. spans; and to widen to 40-foot rdwy. an existing reinforced concrete girder bridge about 2 mi. south of Tustin, consisting of two 15-ft. spans: Paul M. White, Santa Monica \$21,971
R. L. Oakley, Palo Alto 22,972
R. Johnson, Glendale 23,380
Calif. Air Const. Co., L. A. 23,442
A. R. Bishop, Long Beach 23,747
R. L. Lipp, Hollywood 24,232
Warren & Warren, L. A. 24,425
Allen Bros., Inc., L. A. 24,811
Obig Bros., L. A. 27,002
Engineer's estimate 25,269

AMADOR COUNTY, Cal.—Until Jan. 19, 2 p. m., bids will be rec. by R. E. Pierce, acting district eng., State Highway Comm., 414 Highway Bldg., Sacramento, to const. timber bridge over Dry creek, 2.3 mi. west of Ione, consisting of eight 19-ft. spans on creosoted pile bents. See call for bids under official proposal section in this issue.

Leo Cooper will operate from 1342 Rhode Island St., San Francisco, under the firm name of Cooper Electric Company.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Engineering News Section

BRIDGES

SEATTLE, Wash.—John E. Carroll, president of the city council, proposes election for March 12 to vote bonds of \$500,000 to aid in the const. of a bridge across the n.w. arm of Lake Union at or near Stony Way. The last legislature appropriated \$500,000 towards such construction and the county commissioners have appropriated a like amount, anticipating the bridge will cost \$1,500,000.

SAN FRANCISCO—Board of Supervisors has authorized Board of Public Works to prepare plans and ask bids for construction of pipe and tie rod anchors for Third street and Channel bridge. Work will be financed under Budget Item No. 25, 1926-27.

SAN FRANCISCO—Major John G. Little, consulting engineer, 251 Kearny St., has submitted a plan to the State Harbor Commission, proposing to use the foot of Market street as the San Francisco terminal for the proposed bridge over San Francisco Bay. Plans provide for a structure from the Ferry Building to Goat Island and from Goat Island to Oakland; 3,000 ft. of the structure bet. San Francisco and Goat Island would be 185 ft high. The bridge from Goat Island to the Oakland side would be a trestle with a lift span in the center. Bridge will provide for triple decking of the Ferry Building, the first deck being for automobile traffic, the second for street cars and the third for interurban trains.

VENTURA, Cal.—Until 11 a. m., Jan. 18, bids will be rec. by county to const. reinf. conc. culvert, 10x10x85-ft., with earth fill, corr. iron pipe gutter drains, and 772 ft. of conc lined gutter. Plans may be obtained from county surveyor, Chas. Petit. Cert check 10%. L. E. Hollowell, clerk.

BAKERSFIELD, Kern Co., Cal.—Weitzel & Larson, Bakersfield, at \$2806 awarded cont. by county to const. cem. culvert over Lower Canal in 18th St. Dean & Stroble, \$2993; E. W. Kranz, \$3480; Roy E. Meyers, \$34.50.

DREDGING, HARBOR WORKS AND EXCAVATIONS

PALO ALTO, Santa Clara Co., Cal.—City has \$4000 available for diking and dredging on city property adjacent to the bay. The work will be done by contract. Approx. 7000 lin. ft. will be diked. J. F. Bxybee, Jr., is city engineer.

21

LIGHTING SYSTEMS

SANTA ANA, Cal.—Walker Martin, 4251½ S Western Ave., Los Angeles, was awarded cont. by city at \$38,095 for ornamental street lighting system in Flower street and other streets, involving Marbelite standards.

SANTA ANA, Cal.—County supervisors authorize Nat H. Neff, co. supt. of highways, to prepare plans for \$20,000 lighting system for Westminster.

BERKELEY, Alameda Co., Cal.—City Eng. A. J. Eddy preparing plans for extension of electrolier system in Shattuck Ave., bet. Durant Ave. and Ward St., a distance of 8 blocks. Estimated cost, \$30,000. Emma M. Hann, city clerk.

SACRAMENTO, Cal.—Latourrette-Fical Co., 907 Front st., Sacramento, at \$26,975 awarded cont. by city to install or-

namental electrolier system in portions of Alhambra blvd., K, L, M sts., etc.

RAILROADS

SNYDER, Tex.—Capt. Ed Kennedy, promoter, has raised \$800,000 in money and property to complete short line railroad from Snyder, Tex., to Roswell, N. M. Upon completion this line is to be taken over by a main trunk railway.

FIRE ALARM SYSTEMS

SACRAMENTO, Cal.—City rejects bids for automatic traffic signals at various street intersections with the exception of an offer of one already installed at 21st and Y Sts. by the Acme Signal Co., at \$1631. The company offered to install five additional signals for \$10,365.32. Waterhouse Signal Co. bid \$9990 for six signals. City Engineer A. J. Wagner, however, favors installation of the Waterhouse type declaring them to be superior.

ORANGE, Cal.—Until 1 p.m., Feb. 7, bids will be rec. by city to fur. One 750-gallon Triple Combination Pumper, with 80-gallon water tank and 200-ft of ¾-in. chemical hose. One 12-ft 3-in flexible suction hose with proper reducers. One Siamese connect. 2½-in. to 1½-in., Two 1½-in. shut off nozzles with ½-in., ¾-in. and ¾-in. tips. One double male 2½-in. connect. One double female 2½-in. connection. Hose body for not less than 1200 ft 2½-in. hose, and 400 ft. 1½-in. hose. Specifications for said engine must accompany each bid. Cert check, 10%. Payment for above equipment will be made as follows: \$2000 plus allowance for old truck, balance divided into five yearly payments at the rate of 6%. Cal D. Lester, city clerk.

FIRE EQUIPMENT

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Seagrave Corp., San Francisco, at \$3950 awarded cont. by city to fur. and install 750-gal per min. pump on chemical engine and hose car now owned by city.

SEWERS AND STREET WORK

BAKERSFIELD, Kern Co., Cal.—As previously reported, Union Paving Co., Cal Bldg., San Francisco, at \$127,787

**A 500 candlepower Flare
Light is not heavy or bulky,
and gives a strong light.**

E. D. BULLARD Co.

565 HOWARD St. 800 W. 11th St.
San Francisco Los Angeles
Doug. 6320 Westmore 4179

awarded cont. to imp. sts., east of Union Ave. Project involves 511,470 sq. ft. grading; 416,598 sq. ft. 3½-in. asph. base with 1½-in. Warrenite wearing surface; 95,132 sq. ft. 4-in asph. base with 1½-in. Warrenite wearing surface, 26,428 sq. ft. concrete gutter; 7991 lin. ft. concrete curb; 288 sq. ft. coner. sidewalk; 1588 lin. ft. corr iron and coner culverts; 175 lin. ft. concrete header; 13,634 sq. ft. graded shoulders; 3480 lin. ft. headers. Other bids were: Calif. Const. Co., San Francisco, \$133,893; Thompson Bros., Fresno, \$134,123; Hanrahan Co., San Francisco, \$134,871; Valley Paving & Const. Co., Visalia, \$138,269; Heafey-Moore Co; Oakland, \$141,847; Chas U. Heuser, Glendale, \$144,818; Cal. Road & St. Imp. Co., Fresno, \$145,540.

SAN GABRIEL, Cal.—Until 7:30 p. m., January 17, bids will be rec by city to const. storm drain in Longden Ave., comprising approx. 2000 feet of 48-in. light reinf. conc. pipe with manholes, basins and appurtenances. Plans obtainable from city clerk, Ira H. Stouffer. Cer. check, 10%.

SANTA ROSA, Sonoma Co., Cal.—County supervisors commission R. Press Smith, consulting engineer, to prepare spec. for imps. in Rd. Dist. No. 5 to pave with conc. the Middle Two Rock Road for approx. 2 mi. west of Petaluma-Two Rock highway from Corliss corner; est. cost, \$18,000.

OAKLAND, Cal.—City declares inten. to imp. portions of E-14th St., bet. 61st Ave. and Grant Ave., involv. grade; side-walks. 1911 Act. Protests Jan. 19, Frank C. Merritt, city clerk. Geo. Randle, city engineer.

OAKLAND, Cal.—Until Jan. 12, 1928, bids will be rec. by Frank C. Merritt, city clerk, to imp.:

Portions of E-17th St., 3rd Ave. and 4th Ave., involv. grade; curbs; walks; pave.

Portions of Mauritania Ave., involv. grade; pave; curbs.

Harding Way, bet. Fruitvale Ave. and west line of Tiffin Rd., and Tiffin Rd., bet. Fruitvale Ave. and Fruitvale Garden Farms tract, involv. grade; pave; curbs; walks; gutters; conduit.

1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of Clerk. Geo. Randle, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 12, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (405) to imp. Hunolt St., bet. Ocean Ave. and termination of Hunolt St., involv. 5-in. conc. pave.; conc. curb, vit. sewer laterals; wye branches; w. i. water service connections; conc. meter boxes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Spec. obtainable from Roy Fowler, city engineer.

ELSINOR, Cal.—Until 9:30 A. M., Jan. 11, bids will be rec. to imp. Main, Franklin, Pottery, and other streets, involv.: (1) 29,682 sq. ft. 6-in. asph. coner. pave., (open specifications); (2) 124,725.68 sq. ft. 5-in. asph. coner. pave., (open specifications); (3) 23,130.21 sq. ft. 2-in. asph. coner. (to be placed on concrete); (4) 6132.37 ft. curb; (5) 1087.28 sq. ft. sidewalk; (6) 453.75 ft. 6-in. sewers; (7) 118 ft. 4-in. house connection sewers; (8) 941 ft. 2-in. W. S. water pipe, with fittings, etc. Plans obtainable from Glenn Graham, city eng. C. J. Kalina, city clerk. 1911 Act.

SAN JOSE, Santa Clara Co., Cal.—City declarese inten. (3975) to imp. Myrtle St., from manhole in Newton St. to manhole in Morris St., involv. 6-in. vit. san. sewer; br. manholes; vit. house sewers and portions of Hamlin St., involv. vit. sewers; br. manholes; vit. side sewers. 1911 Act, Bond Act 1915. Protests Jan. 16, John J. Lynch, city clerk. Wm. Popp, city engineer.

SANTA BARBARA, Cal.—City Eng. E. B. Brown, preparing spec. to imp. Ca-

brillo blvd. east of Cabrillo Pavilion, by widening to 50 ft., and imp. from that point to junction with coast highway. Pave. will be 5-in. conc. at the sides with a 2-in. asph. conc. surf. over present asph. Est. cost \$15,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 12, 9 a. m., bids will be rec. by S. A. Evans, city clerk, (404-C) to imp. portions of Woodrow ave., California ave., Delaware ave., Wilkes circle, Bethany circle, etc., involv. 4-in. water-bound macadam pave. with asph. oil surface; conc. curbs and gutters. 1911 act. Cert. check 10 per cent payable to city req. Spec. obtainable from Roy Fowler, city eng.

SAN LUIS OBISPO, Cal.—Samuel Whittless, consulting engineer, Pismo, preparing spec. for 4-in. Warrenite-Bit surface on 4-in. gravel sub-base on Oceano-Pismo highway. Bids will be asked shortly by county supervisors.

OAKLAND, Cal.—J. A. Casson, St. James Ct. and E-14th st., Hayward, at \$8000 awarded cont. by county to const. rock shoulders on Alvarado-Centerville rd., from Alvarado to Co. Rd. No. 520, involv. 8000 cu. yds. rock. Other bids: Jones King, \$9520; Meyer Rosenberg, \$11,500.

OAKLAND, Cal.—Jones & King, Hayward, at \$5340 awarded cont. by county to const. rock shoulders on Telegraph rd., Eden and Washington Townships, involv. 6000 cu. yds. rock. J. A. Casson only other bidder at \$5580.

OAKLAND, Cal.—County Surveyor Geo. A. Posey making surveys for permanent imp. of Niles Canyon rd. bet. Niles and Sunol; estimated cost \$200,000.

PLACERVILLE, El Dorado Co., Cal.—Election will be called shortly by city to vote bonds of \$50,000 to finance street paving; approx. 2½ mi. asph. macadam and one-half mi. conc. pave. C. H. Wildman, city eng.

SACRAMENTO, Cal.—Until Jan. 12, 5 p. m., bids will be rec. by H. D. Denton, city clerk (2217) to imp. 37th st. bet. 9th ave and pt. 180 ft. n. of 12th ave., involv. vt. pipe sewer; conc. manhole with c. i. curb and cover. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. obtainable from Allan J. Wagner, city eng.

SANTA ROSA, Sonoma Co., Cal.—Bids will be asked shortly by county to be opened in February to pave 2 mi. of Petaluma-Tomales highway. E. A. Peugh, county surveyor.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor E. A. Peugh making surveys for Calistoga-Jimtown highway to connect Redwood highway with Napa Valley via Knights Valley and Alexander Valley. A joint highway dist. will be organized to finance the project, \$75,000 of which will be provided by the state and \$75,000 each from Sonoma and Napa counties.

SACRAMENTO, Cal.—A. Teichert & Son, Inc., 1847 37th st., awarded cont. by city (2214) to imp. 42nd st., bet. 12th ave. and pt. 11.5 ft. north of 14th ave., involv. conc. curb, gutter, walks, reset

c. i. drains, const. vit. sewer, reconst. manholes, 1-in. water main connections, grade, asph. conc. pave. with seat coat.

SANTA CRUZ, Santa Cruz Co., Cal.—Guerin Bros., 2940 San Jose ave., San Francisco, at \$11,497 awarded cont. by county to grade 10,000 lin. ft. Highland Way rd. at Wrights End. Cuffe and White, San Rafael, next low at \$11,771, and J. L. Conner, Monterey, \$12,232. Six other bids were submitted. Project involves 25,000 cu. yds. excavation.

MARYSVILLE, Yuba Co., Cal.—City rejects bids to const. conc. sump and sewage pump at 10th and Yuba sts. and new bids will be asked. Baldwin Bros., Berkeley, low at \$7330. Phil J. Diver, city eng.

CONTRA COSTA COUNTY, Cal.—Tieslau Bros., 2819 Grove st., Berkeley, at \$6398 awarded contract by State Highway Co. to grade, gravel or stone surface, 1.4 mi. at Wildcat creek bridge bet. San Pablo and Richmond. Eng. est. \$7431.

SACRAMENTO, Cal.—City declares intention (2220) to imp. alley bet. 38th, 39th and P sts., north line of lot F, Wright & Kimbrough subd. No. 19, involv. c. i. drains; reconst. manhole, grade, 5-in. gravel surface. 1911 act; protests Jan. 19. H. G. Denton, city clerk; A. J. Wagner, city eng.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., awarded cont. by city to imp. portions of Harmon and Seminary Aves., involv. grade, \$.075; conc. curb, \$.75; conc. gutter, \$.25; oil macadam pave, \$.14; cem. walks, \$.175; 8-in. sewer, \$.250; lampholes, \$.25 ea.; wye branches, \$1 each.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., awarded cont. by city to imp. s. w. half of crossing of Ritchie and Foothill Blvd., involv. conc. curb, \$.80; cem. walks, \$.17.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., awarded cont. by city to imp. portions of E-16th St. and Rosedale Ave., involv. grade, \$.039; conc. curb, \$.75; conc. pave, \$.215.

SALINAS, Monterey Co., Cal.—City Eng. Howard S. Cozzens will prepare spec. to imp. Front St., bet. John and Maple Sts., Gell St., for its entire length, one block in Acacia St., one block in Natividad St., and Monterey St. for its entire length. Front St. will be paved with concrete.

SAN FRANCISCO—Until Jan. 11, 3 P. M., bids will be rec. by Bd. Pub. Wks., to imp.:

Prentiss St., bet. Crescent Ave. and Tompkins St., involv. grade; conc. curb; art. stone walks; br. catchbasins; 10-in. ironstone pipe culverts; side sewers; asph. conc. and conc. pave.

Portion of Larkin and Turk Sts., involv. art. stone walks.

Cowden St., bet. Wilde Ave. and Harkness Ave., involv. grade; conc. curb; art. stone walks; br. catchbasins; 10-in. ironstone pipe culverts; side sewers; asph. conc. pave.

Portions of Bonita St., involv. art. stone walks.

Cert. check 10% payable to Clerk of Bd. of Supervisors req. with bid. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—C. C. W. Haun, 666 Mission St., at \$2725 sub. low bid to Playground Commission to const. sewer at Glen Park Playground. Other bids: D. C. McCabe, \$3864; C. J. Hart, \$4584; C. B. Cowden, \$4740; Eaton & Smith, \$4900.

SAN FRANCISCO—Until Jan. 11, 3 P. M., bids will be rec. by Bd. Pub. Wks., to imp.:

Farallones St., bet. Plymouth Ave. and Geneva Ave., Louisburg St., bet. Geneva Ave. and Mt. Vernon Ave.; Concord St., bet. Cross and Morse Sts.; Sadowa St., bet. Plymouth Ave. and San Jose Ave., involv. art. stone walks.

South ½ of Hayes St., bet. Van Ness Ave. and Polk St., involv. art. stone walks.

Judson Ave., bet. Foerster St. and Phelan Ave.

Cert. check 10% payable to Clerk of Bd. of Supervisors req. with bid. Plans obtainable from Bureau of Engineering,

MISCELLANEOUS SUPPLIES

SANTA BARBARA, Cal.—Until Jan. 12, 2:30 p. m., bids will be received by Carl E. Hasse, city purchasing agent, to fur. and del. liquid chlorine. Cert. check 10 per cent payable to mayor of city req. with bid.

SANTA BARBARA, Cal.—Until Jan. 12, 2:30 p. m., bids will be received by Carl E. Hasse, city purchasing agent, to fur. gasoline for period of one year. Cert. check 10 per cent payable to mayor req. with bid.

SAN DIEGO, Cal.—Until 11 A. M., Jan. 10, bids will be received by city purchasing agent for 80 tons of sulphate of alumina, to carloads of 80,000 lbs. each. Cert. check, 5%. A. V. Goeddel, purchasing supt.

SUBSCRIPTION BLANK

Mail Today

To the publisher of the
BUILDING AND ENGINEERING NEWS
547 Mission Street, San Francisco, Calif.

192

We hereby subscribe for the "Building and Engineering News" for _____ years as per X mark of subscription rate.

Signed _____

Street and No. _____

City _____ State _____

Please enclose check or money order with subscription.

Subscription Rates—Payable in Advance

6 months.....\$3.00 1 year.....\$5.00 2 years.....\$8.00

We also publish the DAILY PACIFIC BUILDER

\$1.25 per month — \$12.00 per year

LARSEN'S ADVANCE CONSTRUCTION REPORTS—Prices on Application
BUILDING LAWS OF SAN FRANCISCO

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons

Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

RESERVOIRS AND DAMS

BURLINGAME, San Mateo Co., Cal.—Loveland Engineering Co., 445 California St., San Francisco, is preparing plans for reservoir in connection with municipal water system; capacity 1,500,000 gals. Work will be financed under bond issue already voted.

SEWAGE DISPOSAL PLANTS

SAN BERNARDINO, Cal.—Plans for new sewer system and sewage treatment plant will be ready for presentation to city and state board of health within three weeks, according to F. S. Currie, of the Currie Engineering Co. The new plant is designed to accommodate a population of 60,000. The plant has a capacity of 7,000,000 gallons of raw sewage a day. The sewage is pumped from the outfall lines into four 40-ft. circular Imhoff tanks where the gas is taken off and the solids separated from the liquid. The tanks are large enough to detain the maximum flow of sewage 45 minutes while the minimum detention period for the minimum flow is three hours and 30 minutes. From the Imhoff tanks, the liquids are passed to either of two pairs of dosing chambers. From there the liquids are sprayed over the trickling filter beds. There are two filtration beds, each 182x298 ft. in area and seven feet deep. No pumping is necessary because the sewage is handled by gravity. The sewage enters the Imhoff tanks at an elevation of 979.50 feet; the dosing tanks at 978.50; sprayed onto the trickling filter at 971 feet; leaves the trickling filter at 964; enters secondary clarifier at 962 feet, and is discharged into Warm creek at 958 feet. The bottom of the creek bed is 953.50 feet. From the start of the outfall line at Mill and E Sts., the sewage has a 14-ft. fall to the treatment plant which the city proposes to build on the George West property about a mile and a half south of Mill St. Three outfall lines are planned, a 15-in., 18-in., and 24-in. The outfall pipes as well as the few sewer connections in the city are designed to take care of a population of 130,000. Acting on a request of R. F. Goudey, state board of health resident engineer in Los Angeles, the board asked that the sewage be treated twice with chlorine, once before it entered the plant and once before it was dumped into Warm creek. The engineer's plans provide for the chlorine treatment as the board asked.

MISCELLANEOUS CONSTRUCTION

SAN BERNARDINO, Cal.—Bids will be opened in near future by Santa Fe Railway to const. tunnel to replace pedestrian viaduct over Santa Fe yards in San Bernardino from 3rd to shops. Est. cost, \$100,000.

WATER WORKS

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 12, 9 A. M., bids will be rec. by S. A. Evans, City Clerk, to fur. and del. 4500 ft. 14-in. steel pipe, No. 12 gauge, soil proof, coated and dipped in hot asphaltum or eq. good dip; not less than 18 ft. lengths; del. f. o. b. Santa Cruz. Delivery to be made 90 days after award of contract. See call for bids under official proposal section in this issue.

MILTON, Ore.—Until Jan. 23, 7:30 p. m., bids will be rec. by F. A. Fullerton, city business manager, for wood stave pipe erected in place, or staves and bands, delivered, separately, also trench excavation as follows:

19,300 lin. ft. 48-in. I. D. Creosoted Douglas fir or untreated r. w. stave pipe, staves 1½-in. thick, constructed in place, with twelve 6-in. c. i. saddles and staves and bands for 400 ft. extra length.

OR del. f. o. b. cars Milton, Ore., 559 - 790 ft. B. M. creosoted Douglas fir staves for 48-in. I. D. or untreated r. w. staves, 1½-in. thick, also 11,600 ft. B. M. of untreated fir or r. w. staves in addition thereto.

ALSO 41,200 one-half inch, one piece, bands, with shoes, washers and nuts, complete.

ALSO separate proposals for del. material and erecting pipe.

ALSO trench excavation, including approx. 26,000 cu. yds. common excavation, 6000 of solid rock and 18,000 of backfill.

Plans obtainable from John H. Lewis, engineer, Milton, on deposit of \$5, returnable. See call for bids under official proposal section in this issue.

SANTA BARBARA, Cal.—Quinton, Code & Hill, consulting engineers, Hollingsworth Bldg., Los Angeles, retained as consulting engineers on Mono reservoir water extension plan. The project has been outlined by the water superintendent, Victor E. Trace.

ESCONDIDO, Cal.—Escondido Mutual Water Co. has started proceedings to create \$375,000 bonded indebtedness. The company plans to issue and sell a \$250,000 bond issue to provide for improvements and additions and for the redemption of outstanding bonds.

ARMONA, Kings Co., Cal.—Until Jan. 17, bids will be rec. by Armona Public Utility District for purchase of \$26,000 bond issue to finance installation of fire protection and domestic water system.

VICTORVILLE, Cal.—Adelanto Water District will vote Jan. 14 on bond issue for \$160,000 to purchase present water system and to provide additions and improvements.

SEBASTOPOL, Sonoma Co., Cal.—Weeks Hardware Co., Healdsburg, at \$2565 awarded cont. by city to fur. and install pump, motor and electrical equipment in connection with water system.

LOS ANGELES, Cal.—Until 3 P. M., Jan. 13, bids will be rec. by water and power comm. for deep well turbine pumps and motors, W-862.

Bids, same date, for centrifugal pumps and motor, W-861. James P. Vroman, secretary.

CHOWCHILLA, Madera Co., Cal.—City Eng. B. O. Webber preparing estimates of cost for extensions and imps. to municipal water system. Bonds will probably be voted to finance construction.

LOS ANGELES, Cal.—Republic Supply Co. of Calif., 2122 E. 7th St., awarded cont. by water and power comm. at \$20.30 per C. ft. for 25,000 ft. 1½-in. galvanized extra heavy wrought steel pipe; Spec. W-857.

CONCORD, Contra Costa Co., Cal.—Purchasing Department, California Water Service Co., Hunter Dulin Bldg., San Francisco, is taking bids to lay approx. 2250 lin. ft. 8-in. and 4122 lin. ft. 6-in. c. i. pipe. Further information obtainable from above office.

SACRAMENTO, Cal.—Phoenix Iron & Boiler Works, Sacramento, at \$891 awarded cont. by city to fur. pipe lining for drain at municipal filtration plant.

OCEANSIDE, Cal.—Until 7:30 P. M., Jan. 11, bids will be rec. by city to fur. on trench at Oceanside the following cast iron water pipe and fittings, to withstand 150 lbs. working pressure: 3100 ft. 4-in., 1500 ft. 6-in. and 60 ft. 8-in. cast iron pipe; 4 4x2-in. and 8 4x4-in. tees, cast iron; 1 4x4-in. cross, cast iron; 2 4-in. 45-degree angle, cast iron; 5 6x2-in. and 4 6x4-in. tees, cast iron; 1 6x6-in. and 1 8x4-in. cross, cast iron; 4 5-in. gate valves; 2 6-in. gate valves. John H. Landes, city clerk. R. L. Loucks, city engineer.

SAN FRANCISCO—Byron-Jackson Pump Mfg. Co., 55 New Montgomery St., awarded 10-year cont. by Mack-International Motor Truck Corp., to furnish specially designed type centrifugal pump for installation on newly-developed Mack fire engine pumpers.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends \$24,000,000 bond issue to finance completion of the Hetch Hetchy project. The itemized estimates follow:

Coast Range Division	
150,802 feet (26.6 miles), at \$95	
a foot (complete)	\$14,326,190
Shafts, 2650 feet, at \$250 a foot	662,500
Underground working chambers,	
etc.	125,000
Permanent concrete lining,	

shafts	132,500
Alameda creek siphon, 3200 ft.	160,000
Special portal construction.....	30,000
Rights of way.....	50,000

Total	\$15,486,190
Deduct amount already allocated to Coast Range (1925 bonds)	1,502,554

Required to complete.....	\$13,983,636
San Joaquin Division	
47.5 miles of equivalent 60-inch pipe	\$7,900,000
Special structures, including San Joaquin river crossing, valves, fittings, remaining right of way.....	750,000

Total	\$8,650,000
Connection Irvington portal to Dumbarton pipe, 1.33 miles including trench	186,225
Accessories, fittings, rights of way	50,000

Total	\$236,225
Administration, engineering and contingencies	1,130,139

Grand total	\$24,000,000
-------------------	--------------

POMONA, Cal.—Western Concrete Pipe Co., 2025 Fowler St., Los Angeles, Cal., sub low bid to city at \$66,330 to furnish 24600 feet 21-in. Hume centrifugal concrete pipe and laying same. Pipe to be purchased included the following (with operating head): 9300 feet with 50-ft head, 4400 feet with 51-75 ft. head, 4600 feet 70-100 ft. head, 6300 feet with 100-ft head or over up to maximum of 116.25 ft.

SAN BERNARDINO, Cal.—William Starke, city water superintendent, has announced that work will start at once laying one mile of 12-in. main on D st., between Highland Ave. and Marshall Blvd. Pipe was purchased from the American Cast Iron Pipe Co.

PLAYGROUNDS AND PARKS

MODESTO, Stanislaus Co., Cal.—Property in H St., bet. Alturas and Leon Aves., has been donated to city for public park purposes. H. E. Gragg, city clerk.

GERBER, Tehama Co., Cal.—Chamber of Commerce backs proposal to plant shade trees in various streets.


The fireproof roofing ordinance recently passed to print by the San Francisco Board of Supervisors may be held up by referendum, according to Raymond R. Stephens, secretary of the Home Owners' and Builders' Conference, which opposes the measure. J. H. Zemansky, registrar of voters, says that 8000 signatures of registered voters would be required to validate a referendum petition. The effect of the petition would be to hold up operations of the law until the general election in November, 1928.

Orders-Inquiries

60 pages

Send for FREE COPY

Can be Secured by MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy

R. L. POLK & CO., Detroit, Mich.

Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

Quantity - Quality - Service

Larsen's Advance Construction Reports

Your silent salesman—issued every business day in the year—featuring work projected, bids wanted, bids opened and contracts awarded for every class of building; bridges, dams and harbor works; irrigation projects; U. S. Government work and supplies, street, highway and sewer improvements; water works; miscellaneous supplies and equipment, etc., etc.

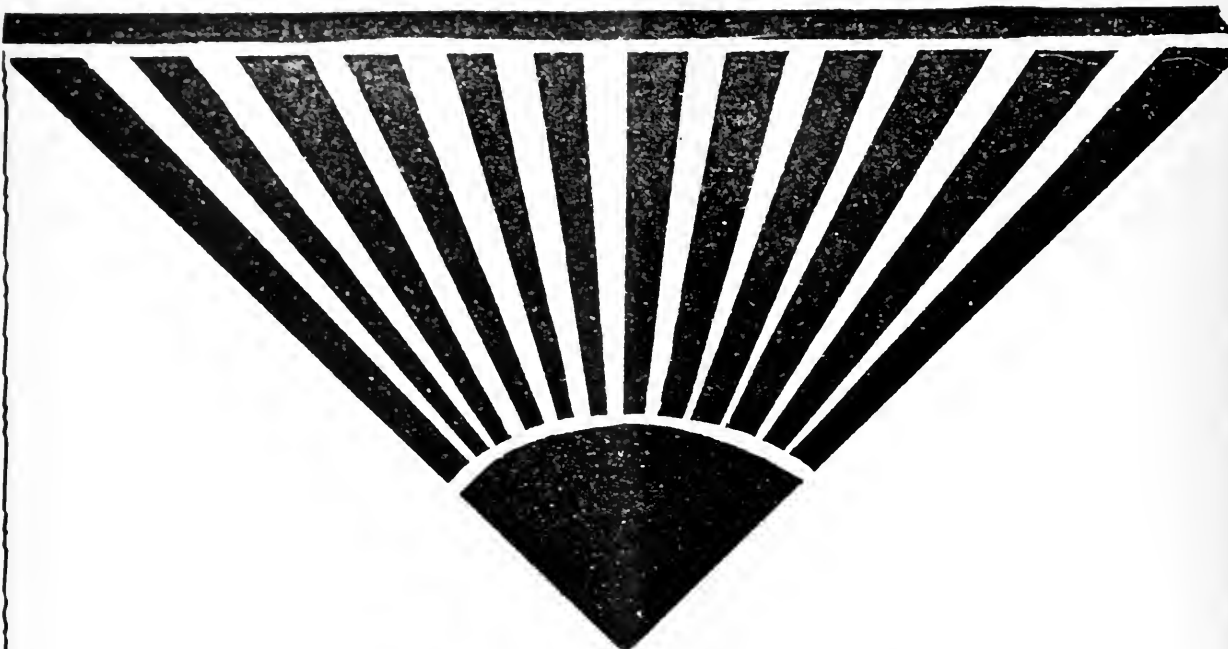
Larsen's Advance Construction Reports are compiled by a staff of trained correspondents located in the more important business centers in Central and Northern California. Each and every correspondent knows his territory thoroughly and the men most concerned in it, namely, the architects, contractors and material dealers—who keep him or her informed of the latest developments in the construction field in his particular territory.

Larsen's Advance Construction Report Service is a special service compiled at a tremendous cost and yet is sold for a price within the reach of all among which the information should circulate. Each and every report is a prospect for business.

Write for sample copies or have our representative call and explain this service.

Larsen's Advance Construction Reports

547 Mission St. San Francisco, Calif.
Phone Kearny 1252



THE POINT IN VIEW!

WE are after your **PRINTING**—no matter how big or how small the job—our point in view is to satisfy our customers and make friends. As a subscriber to this paper you should have (without any regrets) your

Printing

done in the office where the **DAILY PACIFIC BUILDER**, the **BUILDING AND ENGINEERING NEWS**, and **LARSEN'S ADVANCE CONSTRUCTION REPORTS** are printed.

ALL WE ASK FOR IS A TRIAL !

Stark-Rath Printing & Publishing Co., Phone Kearny 1252, San Francisco

Official Proposals

DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS NOTICE TO CONTRACTORS

Sealed proposals will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 414 Highway Building, Sacramento, California, until 2 o'clock P. M., on January 19th, 1928, at which time they will be publicly opened and read, for performing work as follows:

Amador County, constructing a timber bridge across Dry Creek 2.3 miles west of Ione (X-Ama-34-A), consisting of eight (8) nineteen foot (19) spans on creosoted pile bents.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the State Highway Engineer. Each bid must be accompanied by cash, or a certified check made payable to the "Director of Public Works," for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

R. M. MORTON,

State Highway Engineer.

By R. E. PIERCE,

Acting District Engineer, District X.
Dated Dec. 31, 1927.

(Jan. 4-9) 37

NOTICE TO CONTRACTORS ADVERTISEMENT

Milton, Oregon—December 30, 1927

Sealed proposals will be received at the office of the Business Manager, Milton, Oregon, until 7:30 P. M., January 23, 1928, for wood stave pipe, erected in place, or staves and bands, delivered, separately, the City to provide for construction thereof by separate contract, also trench excavation as follows:

19,300 linear feet of 48-inch I. D. creosoted Douglas fir, or untreated redwood, stave pipe, staves 1½ inches thick, constructed in place, with 12-6" C. I. saddles, and staves and bands for 400 ft. extra length.

Or delivering f. o. b. cars Milton, Oregon, 559,790 ft. B. M. of creosoted Douglas fir staves for 48-inch I. D. or untreated redwood staves, 1½ inches thick, also 11,600 ft. B. M. of untreated fir or redwood staves in addition thereto, also

41,200 one-half inch, one-piece, bands, with shoes, washers and nuts, complete, also.

Separate proposals for delivering material and erecting pipe; also for

Trench excavation, including approximately 26,000 cu. yds. of common excavation, 6000 of solid rock and 18,000 of back-fill,—all as more particularly set forth in general plans, specifications and proposal blanks, which can be had upon application to the undersigned, and all proposals shall conform thereto.

Each application for proposal blanks, plans and specifications shall be accompanied by a check for \$5.00, made out in the name of John H. Lewis, Engineer, which check will be held by the undersigned and returned if a bid in regular form is submitted within the time limit, otherwise to go to the Engineer to cover cost of plans.

By order of the City Council.

F. A. FULLERTON,
Business Manager,
Milton, Oregon.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Interior Equipment—Oakland Schools)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 17th day of January, 1928, at 10:45 a. m., at which time said bids will be opened for the furnishing and installing of INTERIOR EQUIPMENT for the LAKEVIEW JUNIOR HIGH SCHOOL, located on Harrison Street near 26th Street, and the OAKLAND HIGH SCHOOL, located on the southwest corner of Park Boulevard and Hopkins Street, for the Oakland High School District. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and plans shall be returned within seven (7) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not be less than ten (10%) percent of the amount bid, provided, however, that in

no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 17th day of January, 1928, at 10:45 a. m., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Gymnasium—Elk Grove Union High School District)

Notice is hereby given that sealed bids will be received by the Trustees of the Elk Grove Union High School District, situated in Sacramento County, for the erection of a Gymnasium Building at Elk Grove, California, in accordance with plans and specifications on file with the Clerk of the Board, at Elk Grove, Sacramento County, California, and also in the office of Dean & Dean, Architects, 1406 California State Life Building, Sacramento, California.

On deposit of \$15.00 with the Board of Trustees, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to Chas. H. Cooper, Clerk of the Board of Trustees of the Elk Grove Union High School District, said check to be forfeited to and retained by the School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for the erection of Gymnasium Building for the Elk Grove Union High School District."

All bids must be filed with Chas. H. Cooper, Clerk of the Board of Trustees of the Elk Grove Union High School District, Sacramento County, California, not later than 8:00 P. M., Monday, January 16th, 1928, and will be opened at the High School Building, Elk Grove.

The Board of Trustees of the Elk Grove Union High School District reserves the right to reject any and all bids received.

BOARD OF TRUSTEES, ELK GROVE UNION HIGH SCHOOL DISTRICT,
CHAS. H. COOPER,
Clerk.

NOTICE TO BIDDERS

(Pipe—Turlock, Calif.)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the Seventh day of December, 1927, sealed bids will be received by the undersigned, at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than 10:00 o'clock A. M., Saturday, January 14, 1928, for the following, to-wit:

One Road Maintainer.

The Board of County Commissioners reserve the right to reject any and all bids and accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
Clerk.

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS and BRANCHISTS

ARTHUR PRIDDLE, A. I. Q. S.

693 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

NOTICE TO BIDDERS

(Steel Pipe—Santa Cruz)

Notice is hereby given that the Council of the City of Santa Cruz invites sealed proposals or bids for furnishing the following:

4500 feet 14-inch Steel Pipe No. 12 Gauge, Soil Proof, Coated and dipped in Hot Asphaltum or other equally good dip.

Joints to be prepared for welding. Pipe to be not less than 18 foot lengths. Pipe and Coating to be free from Cracks and Checks.

Successful bidder to furnish Soil Proof covering and dipping fluid for joints made up in the field.

Pipe must stand a pressure of 150 lbs. to the square inch.

Pipe to be delivered f. o. b. Santa Cruz. Delivery to be made within 90 days after award of contract.

Said proposals or bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, on or before 9 o'clock in the forenoon of Thursday, the 12th day of January, 1928. Bids will be opened at 9:30 o'clock in the forenoon of said day.

All proposals or bids must be in writing, give total amount of bid submitted and must be accompanied by a certified check or bond for ten per cent of the amount bid payable to the City of Santa Cruz.

The Council of said City reserves the right to reject any and all bids.

S. A. EVANS,
City Clerk.

NOTICE TO CONTRACTORS

(Refrigerating Plants—Letterman General Hospital)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M., January 18, 1928, for furnishing and installing refrigerating plants at Letterman General Hospital, California. Information on application.

NOTICE TO CONTRACTORS

General Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, January 24, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the General Work, Employees Building and Garage, Pacific Colony, Spadra, California, in accordance with plans and specifications therefor copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Employees Building will be a two-story building with reinforced concrete exterior walls, tile roof and reinforced concrete and frame interior construction.

The Garage will be of reinforced concrete construction, with composition roof and wire partitions.

General Work will include all manner of work except Plumbing, Heating and Electrical Work. Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Employees Building and Garage, Pacific Colony, Spadra, California." STATE DEPARTMENT OF PUBLIC

WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.B. B. MEEK,
Director of Public Works.

NOTICE TO CONTRACTORS

Mechanical Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, January 24, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the Mechanical Work, Employees Building and Garage, Pacific Colony, Spadra, California, in accordance with plans and specifications therefor copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Mechanical Work includes Plumbing, Heating and Electrical Work. Separate bids will be received for "Electrical Work" and for "Plumbing and Heating." Combined bids will also be received covering all three branches of the work. Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture Forum Building, Sacramento, California, and plainly marked on the envelope "Proposal for Mechanical Work, Employees Building and Garage, Pacific Colony, Spadra, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.B. B. MEEK,
Director of Public Works.

NOTICE TO BIDDERS

(Road Maintainer)

Notice is hereby given that sealed bids will be received by the undersigned on behalf of the City of Turlock up to the hour of 7:30 P. M., Tuesday, the 17th day of January, 1928, for furnishing 600 ft. 8-inch matheson joint pipe asphaltum dipped or its equal.

Alternative, 600 ft. of 8-inch class "B" Bell and Spigot cast iron pipe asphaltum dipped, to be American Water Works Association standard or its equal. The Board reserves the right to reject any and all bids. Ten per cent of the amount of bid will be required by a certified check accompanying each bid. Said bids will be opened and examined at 8:00 P. M. on the 17th day of January, 1928. Shipment to be f. o. b. Turlock, Calif.

By order of the Board of Trustees of the City of Turlock, dated this 6th day of December, 1927.

A. P. FERGUSON,
City Clerk and Ex-Officio Clerk of the Board of Trustees of the City of Turlock.

NOTICE TO BIDDERS

(Mission Union School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Mission Union School District, of Monterey County, at 2 o'clock P. M., on the 17th day of January, 1928, at the School Building in the above named District for the erection and completion of a reinforced concrete school building to be erected on the School site near Soledad, in said District, all as described and shown on the plans

and in the specifications made for the same by W. H. Weeks, Architect.

Plans may be seen at the office of the Clerk of the Board of Trustees in said district, or at the office of W. H. Weeks, Architect, Hunter Dulin Bldg., San Francisco.

Each bid must be accompanied by a certified check on some responsible California bank, in a sum not less than five per cent (5%) of the amount bid, made payable to A. L. Roddick, Clerk of the Board of Trustees of the Mission Union School District, as a guarantee that a contract will be signed within ten (10) days after date of opening of bids and approved surety bond furnished as required by law.

Each bid must be delivered in a sealed envelope and addressed to the Board of Trustees and endorsed, "Proposal for School Building," and must be in the hands of the Clerk of the Board on or before the above mentioned hour and date.

The Board reserves the right to reject any and all bids.

(Signed)

ABEL BIANCHI,
A. L. RODDICK,
LEO PINCINI,
S. P. ANDERSON,
ALFRED BINSACCA.

William M. Grant, of San Francisco. SWITCH MECHANISM. A further object of this invention is to provide a box with closures for the meteristics wherein the openings are retained in closed position, so long as the box cover is in closed position. Mr. Grant assigns his patent to Westinghouse Electric & Manufacturing Company.

Congress has been asked by Representative Edwards of Georgia to take steps to break what he alleges to be a foreign cement trust, which is maintaining a strangle hold upon highway construction in the United States. His views and desires as expressed in a bill referred to the house committee on roads. The measure would provide that American materials and equipment shall hereafter be given preference in highway construction a 1 that in the allocation of government funds to the various states the question of the use of American materials and equipment also shall be looked to, keep in mind that all allocations as well as the purchase of and contracts for highway materials and equipment shall be in the interest of the very greatest possible benefit and economy to the states and the government.

Builders Iron Works of Stockton will remain under its present ownership and direction in the belief of C. E. Kennedy, manager, who reports no bids have been received for its purchase but their own. The bids were asked by the trustees of the H. E. Heller Company, B. B. Starke, Langdon E. Boyle and Fred Hamilton.

The Empire Steel Corporation, a \$20,000,000 concern representing a consolidation of six Northern Ohio steel companies has been incorporated. The firms involved are the Mansfield Sheet and Tin Plate Company; the Waddell Steel Company, Niles, Ohio; the Thomas Sheet Steel Company of Niles, the Falcon Steel Company of Niles, the Ashtabula Steel Sheet Company, and the Empire Company of Cleveland, which is the hub of the amalgamation.

Supplementing previous requests to the State Department of Public Works, Division of Water Rights, for a flow of water for a power project in Trinity county, Robert Little of Los Angeles and George E. Waggoner of Stockton, have filed applications for 100 cubic feet of the flow of Stony Creek, Stuart's Fork and Deer Creek. The project will cost approximately \$5,000,000 and will be located near Weaverville. The applicants propose to generate electricity in connection with a mining project and make use of four power houses in all.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
3286	Dolly	Owner	4000
3287	Neecke	Owner	3000
3288	Griffin	Owner	3000
3289	Leask	Owner	4000
3290	Campbell	Owner	1000
3291	Hertzmann	Hansell	35000
3292	McKnight	wner	4000
3293	Wilbe	Owner	7000
3294	Harris	Owner	90000
3295	Mingins	Lang	7000
3296	Vigen	Owner	8000
3297	Friedman	Filippis	3000
3298	Aranott	Owner	4000
3299	Pacific	Filipis	2000
3300	Hildebrecht	Owner	2000
3301	Arnott	Owner	3000
3302	Cresta	Nelson	1800
3303	McCarthy	Arnott	3000
3304	LaMirada	Owner	400000
3305	Epp	Owner	22000
3306	Barrow	Putman	10500
3307	Speyer	Owner	13000
3308	Arnott	Owner	8000
1	Clayton	Gyselman	1000
2	Wilson	Standard	4500
3	Allen	Anderson	2600
4	Haines	Petersen	3500
5	Johnson	Owner	4000
6	Mitchell	Hanna	4000
7	Gould	Owner	1200
8	Davis	Owner	3500
9	Hofman	Bellamy	7000
10	Lincoln	Johnson	89000
11	Investment	Cahill	200000
12	Penziner	Owner	47500
13	Nordell	Owner	28000
14	Godeau	Merz	—
15	Penziner	Owner	47500
16	Riding	Owner	13000
17	Steinhauer	Owner	40000
18	Anderson	Owner	6000
19	Martin	Owner	4000
20	Mooney	S F Show	1250
21	Baker	Owner	3000
22	University	Vogt	4500
23	Westerlund	Owner	4500
24	Marian	Owner	200000
25	Barron	Putnam	7000

DWELLING

(3286) E TWENTY-NINTH AVE 225 N Santiago. One-story and basement frame dwelling.
Owner—John P. Dolly, 555 Jones St., San Francisco.
Architect—None. \$4000

DWELLING

(3287) E WOOL 100 N Eugenia. One-story and basement frame dwelling.
Owner—Paul Neecke Jr., 23 Wool St., San Francisco.
Architect—None. \$3000

ALTERATIONS

(3288) E VALENCIA 236 S Twenty-first. Remodel and renovate store and flats.
Owner—F. Griffin, 1051 Valencia St., San Francisco.
Architect—G. A. Berger, 309 Valencia St., San Francisco. \$3000

DWELLING

(3289) E THIRTIETH AVE 125 S Judah. One-story and basement frame dwelling.
Owner—Gordan Leask 197 Parker Ave., San Francisco.
Architect—None. \$4000

ADDITION

(3290) S IDORA 188-6 W Sidney Way. Add room to dwelling.
Owner—J. V. Campbell 1072 Bryant St., San Francisco.
Architect—None. \$1000

APARTMENTS

(3291) S GEARY 182-6 E Fillmore. Three story frame (24) apartments.
Owner—Mr. and Mrs Hertzmann and Mrs. A. Reinhart, % Architect.

Architect—Walter C. Falch, 1202 Hearst Bldg., San Francisco.
Contractor—Geo. A. Hansell 349 10th Ave., San Francisco. \$35,00

DWELLING

(3292) SW BOSWORTH AND HAMILTON. Two-story and basement frame dwelling.
Owner—W. R. McKnight 2558 San Jose Ave., San Francisco.
Architect—None. \$4000

(3293) SE SAN JACINTO AND SAN FELIPE. Two-story and basement frame dwelling.

Owner—A. J. Wilbe, 985 Monterey Blvd., San Francisco.
Architect—H. G. Stoner, 58 Sutter St., San Francisco. \$7000

APARTMENTS

(3294) NE CALIFORNIA & BRODERICK. Six-story and basement reinforced concrete (36) apartments.
Owner—Phil Harris 1588 Ninth Ave., San Francisco.
Architect—None. \$90,000

DWELLING

(3295) E BAKER 87-6 S Francisco. Two-story and basement frame dwlg.
Owner—R. W. Mingins, 1930 Sacramento St., San Francisco.
Architect—H. E. Gray, 2074 Chestnut St., San Francisco.
Contractor—Lang Realty Co., 2074 Chestnut St., San Francisco. \$7000

DWELLINGS

(3296) W THIRTIETH AVE 200 and 225 S Judah. Two one-story and basement frame dwellings.
Owner—E. Vigen, 1200 40th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$4000 ea

APARTMENTS

(3297) NO. 2333 MISSION. Alter present store into two stores.
Owner—M. Friedman, Premises.
Architect—F. W. Dakin, 310 California St., San Francisco.
Contractor—V. Filippis, 263 Ninth St., San Francisco. \$3000

DWELLING

(3298) NW CECILIO AND SANTIAGO. One-story and basement frame dwlg.
Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—None. \$4000

ALTERATIONS

(3299) NE SUTTER AND FILLMORE. Alter and remodel stores.
Owner—Pacific Leasehold Corp., 210 Post St., San Francisco.
Architect—Bertz, Waites & Mowry, 210 Post St., San Francisco.
Contractor—V. Filippis, 263 9th St., San Francisco. \$2000

ALTERATIONS

(3300) SE BUSH AND KEARNEY STS. Alter and remodel present store into 3 stores.
Owner—Chas. Hildebrecht, 381 Bush St., San Francisco.
Architect—Weeks & Day, Financial Center Bldg., San Francisco. \$2000

DWELLING

(3301) N BAUER 75 W Cayuga. One-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—None. \$3000

ALTERATIONS

(3302) W ROSELLA COURT 125 N Onondaga Ave. Alter and remodel dwelling.
Owner—Frank Cresta, 23 Gloria Court, San Francisco.
Architect—Al Nelson, 115 Seville, San Francisco.
Contractor—Al Nelson, 115 Seville St., San Francisco. \$1800

DWELLING

(3303) N BAUER 100 W Cayuga. One-story and basement frame dwelling.
Owner—McCarthy Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Jas. A. Arnott, 633 Taraval St., San Francisco. \$3000

APARTMENTS

(3304) NW UNION & LEAVENWORTH. Twelve-story and basement Class A (20) apartments.
Owner—La Mirada Corp., 625 Market St., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Segregated contracts. \$400,000

ALTERATIONS

(3305) NW 20TH AVE. & CALIFORNIA ST. Three-story and basement frame (12) apartments.
Owner—I Epp and Son, 4747 Geary St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Day work. \$22,000

DWELLINGS

(3306) S BROAD 74-7½, 99-6, & 124-4½ E Orizaba. (3) One-story and basement frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$3500 each

ADDITION

(3307) NE MISSION & PLUM. Add on story to manfg building.
Owner—Speyer & Schwartz, 317 Main St., San Francisco.
Architect—Engineers—W. H. Ellison & E. Russell, 712 Pacific Bldg, San Francisco.
Contractor—None. \$13000

DWELLINGS

(3308) W CAYUGA 248 7 273 N SAN JUAN. (2) One-story and basement frame dwellings.
Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—None.
Contractor—Day work. \$4000 each

ALTERATION

(1) 1526 CALIFORNIA St. Remodel present stores into 2 stores.
Owner—G. Clayton, 128 Funston Ave, San Francisco.
Architect—None.
Contractor—R. Gyselman, 2110 Golden Gate Ave. \$1000

DWELLING

(2) S JEFFERSON 168-9 E Divisadero. One-story and basement frame dwlg.
Owner—W. A. Wilson, 218 Castenada Ave. San Francisco.
Architect—None.
Contractor—Standard Bldg. Co., 218 Castenada Ave., San Francisco. \$1500

REPAIRS

(3) NO. 134 DUBOCE AVE. Repair fire damage.
Owner—Mrs. Allen, Premises.
Architect—None.
Contractor—G. Anderson, 134 Halleck St., San Francisco. \$2600

DWELLING

(4) E THIRTY-FIRST AVE 250 S Rivera. One-story and basement frame dwelling.
Owner—H. S. Haines, 7427 Geary St., San Francisco.
Architect—None.
Contractor—F. Petersen, 75 Magellan Ave., San Francisco. \$3500

DWELLING

(5) W CURTIS 50 E Brunswick. One-story and basement frame dwelling.
Owner—Gus Johnson, 1175 Munich St., San Francisco.
Architect—None. \$4000

DWELLING

(6) W VIENNA 175 NW Excelsior Ave. One-story and basement frame dwlg. Owner—Thos. F. Mitchell, 443 Munich St., San Francisco. Architect—None. Contractor—Frank Hanna, 650 Vlnna St., San Francisco. \$4000

ALTERATIONS

(7) NO. 900 EDDY ST. Replaster and remodel drug store. Owner—A. E. Gould, 1041 Ramona Ave., Berkeley. Architect—None. \$1200

DWELLING

(8) W ORIZABA 150 N Stanley. One-story and basement frame dwelling. Owner—P. J. Davis, 171 Lee Ave., San Francisco. Architect—None. \$3500

FLATS

(9) S CALIFORNIA ST. 82-6 E Twenty-seventh Ave. Two-story and basement frame (2) flats. Owner—A. Hoffman, 6141 California St., San Francisco. Architect—None. Contractor—Geo. S. Bellamy, 6441 California St., San Francisco. \$7000

APARTMENTS

(10) SW SIXTEENTH AVE AND LINCOLN Way. Six-story and basement reinforced concrete (35) apartments. Owner—Lincoln Builders Corp., % Architect. Architect—Albert H. Larsen, 447 Sutter St., San Francisco. Contractor—J. A. Johnson, Russ Bldg., San Francisco. \$89,000

BANK

(11) NE PINE AND LIEDESDORFF. Six-story and basement reinforced concrete bank and loft building. Owner—Investment Properties Corp., 206 Sansome St., San Francisco. Architect—Lewis P. Hobart, Crocker Bldg., San Francisco. Contractor—Cahill Bros., 206 Sansome St., San Francisco. \$200,000

APARTMENTS

(12) SE BUSH and Gough. 6-story and basement reinforced concrete (36) apts. Owner—A. Penziner, 750 Taylor st. Architect—None. \$47,500

APARTMENTS

(13) W FILMORE 324.6 S Retiro way. 3-story and basement frame (15) apts. Owner—J. M. Nordell, 2524 Monticello ave. Architect—J. C. Hladik, Monadnock Bldg. \$28,000

WAREHOUSE

(14) S LILY ST. 75 W Franklin. 2-story frame warehouse. Owner—Julius S. Godeau, 41 Van Ness ave. Architect—Gottschalk & Rist, Phelan Bldg. Contractor—J. H. Merz, 1518 Ellis st. \$—

APARTMENTS

(15) NE GOUGH and Fern ave. 6-story and basement reinforced concrete (26) apts. Owner—A. Penziner, 750 Taylor st. Architect—None. \$47,500

FACTORY

(16) N TEHAMA 75 W 4th st., 2-story reinforced concrete factory. Owner—Riding & McKibber, 110 Sutter. Architect—Geo. E. Ralph, 110 Sutter st. \$13,000

APARTMENTS

(17) NW GREENWICH and Fillmore. 3-story and basement frame (17) apartments. Owner—S. Steinauer, 755 27th ave. Architect—J. C. Hladik, Monadnock Bldg. \$40,000

DWELLINGS

(18) W TWENTY-SECOND AVE 25 and 50 N Ulloa. Two one-story and basement frame dwellings. Owner—P. Anderson, 4082 Army St., San Francisco. Architect—None. \$3000 each

DWELLING

(19) S IDORA AVE 200 W Laguna Honda. One-story and basement frame dwelling. Owner—Martin & Allen, 2436 Bush St., San Francisco. Architect—None. \$4000

ALTERATIONS

(20) SE NINETEENTH AVE AND Irving. Remodel and alter store. Owner—S. J. Mooney, 1310 Ninth Ave., San Francisco. Architect—None. Contractor—S. F. Show Case Co., 682 McAllister St., San Francisco. \$1250

DWELLING

(21) E MISSISSIPPI 225 N Twenty-second. One-story and basement frame dwelling. Owner—Baker & Watson, 1111 Church St., San Francisco. Architect—None. \$3000

(22) NW SUTTER AND TRINITY. Alter and remodel display rooms. Owner—University of California, Berkeley. Architect—W. P. Stevenson, Comptroller's Office, U. of C., Berkeley. Contractor—Vogt & Davidson, 185 Stevenson St., San Francisco. \$4500

DWELLING

(23) W FORTY-SEVENTH AVE 225 N Taraval. One-story and basement frame dwelling. Owner—J. V. Westerlund, 320 Market St., San Francisco. Architect—None. \$4500

APARTMENTS

(24) SW O'FARRELL AND LEAVENWORTH. Six-story and basement reinforced concrete and steel frame (78) apartment building. Owner—Marian Realty Co., 110 Sutter St., San Francisco. Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$200,000

DWELLINGS

(25) NE SHIELDS AND BEVERLY and E Beverly 50 N Shields. Two one-story and basement frame dwlg. Owner—W. S. Barron, Burlingame. Architect—None. Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$3500 each

BUILDING CONTRACTS

San Francisco County

1 Regents	Vogt	4884
2 Stone	Kolsberg	10000
3 Phelan	Derbyshire	1500
4 S P Company	Raisch	—
5 Haines	Peterson	4155

ADDITIONS & ALTERATIONS

(1) SUTTER & TRINITY STS. Additions and alterations on the first floor of the East Annex Hallidie Building, San Francisco.

Owner—The Regents of the University of California. Architect—W. P. Stephenson, 2620 Hille-gass Ave., Berkeley. Contractor—Vogt & Davidson, 185 Stevenson St., San Francisco. Filed, Dec. 31, 1927. Dated, Dec. 31, 1927. On 1st and 15th of each month.....75% Usual 35 days.....25%

TOTAL COST, \$4884

Bond \$2450. Sureties, New Amsterdam Casualty Co. Forfeit, \$17.50 per day. Limit 45 working days. Plans and specifications filed.

FLAT BUILDING.

(2) 23RD AVE & LINCOLN WAY. 2x85. 2 story frame flat building. Owner—A. Stone, 166 Geary, San Francisco. Architect—None.

Contractor—Trygve Kolsberg, 1318 44th Ave., San Francisco. Filed, Dec. 31, 1927. Dated, Dec. 31, 1927. 1st floor on.....\$1360 Roof on.....1360 Rustic on.....1360 Bal. usual 35 days

TOTAL COST, \$10,000

Limit, May 1, 1928. No plans and specifications filed.

FAN DUCT

(3) PHELAN BUILDING. All work for one galvanized sheet iron fan duct.

Owner—Phelan Improvement Co., Prem. Architect—None. Contractor—W. M. Derbyshire (as Ace Sheet Metal Works), 444 Clementina St., San Francisco.

Filed Jan. 3, '28. Dated Dec. 31, '27. TOTAL COST, \$1500 Bond, \$750. Surety, Maryland Casualty Co. Limit, 8 days. Forfeit, none. Specifications only filed.

PAVING

(4) ON TWENTY-THIRD ST., bet. Michigan Ave. and Louisiana Sts. All work for paving track area with 5-in. asphaltic concrete.

Owner—Southern Pacific Co., 65 Market St., San Francisco. Architect—None.

Contractor—Alfred Godfried Raisch, 46 Kearny St., San Francisco.

Filed Jan. 3, '28. Dated..... 75% On close of each month..... 25%

Usual 35 days.....

TOTAL COST, Approximately 5960 sq. ft. at 22c per sq. ft.

Bond, \$1311.20. Surety, New York Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(5) 250 S RIVERA E 120xS 25. All work for six-room bungalow. Owner—H. S. Haines, 7427 Geary St., San Francisco.

Architect—None. Contractor—Fred Petersen, 2224 22nd St., San Francisco.

Filed Jan. 3, '28. Dated Jan. 3, '28. Roof on.....\$1200 Brown coated.....1200 Completed.....1200 Usual 35 days.....1255

TOTAL COST, \$4855

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

San Francisco County

Dec. 28, 1927—W 28th AVE 25 S KIRKham S along 28th Ave 25xW95. John E. & Ethel M. McCarthy to whom it may concern.....Dec. 24, 1927
Dec. 28, 1927—W 21st AVE 125 N LAWton N along W 21st Ave 25x120. Arvid Peterson to whom it may concern.....Dec. 28, 1927
Dec. 28, 1927—E JENNINGS 50 N Meade being lot 24, Blk 5015, Lot 25x100 Bay View Tract. Luls & Louise Barballa to George Ansok.....Dec. 28, 1927
Dec. 28, 1927—SW RUDDEN AVE DIST 375 SE Delano ave thence along SW Rudden Ave SE 25 more or less to point which is dist 400 SE at right angles from SE Delano Ave thence back with SE Delano Ave SW 101-1 NW 25 NE 101.578 to begin. SW Rudden Ave 350 SE Delano Ave thence along SW Rudden Ave SE more or less to point which is dist 375 SE at right angles from SE Delano Ave thence with SE Delano Ave SW 101-578 NW 25 thence part with SE De-

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used. Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

- lano Ave NE 101.473 to beginning.
Walter E. Hansen to whom it may
concern.....Dec. 27, 1927
- Dec. 28, 1927—W BAKER 111-6 N Fran-
cisco N 26xW 119. St. George Holden
to whom it may concern.....Dec. 21, 1927
- Dec. 28, 1927—NE CORTLAND AVE &
Bocana. Ida Brennell to Ash & Hans
.....Dec. 28, 1927
- Dec. 28, 1927—SE GLADYS 259-1 NE
Appleton NE 25xSE 94-7-74. Mrs.
Annie McNulty to Chas Smith.....
.....Dec. 24, 1927
- Dec. 28, 1927—F TWENTY-FOURTH
Ave 50 S Vincente 25x90. Thomas
E Mohler to whom it may concern
.....Dec. 28, 1927
- Dec. 31, 1927—SW NORTH POINT &
Scott S alg Scott 50 W 93-9 N 50
to S line North Point E 93-9.
Thomas Quistad to whom it may
concern.....Dec. 31, 1927
- Dec. 31, 1927—E SIXTEENTH AVE
82-6 N Ulloa N 25 E 81 S 25 W 81
to pt beg Ptn O L 1182. Bernhard
and Lydia Kare to whom it may
concern.....Dec. 30, 1927
- Dec. 31, 1927—E DIVISADERO 150 N
Beach N 25xE 118-9. V M Pometta
to whom it may concern.....Dec. 30, 1927
- Dec. 31, 1927—LOTS 26 AND 27 BLK
7044-C Map Sala's Resub Ptn As-
sessor's Blk 7044. Dolores Realty Co
to Meyer Bros.....Dec. 29, 1927
- Dec. 31, 1927—SW THIRDS 94 SE Bry-
ant SE alg Third 96xSW 160 to NE
Ritch. Investment Properties Cor-
poration to whom it may concern.....
.....Dec. 31, 1927
- Dec. 31, 1927—LOT 9 BLK 2979-A
Claremont Court Tract. John Murphy
to whom it may concern.....Dec. 31, 1927
- Dec. 30, 1927—LOT 5 BLK 40, Sunny-
side. R L Higgins to whom it
may concern.....Dec. 30, 1927
- Dec. 30, 1927—E CONGO 75 S Mangels
S 25xE 75 Ptn Lot 4 Blk 40, Sunny-
side. R L Higgins to whom it may
concern.....Dec. 30, 1927
- Dec. 30, 1927—NW MORAGA AND
Twenty-third Ave N 25xW 95. Sunset
District Bldg Co to whom it may
concern.....Nov. 21, 1927
- Dec. 30, 1927—W TWENTY-EIGHTH
Ave 225 N Ulloa N 25x120. N W
Anderson to whom it may concern.....
.....Dec. 30, 1927
- Dec. 30, 1927—W BYXBEE 175 N
Shields. B J and Nellie Johnson to
G M Battersby.....Dec. 29, 1927
- Dec. 30, 1927—E DIVISADERO 75 S
Jefferson, 25x89-9. Corrine Frye to
whom it may concern.....Dec. 29, 1927
- Dec. 29, 1927—SE LISBON 250 SW
Dec. 30, 1927—234 NAPLES. H. R.
Hubbard to Robert Hill & Alexander
Neil.....Dec. 29, 1927
- Dec. 30, 1927—E 20TH AVE 301 S
Judah. James Bernie to whom it may
concern.....Dec. 8, 1927
- Dec. 30, 1927—E 18TH AVE 179, 204,
229 S from pt formed by intersection
sa'd E line 18th ave with S line
Kirkham 25x120. Michael Costello to
whom it may concern.....Dec. 30, 1927
- Dec. 30, 1927—LOT 19-A BLK 5803 ST
Mary's Park. The Roman Catholic
Archbishop of San Francisco to An-
drew R. Johnson.....Dec. 29, 1927
- Dec. 30, 1927—SW 25xNW 100 ptn lot
7 blk 91. Excelsior Hd assn, NW
Prague, 225 SW Persia ave, SW 25x
NW 100, ptn lot 7 blk 91, Excelsior
Hd assn, NW Prague, 250 SW Per-
sia ave, SW 25xNW 100, ptn lot 7
blk 91, Excelsior Hd assn, NW Pra-
gue 275 SW Persia ave, SW 25xNW
- 100 ptn lot 7 blk 91 Excelsior Hd assn,
NW Prague 150 NE Russia ave, NE
25xNW 100, ptn lot 6 blk 91, Excelsior
Hd assn, NW Prague 175 NE Russia
ave, NE 25xNW 100, ptn lot 6 blk
91, Excelsior Hd assn NW Prague
200 NE Russia ave NE 25xNW100
ptn lot 6 blk 91, Excelsior Hd assn
NW Prague 225 NE Russia ave, NE
25xNW 100 ptn, lot 6 blk 91, Excel-
sior Hd assn, NW Prague 250 NE
Russia ave, NE 25xNW 100 ptn lot
6 blk 9 Excelsior Hd assn, NW Prague
275 NE Russia ave NE 25xNW 100 ptn
lot 6 blk 91 Excelsior Hd assn, SE
Prague 175 NE Russia ave NE 25x
SE 100 ptn lot 3 blk 94 Excelsior Hd
assn, SE Prague 200 NE Russia ave
NE 25xSE 100 ptn lot 3 blk 94 Excel-
sior Hd Assn, SE Prague 225 NE
Russia ave NE 25xSE 100 ptn lot 3
blk 94 Excelsior Hd assn, SE Prague
250 NE Russia ave NE 25xSE 100 ptn
lot 3 blk 94 Excelsior Hd assn, SE
Prague 275 NE Russia ave NE25xSE
100 ptn lot 3 blk 94 Excelsior Hd
assn. W. S. Barron to H. H. Putnam
.....Dec. 30, 1927
- Dec. 28, 1927—S GROVE 107-6 W
Broderick W 30xS 137-6. Victor
Gullmes to whom it may concern.....
.....Dec. 5, 1927
- Dec. 29, 1927—N VINCENTE 100 W 14th
Ave 27-6x100. G. J. Elkington & Sons
to whom it may concern.....Dec. 29, 1927
- Dec. 29, 1927—LOT 1087 GIFT MAP ?,
Florence E. Oertel or Chilton to
whom it may concern.....Dec. 22, 1927
- Dec. 29, 1927—LOTS 8 & 9, BLK 23
at intersection of San Marco & Santa
Rita Aves, Forest Hill. Elbridge J.
Best to Mahoney & Moore.....Dec. 27, 1927
- Dec. 28, 1927—E MISSION 95 N 20TH
N along E Mission 165 x E 245 to
pt on W Capp. George S. Crim,
Sarah C. Crim, Grace M. Crim,
Samuel M. Crim to Dowd-Seid Elec-
tric Co.,.....Dec. 19, 1927
- Jan. 3, 1928—S 17TH 192 E Valencia
92 x 100. Samuel Schell to whom it
may concern.....Jan. 3, 1928
- Jan. 3, 1928—S PINE 32.6 E STOCK-
ton 45.6 x S 80, E V Lacey to F L
Hansen.....Dec. 23, 1927
- Jan. 3, 1927—N 21ST 155 W SANCHEZ
E 50 x N 114 known as 3666 21st st.
Soren P Halvorsen to G T Murray &
Co.....Nov. —, 1927
- Jan. 3, 1927—N 27th AVE S RIVERA
S 25 x W 120. Roy & Gertrude S
Soiland to whom it may concern.....
.....Jan. 3, 1928
- Jan. 3, 1928—W 32ND AVE 120 N Ca-
brillo N 25 x W 120. John A and
Mary B Carmichael to P A Nelson
.....Dec. 22, 1927
- Jan. 2, 1927—W 37TH AVE 224.4 S Bal-
boa S 25 x W 120. Nick Hemminga
to whom it may concern.....Dec. 30, 1927
- Jan. 3, 1927—NE CERVANTES Blvd
S 55 deg 50 min 14 sec E 381.699
from pt formed by intersection of E
Cervantes blvd if produced NW with
S Beach is produced W rung th alg
NE Cervantes blvd S 55 deg 50 min
14 sec E 25 N 34 deg 9 min 46 sec E
121.247 N 33 deg 49 min 56 sec W
26.964 S 34 deg 9 min 46 sec W 131.35
to pt of beg being lot 19 blk 443-A
Marina Park Sub No 2. A M Murray
to whom it may concern.....
- Dec. 31, 1927—NE CERVANTES BLVD
400 SE Avila SE 50xNE 100 Ptn
Marina Gardens. Meyer Bros to
whom it may concern.....Dec. 21, 1927
- Dec. 31, 1927—N RIVERA 107-6 E
Twentieth Ave E 25xN 100. John W
- and Gertrude Rogers to whom it
may concern.....Dec. 30, 1927
- Dec. 30, 1927—COMMENCING AT IN-
tersection NW West Portal Ave with
NE line lot 9, Blk 2931 rung alg NW
line W Portal Ave 32 N 48° 08' 46"
W91.344 to pt which is perpen dist
SE 15 from NW line lot 9 SW parl
with NW line lot 9 & 10, 75.192 to
N Vincente W alg N Vincente to its
intersection with NW line lot 10
NE alg NW line lot 10 & NW line lot
9, 113.2 to NE line lot 9 S 48° 08' 46"
E alg NE line lot 9, 107.286 to beg
Edw M & Louisa Stehn to C L Magill
.....Dec. 27, 1927
- Dec. 30, 1927—W FILLMORE 102 N
Washington W 110 N 25-8-4 E 110
to street th S to beg. S L Strick-
land to C C W and H H Haun.....
.....Dec. —, 1927
- Jan. 4, 1928—NO. 330 BYXBEE ST.
Thos J Sullivan to whom it may
concern.....Jan. 4, 1928
- Jan. 4, 1928—12.894 FT. LOT 13 and
38.553 ft. Lot 14 Blk 3261, Balboa
Terrace. Ernest C and Oscar M
Hueter to W C Zwieg.....Jan. 3, 1928
- Jan. 4, 1928—LOT 44 BLK 6965-E Sub
1, Geneva Terrace. F W Varney to
whom it may concern.....Jan. 3, 1928
- Jan. 4, 1928—LOT 42 BLK 6965-E Sub
1, Geneva Terrace; Lot 43 Blk 6965-E
Sub 1, Geneva Terrace. F W
Varney to whom it may concern.....
.....Jan. 3, 1928
- Jan. 4, 1928—W TWENTIETH AVE
100 N Taraval N 25xW 120. H J
Rock to whom it may concern.....
.....Jan. 3, 1928
- Jan. 4, 1928—LOT 45 BLK 6965-B Sub
1, Geneva Terrace. F W Varney to
whom it may concern.....Jan. 3, 1928
- Jan. 4, 1928—N FOLSOM 225 E 6TH
E alg N Folsom 45 N 85 W 25 S 5 W
20 S 85, Julius and Dortha Harband
to Schultz Construction Co.....
.....Dec. 31, 1927
- Jan. 4, 1928—N IRVING 65 E 20TH AV
E 50 x N 100. Fred Warden to whom
it may concern.....Jan. 4, 1928
- Jan. 4, 1928—S 19TH 90 E Guerrero
E alg 19th 24.4 x S 95. Harry Lee to
Jefferson Floor Co.....Dec. 30, 1927
- Jan. 4, 1928—28 MONTGOMERY ST.
United Stores Realty Corp to D L
Blenfield.....Dec. 31, 1927

LIENS FILED

San Francisco County

- | Recorded | Amount |
|--|-----------|
| Dec 31, 1927—E BRODERICK 37-6 N | |
| Bay N alg E Broderick 50xE87-6. | |
| Friedman Bros. vs. T. R. Belmont | \$90 |
| Dec. 31, 1927—S GEARY 32-6 W 11TH | |
| Ave W 75x100. Friedman Bros. vs. | |
| California Real Estate & Finance Cor-
poration & O. A. Brown..... | \$2540 |
| Dec. 31, 1927—S GEARY WHICH SAID
pt is 32-6 W from W 11th Ave W
75x100. Robert Balzke vs. O. A.
Brown. O. A. Brown & Co., California
Real Estate & Finance Corp., San
Jose Bldg & Loan Assn..... | \$1888.38 |
| Dec. 31, 1927—N MISSION & HAR-
rington, NE75xNW100 being ptn blk
3148. Golden Gate Materials Co. vs.
A. Ferrari, Irene Ferrari & Maurezio
Ferrari, F. R. Siegrist, J. Fraumeni
..... | \$654.50 |
| Dec. 31, 1927—SE COR 8TH & HERON
also known as 385 8th St, also known
as lots 28, 39, 40, 41, 42 and
37, Assessor's Blk 3755. Port Costa
Brick Works vs. New Process Lau-
ndry Co & Amalgamated Laundries
Corp & Paul H. Coop..... | \$112.85 |
| Dec. 31, 1927—SE COR 8TH & HERON
also known as 385 8th St, also known
as lots 28, 39, 40, 41, 42 and
47, Assessor's Blk 3755. United Ma-
terial Co. vs. New Process Laundry
Co & Amalgamated Laundries Corp
& Paul & H. Coop..... | \$128.20 |
| Dec. 31, 1927—E BRODERICK 62-6 N
Bay N alg E Broderick 25xE87-6.
Western Concrete Co. vs. Helen Bel-
mont, Mae Belmont & T. R. Belmont
or John Doe Belmont..... | \$373.60 |
| Dec. 31, 1927—E BRODERICK 37-6 N
Bay N 25xE87-6. Western Concrete
Co. vs. Helen Belmont, Mae Belmont,
& T. R. Belmont or John Doe Bel-
mont..... | \$373.60 |
| Dec. 31, 1927—W 25TH AVE 100 S
Moraga S alg W 25th ave 25xW120
O L 885. M. Matulewicz vs. Alexan-
der E & Annie D Gerasimow..... | \$130 |
| Dec.—S GEARY 32-6 W 11th ave W75x
S100. Clervi Marble & Mosaic Co. vs. | |

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers,
Drag Lines, Elevators, Car Unloaders, and other Road and
Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

California Real Estate & Finance Corp. & O. A. Brown\$245
 Dec. 28, 1927—S SANTIAGO AND E Twenty-second Ave S 59-7xE 120. Fay Improvement Co vs Johnson & Erlendsen\$224.48
 Dec. 30, 1927—S GEARY 32-6 W 11th Ave W 75xS 100. Aetna Electric Co vs California Real Estate & Finance Corporation and O A Brown.....\$375.00
 Dec. 30, 1927—E BRODERICK 37-6 N Bay N 37-6xW 87-6. Acme Gravel Co vs Western Concrete Co.....\$141.93
 Dec. 30, 1927—S ANZA 86-6 E Thirty-fourth Ave S 100xE 25. Christensen Lumber Co vs R Leon Lawrence and Peter Macellari\$191.87
 Jan. 3, 1928—W 20TH AVE 100 N Taraval N 25 x W 120. M Stulsalt Co Inc vs Harry J and Augusta Roek.\$461.40
 Jan. 3, 1928—IRONBURG APTS ON Geary bet 11th & 12th ave. Mason's Bungalow Features vs California Real Estate and Finance & O A Brown\$2700
 Jan. 3, 1928—LOT 6 BLK 9 MAP Forest Hill. Pope & Talbot vs Frank R Hill\$1000.25
 Jan. 3, 1928—S GEARY 32.6 W 11TH ave W alg S Geary 75 x S 100. George R Nelson vs California Real Estate & Finance Corp & O A Brown.\$4168.50
 Recorded Amount
 Dec. 21, 1927—PTY OUT OF COUNTY G Mancuso vs Wm and Maud Dahl; Great Northern Bldg & Loan Assn and O E Evans\$433
 Dec. 28, 1927—SE LONDON 275 NE France Ave NE alg SE London, 25x 100. H S Thomson vs Wm H Heagerty and Vitto and Anna Priolo.\$600.36
 Dec. 28, 1927—S VALLEJO 137-6 W Gough S at r a to Vallejo 137-6xW 60 Ptn Blk 568. Gladding, McBean & Co vs O A Brown and California Real Estate & Finance Corp\$258.95
 Dec. 28, 1927—S TWENTY-SIXTH 230 E Dolores E alg S 26th 25 x 88-9 to r of w of Southern Pacific R R Co rung SW alg said railroad 32-7½ N 109-0½ to S 26th and pt of beg being Ptn Blk 33 of H A also known as Lot 34 Blk 6567 Assessor's Blk Map. Louis M and Fred L Weismann vs Manuel Recaldi\$700
 Dec. 28, 1927—S GEARY 32-6 W 11th Ave W 75xS 100. The American Rubber Mfg Co vs California Real Estate & Finance Corp.....\$135.90
 Dec. 28, 1927—S GEARY 32-6 W 11th Ave, 75x100. G Bianchini & Co vs California Real Estate & Finance Corp; O A Brown and San Jose Building & Loan Assn\$1086.16
 Dec. 28, 1927—S MURRAY 144 E General Way and rung E alg S line 32 on Murray th at right angle S 100 W 33.499 N 99.641 to S Murray and point of beg being Lot 20 Blk 5836 St. Mary's Park. Rose Bros vs John A and Margaret O Bathie\$1457.50
 Dec. 29, 1927—N GREEN 150 E VAN Ness Ave, E35xN125. Palace Hardware Co vs. Wm D & Preciosa L. Shea, Julius Bonzell.....\$944.73
 Dec. 29, 1927—S GEARY 31-6 W 11TH Ave, W75xS100. Pacific Steel Boiler Corp vs. California Real Estate & Finance Corp., H. A. Golden.....\$509
 Dec. 29, 1927—S GEARY 32-6 W 11TH Ave, W75xS100. Acme Concrete Co. vs. California Real Estate & Finance Corp., O. A. Brown.....\$8669.44
 Dec. 29, 1927—SE LONDON 275 NE France Ave, NE25xSE100. T. H. Burton vs. Vito & Annina Priolo, W. H. Haegerty\$48
 Dec. 29, 1927—S GEARY 22-6 W 11TH Ave W alg S Geary 75xS100, Lot 44, Blk 1533. Otis Elevator Company vs. California Real Estate & Finance Corporation, O. A. Brown, O. A. Brown & Co. San Jose Building & Loan Association, The White Co.....\$1850
 Dec. 29, 1927—S GEARY 32-6 W 11TH Ave W alg Geary 75xS100, W. M. Berwick & Ray Ruggieri as Western Artificial Stone Works vs. California Real Estate & Finance Corporation & O. A. Brown.....\$450
 Dec. 29, 1927—S GEARY 32-6 W 11TH Ave W alg S Geary 75xS100, Charles A. Laughlin vs. O. A. Brown, O. A. Brown & Co, California Real Estate Finance Corporation, San Jose Building & Loan Association.....\$1000
 Dec. 29, 1927—SE LONDON 275 NE France Ave, NE alg SE London 25x SE100. Harry Shapiro vs. Vito Priolo & William H. Heagerty.....\$210
 Dec. 29, 1927—S GEARY 32-6 W 11TH Ave W 75xS100, Lilly Foundry vs. California Real Estate & Finance Corporation\$2,203.20

Dec. 29, 1927—E LONDON 325 S Russia Ave. Samuel Ran vs. Vito Priolo, Adams Electric Co\$65
 Dec. 29, 1927—N GREEN 171-10½ E Broderick 134-½xN127-6. A. E. Somerton vs. M. C. Ingraham, H. L. E. Meyer Jr., Bess T. Meyer.....\$440
 Dec. 29, 1927—S GEARY 32-6 W 11TH Ave W75xS100. Taylor Plumbing Supply Co. vs. California Real Estate & Finance Corporation.....\$701.45
 Dec. 29, 1927—SE FELL AND DIVISADERO E line and alg said Fell 95 S 165 m or l to pt of intersection of said last desc'd line with line drawn from pt perpen 72-0½ N from Oak and perpen 162-6 W from W Scott to pt on E Divisadero N 165 to beg; S Fell 95 E Divisadero E 25 S 110 E 125 S 27-6 E 50 S 65-5¾ N to alg line with intersection E Divisadero at pt 110 N Oak 155 m or l to pt on line 95 perpen E Divisadero N 165 A Chesterman and D C Perkins vs Albert W and Mary R Kirk.....\$366.70
 Dec. 30, 1927—N LOMBARD 175 W Steiner W50xN 137-6 No. 2246 Lombard. Newbery Pearce Electric Co vs Antonette Allessandro, Albert Massaglia and Stella Massaglia.....\$1079.28
 Dec. 30, 1927—E BRODERICK 62-6 N Bay N alg E Broderick 25xE 87-6. J H McCallum vs T R Belmont.....\$1046.38
 Dec. 30, 1927—E BRODERICK 37-6 N Bay N alg E Broderick 25xE 87-6. J H McCallum vs T R Belmont.....\$1046.39
 Dec. 30, 1927—S GEARY 32-6 W 11th Ave W alg S Geary 75xS 100 Ptn O L 273. J H McCallum vs California Real Estate & Finance Corp\$6873.72
 Dec. 28, 1927—S GEARY 32-6 W 11th Ave W alg S Geary 75xS 100 Ptn O L 273. Acme Gravel Co vs California Real Estate & Finance Corp and Primo Guaraldi (as Acme Concrete Co\$5260.49
 Dec. 29, 1927—LOT 6, BLK 9, FOREST Hill. R. L. Schwartz vs. Frank R. Hill\$278.50
 Correction in amount
 Dec. 30, 1927—S GEARY 32-6 W 11th Ave W 75xS 100. Kerner Incinerator Co vs California Real Estate & Finance Co.....\$475
 Correction in amount
 Dec. 30, 1927—E BRODERICK 62-6 N Bay E 89-6xN 37-6. Acme Gravel Co vs Western Concrete Co.....\$129.81
 Jan. 4, 1928—S GEARY 32-6 W 11th Ave W 75xS 100. R J McDonald, \$2708; Allip Lath Co, \$1461.60 vs O A Brown; O A Brown & Co; California Real Estate & Finance Corp and San Jose Bldg & Loan Assn.....
 Jan. 4, 1928—LOT 6 BLK 9 FOREST Hill. Parrott & Enmark vs Frank R and Allie J Hill.....\$600

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount:
 Dec. 31, 1927—N MORAGA 95 W 23rd Ave W 25xN 100. The Greater City Lumber Co to Wm J Fisher and Albion B Allen
 Dec. 30, 1927—HOLLISTER AVE Lot 25 Blk 552, Bay Park Hd Assn. Edmund J Treacy to Peter Friermuth and R C Schultz
 Jan. 4, 1928—N MISSION & HARRINGTON NE 75 x NW 100. Golden Gate Atlas Materials Co to A Ferrari, Irene Ferrari and Maurezio Ferrari, F R Siegrist, J Fraumeni.....
 Dec. 30, 1927—1559 or 354 E ARLINGTON and Roanoke NE 30xSE 75. Albert Dean to Arthur E and Lucy V Miller and J Dahl\$275.49
 Jan. 4, 1928—E COLERIDGE 450 N Virginia Ave N 25xE 100. Bowman Plumbing Supply Co to Carl Frank
 Jan. 4, 1928—E TWENTY-SECOND Ave 220 S Pacheco E 120xS 50. Christensen Constr Co to Josephine J Mehegan\$275.49

Notice of None-Responsibility

SAN FRANCISCO CONTY

Dec. 21, 1927—NW COR GOLDEN GATE ave & Larkin sts, Grace N Boyd as to improvements on property.
 Dec. 21, 1927—E CONGO 75 N Joost Ave N 50xE 100. Felice Lovotti to Joseph F Sheehan\$2,203.20

Dec. 28, 1927—PTN BLK 429 and Blk 332, Outside Lands. George H. Hotaling and Jane H Swinerton as to improvements on property.
 Dec. 31, 1927—E FUNSTON AVE 125 S Geary S 25xE 120 Ptn O L 272 known as 424 Funston Ave. Saul and Mary Saslaw as to improvements on property.

CANCELLATION OF BUILDING CONTRACT

Dec. 30, 1927—LOCATION NOT GIVEN. Female Religious of the Order of St. Dominic with Barrett & Hilp. Cancellation of contract filed December 28, 1927.

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
3444	Halquist	Soder	6500
3445	Netherby	Owner	4500
3446	Flagg	Owner	4000
3447	Realty	Rose	5600
3448	Andersen	Owner	3000
3449	Faulkner	Scott	1200
3450	McDonnell	Owner	3500
3451	Ferguson	Owner	3000
3452	Washington	Electrical	1500
3453	Maine	Owner	2000
3454	Associated	Owner	1200
1	Thornberg	Owner	6500
2	Collins	Anderson	5250
3	Dowling	Owner	3500
4	Sheller	Bettencourt	1750
5	Bartolameo	Cook	1700
6	Harrison	Stolte	4000
7	Bartlett	Holmsted	45000
8	McKewin	Hemstalk	1000
9	Cornwall	Owner	1700
10	Malley	Owner	5000
11	Fisher	Malley	14800
12	Hanlon	California	54000

DWELLING

(3444) N TRESTLE GLEN RD 100 W Matthews Rd. Oakland. One and one-half-story 7-room dwelling and garage.
 Owner—Mr. and Mrs. Z. Halquist, 3600 Park Bldg., Oakland.
 Architect—None.
 Contractor—Oscar Soder, 3028 Colby St., Berkeley. \$6500

DWELLING

(3445) E BOSTON AVE 200 N Hopkins St., Oakland. One-story 6-room dwelling.
 Owner—W A. Netherby, 3879 Fruitvale Ave., Oakland.
 Architect—None \$4500

DWELLING

(3446) NO 3744 VICTOR AVE., Oakland. One-story five-room dwelling.
 Owner—John S. Flagg, 2501 Best Ave., Oakland.
 Architect—None. \$4000

REPAIRS

(3447) NO. 1480 BROADWAY, Oakland. Fire repairs.
 Owner—Realty Syndicate Co.
 Architect—None.
 Contractor—A. H. Rose, 478 25th St., Oakland. \$5600

DWELLING

(3448) S BISSELL ST. 70 W Seventy-third Ave., Oakland. One-story five-room dwelling.
 Owner—A. T. Andersen, 9302 Birch St., Oakland.
 Architect—None. \$3000

ALTERATIONS

(3449) 2047-49 SAN PABLO AVE Berkeley. Alterations.
 Owner—Geo. Faulkner, 2340 Webster St., Oakland.
 Architect—None.
 Contractor—F. A. Scott, 685 23rd St., Oakland. \$1200

DWELLING

(3450) SE 25TH ST., 200 E 12TH AVE, Oakland. One-story 5-room dwelling.
 Owner—J. J. McDonnell, 1319 E 26th St., Oakland.
 Architect—None. \$3500

DWELLING

(3451) 2615 PRENTISS PLACE, OAK-land. One-story 4-room dwelling.
Owner—A. S. Ferguson, 3268 Prentiss St., Oakland.
Architect—None. \$3500

SIGN

(3452) SW COR 21st & BROADWAY, Oakland. Roof sign.
Owner—Washington Market.
Architect—None.
Contractor—Electrical Products Corp., 950 30th St, Oakland. \$1500

ALTERATIONS

(3453) 3927 FOREST HILL AVE, OAK-land. Alterations and Addition.
Owner—H. C. Maine, 3927 Forest Hill Ave., Oakland.
Architect—None. \$2009

SERVICE STATION

(3454) NW COR 10TH & FALLON STS, Oakland. One-story Steel Service Station.
Owner—Associated Oil Co., 79 New Mont-gomery St., San Francisco.
Architect—None. \$1200

RESIDENCES

(1) NO. 1831-1833-1803 SPRUCE ST., Berkeley. Three one-story 2-room residences.
Owner—J. M. Thornburg, 1843 Spruce St., Berkeley.
Architect—None. \$4000 and \$2500 er

DWELLING

(2) NO. 1632 MORELAND DRIVE., Alame-da. One-story 5-room cement plaster finish dwelling.
Owner—H. Collins, Oakland.
Architect—None.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda. \$5250

DWELLING

(3) NO. 2804 CLAY ST., Alameda. One-story 5-room stucco finish dwelling.
Owner—S. J. Dowling, 2801 Clay St., Alameda.
Architect—None. \$3500

ALTERATIONS

(4) NO. 2717 TENTH AVE., Oakland. Alterations and additions.
Owner—Marcella Sheller.
Architect—None.
Contractor—C. J. Bettencourt, 1211 Eve-lyn Ave., Berkeley. \$1750

DWELLING

(5) N SIXTY-FIRST ST. 200 W Baker, Oakland. One-story 4-room dwlg.
Owner—M. Bartolameo, 1263 63rd St., Oakland.
Architect—None.
Contractor—R. S. Cook, 128 Palm Drive, Piedmont. \$1700

ALTERATIONS

(6) NO. 1434 HARRISON ST., Oakland. Alterations.
Owner—Harrison Realty Co., Premises.
Architect—None.
Contractor—F. C. Stolte. \$4000

APARTMENTS

(7) 1749 Oxford, Berkeley; 3-story 48-room, stucco finish, 21-family apart-ment house.
Owner—Robert E. Bartlett, 3265 Harbor View ave., Oakland.
Architect—W. W. Dixon, 3265 Harbor View ave., Oakland.
Contractor—M. Hollsterd, 441 Balle Vista Oakland. \$45,000

ALTERATIONS

(8) NO. 2126 SHATTUCK AVE., Berke-ley. Alterations.
Owner—Mrs. McKewin, 2736 Hillegas Ave., Berkeley.
Architect—None.
Contractor—C. H. Hemstalk, 1468 Hopkins St., Berkeley. \$1000

CLEANING PLANT

(9) NO. 2942 COLLEGE AVE., Berkeley. One-story Class C cleaning plant and boiler room.
Owner—Mrs. C. C. Cornwall, 2400 Stuart St., Berkeley.
Architect—Geo. F. King, 1541 Virginia St., Berkeley. \$1700

DWELLING

(10) NW FAIRMONT AND FRISBIE Aves., Oakland. One-story 7-room dwelling.
Owner—F. T. Malley, 3788 Lakeshore Ave, Oakland.
Architect—None. \$5000

DWELLING

(11) SE TRESTLE GLEN AND Stratford, Oakland. Two-story 8-room dwelling and garage.
Owner—Herman Fisher, 436 Lake Park Ave., Oakland.
Architect—None.
Contractor—F. T. Malley, 3788 Lakeshore Ave., Oakland. \$14,800

APARTMENTS

(12) NO. 2315-2319 GRANT ST., Ber-keley. Two two-story 22 rooms 8-family apartment building and gar-ages.
Owner—Ethel L. Hanlon, 1636 Franklin St., Oakland.
Architect and Contractor—California Builders, 1636 Franklin St., Oakland. \$27,000 each

BUILDING CONTRACTS

Alameda County

No.	Owner	Contractor	Amt.
616	Pacific	Filippis	3378
617	Associated	Vogt	155143
618	Female	Barrett	112000
619	Sutter	Pacific	
620	Same	Spencer	72000
621	Friedman	Filippis	4425
622	McDermott	Chortack	19200
1	Addison	Golden	755
2	Davis	Hooper	13700

ALTERATIONS

(622) W ARGUELLO BLVD 150 N Cali-fornia N 47-6xW 120. All work for alterations and additions to building.
Owner—N. E. McDermott, % Hibernia Savings & Loan Society, San Fran-cisco.
Architect—None.
Contractor—Max Chortack, 712 Girard St., San Francisco.
Filed Dec. 30, '27. Dated Dec. 29, '27.
Roof on\$2400
Brown coated 2400
White coated 2400
Completed 2400
Usual 35 days.....Balance
TOTAL COST—Contractor to receive total cost plus 10% not to exceed \$19,200.
Bond, \$9600. Surety, Continental Casu-alty Co. Limit, 90 days. Forfeit, \$20. Plans and specifications filed.
NOTE: Recorded contract reported Dec. 20, 1927, No. 610.

ALTERATIONS

(616) NE SUTTER AND FILLMORE. All work for alterations to building.
Owner—Pacific Leasehold Corp., 156 Montgomery St., San Francisco.
Architect—Bertz, Winter & Maury, 210 Post St., San Francisco.
Contractor—V. Filippis, 263 9th St., San Francisco.
Filed Dec. 30, '27. Dated Dec. 28, '27.
On 5th of each month..... 75%
Usual 35 days.....Balance
TOTAL COST, \$3378
Bond, \$1689. Surety, Continental Casu-alty Co. Limit, 30 days after Jan. 2, 1928. Forfeit, \$15. Plans and specifica-tions filed.

ALTERATIONS

(617) SE ILLINOIS AND EL DORADO E 269.89 S 121.90 W to E line Illinois N 155.143. All work for alterations and additions to building.
Owner—Associated Oil Co., 79 New Mont-gomery St., San Francisco.
Architect—None.
Contractor—Vogt & Davidson, Inc., 185 Stevenson St., San Francisco.
Filed Dec. 30, '27. Dated Nov. 29, '27.
On 10th of each month..... 75%
Usual 35 days.....Balance
TOTAL COST—Contractor to receive cost of construction plus \$7000, pay-ment not to exceed \$7000.
Bond, \$7000. Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans and specifications filed.
NOTE:—Permit reported Nov. 12, 1927, No. 3004.

J. A. MOHR & SON

General Painting Contractors
Specialists in

**Compressed Air Painting
and Sand Blasting**

San Francisco Oakland
Fresno, Los Angeles and San Diego

SCHOOL

(618) SW TWENTY-FOURTH AND Guerrero W 200 S 125 E 50 S 102 W 100 S 58 E 125 N 25 E 125 th — 260 to beg. All work for concrete school building and auditorium.
Owner—Female Religions of the Order of St. Dominic, Premises.
Architect—Alfred I. Coffey, 1126 Phelan Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harri-son St., San Francisco.
Filed Dec. 30, '27. Dated Dec. 29, '27.
On 1st and 15th of each month.....
TOTAL COST not to exceed \$112,000;
Contractor to receive \$7500.
Bond, none. Limit, Aug. 1, 1928. Forfe-it, none. Plans and specifications filed.
NOTE:—Recorded contract reported Dec. 29, 1927, No. 615.

HOTEL BLDG.

(619) SE POWELL AND SUTTER 138-5 x15-9. Structural steel for twenty-one-story hotel building.
Owner—The Sutter-Powell Realty Co., Financial Center Bldg., S. F.
Architect—Weeks & Day, Financial Center Bldg., San Francisco.
Contractor—Pacific Rolling Mill Co., 1200 17th St., San Francisco.
Filed Dec. 30, '27. Dated Sept. 29, '27.
Per ton riveted during preceeding month\$12.50
Usual 35 days..... 4.25
TOTAL COST, \$16.75 per ton
Bond, \$41,875. Surety, Pacific Indemnity Co. Limit, 140 days. Forfeit, none. Plans and specifications filed.

(620) FOUR PASSENGER, THREE service and one sidewalk elevator on above.
Contractor—Spencer Elevator Co., 166 7th St., San Francisco.
Filed Dec. 30, '27. Dated Sept. 29, '27.
Guide posts in..... 1/4
Engine delivered 1/2
On completion 1/4
TOTAL COST, \$72,000
Bond, \$72,000. Surety, Pacific Indemnity Co. Limit, forfeit, none. Plans and specifications filed.
NOTE:—Permit reported Oct. 20, 1927, No. 2798.

ALTERATIONS

(621) E MISSION bet. 19th and 20th Sts., No. 2333 Mission. All work for alterations to two-story frame build-ing.
Owner—M. Friedman, 2333 Mission St., San Francisco.
Architect—F. W. Dakin, 310 California St., San Francisco.
Contractor—V. Filippis, 263 9th St., San Francisco.
Filed Dec. 30, '27. Dated Dec. 29, '27.
On 1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4425
Bond, \$2212. Surety, Frank Oliva and R. Plans and specifications filed.
NOTE:—Permit reported today.

(Correction in Contractor's Address)

1) W BENTON ST, 60.70 ft N OF Encinal Ave., Alameda. Sheet metal work.
Owner—Addison Corporation, 1441 Frank-lin St., Oakland.
Architect—None.
Contractor—Golden Gate Sheet Metal Works, 1515 14th St., Oakland.
Filed Dec. 31, 1927 Dated Dec. 14, 1927
On completion.....75%
Usual 35 days.....25%
TOTAL COST \$765
Bond \$765. Sureties, Fidelity and Deposit Co., of Maryland. Limit 30 days.
Note—Recorded contract reported Dec. 23, 1927. No. 351.

(2) LOT 13, Bandon Terrace, Piedmont. All work for seven-room residence and garage.
Owner—Loida E. Davis, Oakland.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Contractor—William H. Hooper, 732 Crag-mont Ave., Oakland.
Filed Jan. 3, '28. Dated Dec. 17, '27.
Labor payable weekly.....
Usual 35 days contractor's fee.....\$500
COST plus \$500 not to exceed \$13,700.
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3) LOT 125 BLK H, Fernside Tract, Alameda. All work for residence.
Owner—Harry Collins, Oakland.
Architect—Walter H. Anderson, 1014 Doris Court, Alameda.

Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.
Filed Jan. 4, '28. Dated Dec. 24, '27.
Raffers up\$1337.50
1st coat plaster on1337.50
When completed1337.50
Usual 35 days1337.50
TOTAL COST, \$5350.00
Bond, none. Limit, 90 days. Forfeit, \$1 per day. Plans and specifications filed

WAREHOUSE

(4) EMERYVILLE. All work for installation of automatic sprinkler system in warehouse.
Owner—Pacific Gas & Electric Co., 17th and Clay Sts., Oakland.
Architect—None.
Contractor—Fire Protection Engineering Co., 142 Sansome St., San Francisco.
Filed Jan. 4, '28. Dated Dec. 20, '27.
On 15th of each month50%
Usual 35 daysBalance
TOTAL COST, \$14,995
Bond, \$14,995. Surety, Globe Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Dec. 31, 1927—PTN LOT 6 BLK 1679-21 Map 5, Shattuck Tract, Berkeley, D and Mrs. D Kenareff et al to Millar WhiteDec. 24, 1927
Dec. 31, 1927—LOT 7, Requa Highlands, Piedmont. James J Gier to whom it may concernDec. 31, 1927
Dec. 31, 1927—LOT 12 BLK 4, Highlands Manor, Oakland. H W Davis to H W DavisDec. 30, 1927
Dec. 31, 1927—PTN RANCHO AGUA Caliente, Alameda County. Mary M Thomas to D R SpoonerDec. 22, 1927
Dec. 31, 1927—NO. 1373 HOPKINS Court, Berkeley. A J Pollard to whom it may concernDec. 30, 1927
Dec. 30, 1927—LOTS 25, 26 AND 27, Hotel Claremont Tract No. 6, Berkeley. Herbert M Evans to Frank G AppelbeDec. 19, 1927
Dec. 30, 1927—NO. 244 POMONA AVE, Albany. A E Correia to whom it may concernDec. 29, 1927
Dec. 30, 1927—SW WALNUT ST. 260 NW Seminary Ave., Oakland. Leon H Woolsey to Verne Dildine and R M KnightDec. 28, 1927
Dec. 30, 1927—LOT 5, Dutton Manor Addition, San Leandro. Elaine M Carlson to Joseph FranklinDec. 29, 1927
Dec. 30, 1927—COMPANY'S STATION B Gas Plant, Oakland. Pacific Gas & Electric Co to The Moore Dry Dock CoDec. 21, 1927
Dec. 30, 1927—LOT 19 BLK 28, Estudillo Tract, San Leandro. Wm and Josephine Hamelin to Chester A GossettDec. 30, 1927
Dec. 29, 1927—NW SUNNYSIDE DR 883 NE E-Fourteenth St. San Leandro. Manuel T Rose to A S FariaDec. 23, 1927
Dec. 29, 1927—LOT 459 BLK X, Fernside, Oakland. Joseph and Mary Flittner to Jos FlittnerDec. 29, 1927
Dec. 29, 1927—LOT 52, Mount Vernon Park Tract, Oakland. Noel L Gaubert to whom it may concernDec. 28, 1927
Dec. 29, 1927—LOTS 6 AND 7 BLK L Amended Map Regents Park, Berkeley. Abe Cohn to A Frederick AndersonDec. 29, 1927
Dec. 29, 1927—NO. 3932 BAYO ST., Berkeley. Carl Johnson to whom it may concernDec. 23, 1927
Dec. 29, 1927—NO. 452 HAIGHT AVE, Alameda. Miland R Grant to Edwin W DahlDec. 19, 1927
Dec. 29, 1927—SECOND STREET, Berkeley. Southern Pacific Co to Hutchinson CoDec. 19, 1927
Dec. 29, 1927—PTN LOTS 26 AND 27

Blk 11, Electric Loop Tract, Oakland. Albert E Hefner to W C ApplewhiteDec. 26, 1927
Dec. 28, 1927—NO. 1230 MONTEREY Ave., Berkeley. James R and Helena M Smith to Better Homes Corp.Dec. 22, 1927
Jan. 3, 1928—NO. 3528-30 PARK BLVD Oakland. Louis Spiegel to Dowell & PearsonDec. 30, 1927
Jan. 3, 1928—LOTS 5 AND 6 BLK E; Lots 24 & 25 Blk D, Melrose Gardens, Oakland. Edward J Johnson to whom it may concernDec. 31, 1927
Jan. 3, 1928—LOT 51 Park Blvd Terrace, Oakland. Edgar E Tornell to whom it may concernJan. 3, 1927
Jan. 4, 1928—231 29TH ST., Oakland. Paul O. Troplong to whom it may concernJan. 4, 1928
Jan. 4, 1928—PTN LOT 8 BLK 1, Cragmont, Berkeley. William Livingston to W H LivingstonJan. 3, 1928
Jan. 4, 1928—LOTS 23, 24, Blk 34, Resub of Smith's Subd. of the Mathews Trct., Berkeley. Aimee L Ringeltaube to O E RingeltaubeDec. 30, 1927
Jan. 4, 1928—LOT 54, PARK BLVD Terrace, Oakland. F P Kimball and Edgar E Tornell to whom it may concernJan. 3, 1927
Jan. 3, 1928—550 ARLINGTON AVE., Berkeley. R K Schmidt to whom it may concernJan. 3, 1928

LIENS FILED

Alameda County

Recorded
Dec. 27, 1927—LOTS 5, 6, 7, 8, 9, 10 Blk No 6, K's Map of City of Oakland. Tilden Lumber & Mill Co vs Buddhist Church of Oakland\$5888.77
Dec. 28, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. Trustee Steel Co, \$830.25; Al M Fearey Co, Inc., \$1304.43 vs Geo J and Fannie E Weber and G R Sterne\$1152.09
Dec. 18, 1927—LOTS 18 AND 19 and Ptn Lot 17 Blk 4552/C, Moss Tract, Oakland. W H Wakerling vs Leah Kleiner and H Elmer Johnson\$55
Dec. 28, 1927—LOTS 18 and 19 SW 30 Lot 17 Blk C, Amended Map of Moss Tract, Oakland. Emeryville Planing Mill, \$140.30; Garrett Mill & Lumber Co, \$183 vs Leah Kleiner and H Elmer Johnson\$1152.09
Jan. 3, 1928—NO 1518 MYRTLE ST., Oakland. H Ringold to Lloyd WilliamsNov. 1, 1927
Dec. 28, 1927—NW UNIVERSITY AND Shattuck Aves, Berkeley. The Oakland Planing Mill Co vs Bank of Italy National Trust & Savings Association and Ray Constr Co\$765
Dec. 28, 1927—LOT 57 and S ½ Lot 58 Blk 10, Regents Park No. 4, Albany. Madison Burke vs Mary Porter\$100
Dec. 28, 1927—LOT 11 and N ½ Lot 12 Blk 18, Regents Park, Albany Madison Burke vs Mary Porter\$100
Dec. 28, 1927—LOT 59 and N ½ Lot 58 Blk 10, Regents Park No. 4, Albany Madison Burke vs Mary Porter\$122.71
Dec. 28, 1927—NO. 3811 KANSAS ST., Oakland. Robert Armour vs Joseph Santi\$85
Dec. 28, 1927—NO. 832 YORK ST., Oakland. Chas F Osgood vs Edw C Simon and Jas H Hardy\$137.85
Dec. 28, 1927—NO. 1582 SEVENTY-eighth Ave., Oakland. Frank Lopes vs Harold and Florence Cross and A G Johnson\$28.10
Dec. 28, 1927—NO. 1442 EIGHTY-fourth Ave., Oakland. Frank Lopes vs Mrs. Leah Kleiner anw A G Johnson\$57.75
Dec. 31, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. D W Van Horn vs George J Webber and Robert Stearne\$1215.67
Dec. 31, 1927—LOT 34 BLK 3, Berkeley Heights, Berkeley. Berkeley Lumber & Mill Co vs Rupert and Kathryn Schultheiss and C E Rednours\$1152.09

Dec. 31, 1927—LOTS 1, 2 AND 3 BLK 5438, Hilton Tract, Oakland. Martin Nelson vs J B Haugan; H W McIntier and J W McIntier Co\$185.10
Dec. 31, 1927—NO. 1582 SEVENTY-eighth Ave., Oakland. Ambrose Bros vs H M Cross and H Elmer Johnson\$75.25
Dec. 31, 1927—SW SEMINARY AVE & Fleming St., Oakland. A L Philbrick vs C E Fishel\$5500
Dec. 31, 1927—NO. 1325 EXCELSIOR Blvd., Oakland. K Rubenstein vs Stela E Garrish and Geo W Merritt\$85
Dec. 31, 1927—LOT 34 BLK 3, Berkeley Heights, Berkeley. Hager Sash & Door Co vs Rupert and Kathryn Schultheiss and C E Rednours\$801
Dec. 31, 1927—LOT 10 BLK C, Eastmont, Oakland. Tynan Lumber Co vs Ernest T Minney and E W Hyde\$1255.58
Dec. 31, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. Frank Vaccarezza vs George J and Fannie E Webber and B C Goodwin\$27
Dec. 31, 1927—LOTS 9 AND 10 BLK 17 Electric Loop, Oakland. Joseph J Courrier vs George J and Fannie E Webber and B C Goodwin\$22.50
Dec. 31, 1927—LOT 95, Millsmont Subdivision, Oakland. Tynan Lumber Co vs R C and Myrtle P Callahan\$2203.48
Dec. 29, 1927—NO. 54 COLORADO AVE Berkeley. Chicago Lumber Co of Washington vs H Y Heckman and H Elmer Johnson\$297.24
Dec. 29, 1927—SW UNIVERSITY AND Shattuck Aves, Berkeley. N Clark & Sons vs Bank of Italy National Trust & Savings Assn and Ray Construction Co\$2582.90
Dec. 30, 1927—PTN LOT 1 BLK D, Orchard Tract, Eden Twp. Tynan Lumber Co vs S E Mathis\$484.87
Dec. 30, 1927—SE SIXTH AND JACKSON, Oakland. Mastercraft Tile & Roofing Co vs The Buddhist Church of Oakland; M Yokomizo and Geo S Shimamoto\$510.80
Dec. 30, 1927—PTN LOTS 22 AND 23 Chevrolet Park, Oakland. Superior Tile & Prod Co vs Arthur W Cotton\$64
Dec. 30, 1927—LOT 14 BLK 3, Amended Map Hopkins Terrace Map No. 4, Berkeley. O Sezery vs Wm H Saylor and R S Coffee\$125
Dec. 30, 1927—LOT 55, Oak. Prospect Homestead, Alameda County. Brockhurst Tile Co vs James H Hardy and Edw C Simon\$197
Dec. 30, 1927—NO. 832 YORK ST., Oakland. Payne Furnace & Supply Co Inc vs Edw C Simon; James H Hardy and C A Tornell\$1383
Dec. 30, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. Ray E Johnson vs Geo J and Fannie E Webber\$200.25
Dec. 29, 1927—LOTS 1, 2 AND 3 BLK D, Bellevue Tract, Alameda. Boorman Lumber Co vs Annie May Manter and George Pateman\$129.28
Dec. 29, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. Chiantaretto & Son vs George J and Fannie E Webber and C A Tornell Jr\$190
Dec. 29, 1927—LOTS 9 AND 10 BLK 17, Electric Loop Tract, Oakland. Disappearing Screen & Shade Co vs George J and Fannie E Webber and G R Sterne\$216
Jan. 3, 1928—2680 SHASTA ROAD, Berkeley. Blackman-Anderson Mill and Lumber Co vs W H Saylor, S R Coffee\$200
Jan. 3, 1928—LOT 28 BLK 5 MAP NO 6

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

PIERCE-BOSQUIT Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

of Regents Park, Albany. G H Foley vs J E Cofer	\$67
Jan. 3, 1928—LOTS 9 & 10 BLK 17, Electric Loop Tct, Oakland. Liberty Ornamental Iron & Wire Works vs Geo J and Fannie E Weber.	\$360
Jan. 3, 1928—1944 103RD AVE, Oakland Standard Mill & Lumber Co vs Adeline N Carr and Drew Caminetti.	\$239.45
Electric Loop Tract, Oakland. A D Jan. 3, 1928—LOTS 9 AND 10 BLK 17, Givich vs Geo J Webber. and B Goodman	\$27
Jan. 3, 1928—PTN BLK 6, Hayward Acres, Eden Twp. Blackman-Anderson Mill & Lumber Co vs A E Gomes	\$306.34
Jan. 3, 1928—LOTS 9 & 10 BLK 17, Electric Loop tct, Oakland. B C Goodwin vs Geo J Webber.	\$1076.52
Jan. 3, 1928—LOT 34 BLK 3 Berkeley Heights, Berkeley. W C Wathen vs Ruppert & Kathryn Schultheiss and C E Rednours.	\$385.98
Jan. 4, 1928—2012 MARIN AVE, Berkeley. Contra Costa Bldg Mat. Co vs Ruppert and Kathryn Schultheiss and C E Rednours.	\$114.24
Jan. 4, 1928—PTN LOTS 25 & 36 Wildwood Gardens No 2, Piedmont. Superior Tile & Prod Co vs Samuel C Symon.	\$90.25
Jan. 4, 1928—LOT 3 BLK 1, Klinknerville tct, Emeryville. General Mill & Lumber Co vs Dominic Gunari and Richard Webber.	\$138.75
Jan. 4, 1927—LOT 81 UNIT C, Oak Knoll, Oakland. Tynan Lumber Co vs E M Bergsten.	\$663.30
Jan. 4, 1928—LOT 341 UNIT C, Oak Knoll, Oakland. Tynan Lumber Co vs Oak Knoll Land Corp and E M Bergsten.	\$762.90
Jan. 4, 1928—LOT 34 BLK 3, Berkeley Heights, Berkeley. L R Butter vs Rupert Schultheiss.	\$271.60
Jan. 4, 1928—LOTS 15 & 16 BLK 5, Kinsell Tct No 2, Oakland. Kerr & Clifford vs John H Paise, I L Lindsey.	\$76.60
Jan. 4, 1928—LOTS 9 & 10 BLK 17, Electric Loop Tct, Oakland. John Carney vs Geo J Webber, B Goodwin	\$18.90

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Dec. 30, 1927—PTN LOT 9 BLK G, Rev Map Piedmont Park, Piedmont. Pittsburg Water Heater Co. of Calif to R W Eaton and Lillian M Hengen	\$192
Dec. 29, 1927—NO. 5671 GENOA ST., Oakland. L A Gile to E Lillian Feehan; O F Lyon and John D White	\$120
Dec. 21, 1927—Lot 11 BLK 2, Heyman Tract No. 2. Heyman Bros to Henry J Ellis	
Dec. 31, 1927—LOTS 1, 2, 3, 4, 23, 24, 25, 26, 27, 28 and ptn lots 10, 11 blk Kellersberg's map of Oakland, Oakland Tilden Lumber and Mill Co to A Sullivan John Perona.	\$1172.12

BUILDING CONTRACTS

BUILDING PERMITS GRANTED

(San Anselmo—Marin County)

Following building permits were granted during the month of December, 1926, by the town trustees of San Anselmo, Marin county:

DWELLING, \$3500; Meadowcroft drive, Morningside Court, lot 22, block 3, map No. 1; owner, E. W. Ruhl.	
DWELLING, \$3500; lot 14, block 4, Subdivision No. 1, Meadowcroft drive, Morningside Court; owner, E. W. Ruhl.	
DWELLING and garage, \$3500; lot 19, block 3, Subd. No. 1, Meadowcroft dr., Morningside Court; owner, E. W. Ruhl.	
DWELLING and garage, \$3500; lot 1, blk 6, Subd. No. 1, Meadowcroft dr., Morningside Court; owner, E. W. Ruhl.	
DWELLING, \$3500; lot 32, block 3, Subd. No. 1, Broadmoor ave., Morningside Ct.; owner, E. W. Ruhl.	
DWELLING, \$2000; lot 9, San Rafael Heights; owner, Smith & Jackson.	
STORE ROOM, \$200; lot 133 Bush tract, Upper Scenic ave; owner, H. Z. Kimes.	

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

ALTERATIONS	
MILL VALLEY. Carpenter work and brick work for alterations and additions to garage building.	
Owner—Charles Spurr, Miller St., Mill Valley.	
Architect—None.	
Contractor—J. H. Garrett, 137 Buena Vista Ave., Mill Valley.	
Filed Dec. 27, '27. Dated Dec. 22, '27.	
Foundation laid	\$1646
Roof on	1646
When completed	1646
Usual 35 days	1646
TOTAL COST, \$6584	
Bond, \$3300. Sureties, T. J. Sewell and Roy Ibach. Limit, 30 days. Forfeit, none. Plans and specifications filed.	

COTTAGE	
MILL VALLEY. Carpenter work, etc., for cottage.	
Owner—Hazel Dreis, Mill Valley.	
Architect—None.	
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.	
Filed Dec. 23, '27. Dated Dec. 19, '27.	
Installed and built	\$937.50
Wainscoting installed	937.50
When completed	937.50
Usual 35 days	937.50
TOTAL COST, \$3750.00	
Bond, \$1875. Surety, London and Lancashire Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.	

DWELLING	
MILL VALLEY; all work on 1½-story frame dwelling.	
Owner—Frances B. Phelps, Mill Valley.	
Architect—None.	
Contractor—Charles E. McCrum.	
Filed Dec. 28, 1927. Dated Dec. 3, 1927	
When erected	25%
When plastered	25%
When completed	25%
Usual 35 days	25%
TOTAL COST \$2400	
Bond \$1700; sureties, T. J. Sewell and Roy Ibach; limit, 90 days; forfeit, none; plans and spec. filed.	

COMPLETION NOTICES

MARIN COUNTY

Recorded	Accepted
Dec. 30, 1927—SAN ANSELMO. Fred M. Knott to whom it may concern	Dec. 23, 1927

BUILDING CONTRACTS

SAN MATEO COUNTY

PERMITS

DWELLING, one-story frame, \$4000; Lot 9 Blk 3 E St., San Mateo; owner, Rochex & Rochex, Inc., San Mateo.	
BUNGALOWS (3) \$9500; Lots 6, 10 and 140 Par 88, Hazel St., San Mateo; owner, William & Waterhouse.	
RESIDENCE and garage, \$9000; W 851 of 163 on Clark Dr, San Mateo; owner, W. O. Mioloides, 218 Peninsula, San Mateo; contractor, W. O. Mioloides, 218 Peninsula, San Mateo.	
RESIDENCE, \$15,000; Lot 16, Blk 6, Hayward Ave, San Mateo; owner, C. W. Levisse, 702 Farrington, Burlingame; Contractor, C. W. Levisse, 702 Farrington, Burlingame.	
BUNGALOW and garage, cost, \$4000; Part of Lot 23, Lot 24, Blk 10, S H St, San Mateo; owner, Oswald Peterson; contractor, Oswald Peterson.	
BUNGALOW, \$4000; Lot 314 Lilia St., Homestead, San Mateo; owner, Jas. J Ward; contractor, Mitchell & Jack-	

son, Homestead, San Mateo.
ADDITION, cost, \$2500; No. 1413 Bernal Ave, Burlingame; owner, Arthur Wai-bel, 1413 Bernal Ave, Burlingame; contractor, G. F. Larsen, 1516 Cortez Burlingame.

SCHOOL BUILDING
NEW ELEMENTARY SCHOOL, San Mateo. Install Blackboards.
Owner—Redwood Grammar School District.
Architect—A. I. Coffey, Phelan Bldg, San Francisco.
Contractor—Smith & Berrien.

TOTAL COST, \$1636
Dated, Dec. 3, 1927 Filed, Dec. 16, 1927
Bond, \$850. Sureties, Fidelity Deposit Co.

TOLL BRIDGE
COYOTE POINT and Mount Eden, Alameda County. Furnish and construct.
Owner—San Francisco Bay Toll Bridge Co.
Architect—None.
Contractor—Raymond Concrete Pile Co., Underwood Bldg., San Francisco.
Filed, Nov. 21, '27 Dated, Dec. 15, '27
As work progresses
TOTAL COST, \$5,000,000
Bond, \$5,000,000. Sureties, National Surety Co. & American Surety Co. of New York; U. S. Fidelity & Guar Co, The Casualty & Surety Co & Fidelity & Deposit Co of Maryland.
Limit, 18 months.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Dec. 20, 1927—FIVE POINTS MERRICANTILE TRUST, San Mateo. George Ostering to F. M. Darborn	Nov. 25, 1927
Dec. 20, 1927—LOT 16, BLK 8, Burlingame Park No. 2. W. O. Nicolaides to whom it may concern	Dec. 16, 1927
Dec. 20, 1927—LOT 34, BLK "C" MISSION ST TRACT, San Mateo. Mary A. McLeod to whom it may concern	Dec. 24, 1927
Dec. 21, 1927—LOT 17, BLK 12, Burlingame Grove. Robert F. Oxley et al to W. C. Roberts	Dec. 19, 1927
Dec. 22, 1927—Burlingame. Broadway Commercial Bank to Jacks & Irvine	Dec. 17, 1927
Dec. 22, 1927—LOT 16, BLK 11, Burlingame. Louis F. Clousing to Ray Allen	Dec. 15, 1927
Dec. 22, 1927—LOT 37, BLK 69, EASTON. G. W. Williams to G. W. Williams Co.	Dec. 20, 1927
Dec. 23, 1927—LOT 27, BLK 1, VISTA Grand. Anna Paket to A. L. Lundy	Dec. 17, 1927
Dec. 23, 1927—LOT 12 & 13, BLK 2, Brookhaven. Gustaf Blomberg to whom it may concern	Dec. 22, 1927
Dec. 23, 1927—LOT 42 BLK 27 VISTA Grand. Paul B. Duernier to whom it may concern	Dec. 20, 1927
Dec. 23, 1927—Location not given. A. J. Adams to J. F. Turner	Dec. 21, 1927
Dec. 22, 1927—LOT 18 BLK 11, STANFORD PARK. Henry W. Harala to whom it may concern	Dec. 22, 1927
Dec. 23, 1927—RISEL AVE 30.9 W OF Oliver St, San Mateo. Lindsay Con. Co. to whom it may concern	Dec. 21, 1927
Dec. 23, 1927—1,258 ACRES LAND from Miller & Lux Lands. Guy C. Calden, Trustees to Louis J. Cohn	Dec. 19, 1927
Dec. 23, 1927—RELIEF HOME, San Mateo. San Mateo County to Vogt & Davidson, Frank J. Klim, Dowd &	

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

Welch, & M. E. Ryan.....	Dec. 12, 1927
Dec. 23, 1927—PART LOT 109, SAN MATEO CITY Homestead, San Mateo, Milton Finlof to whom it may concern.....	Dec. 21, 1927
Dec. 23, 1927—LOT 2, BLK 16 MILLBRAE Highlands, H. Olafson et al to whom it may concern.....	Dec. 23, 1927
Dec. 23, 1927—LOT 1 & 2 BLK 4, DUM-BARTON Park, P. M. Schoenfeld to whom it may concern.....	Dec. 23, 1927
Dec. 24, 1927—LOT 7, BLK 10, CROCKER Tract, Henry C. Wannicke to whom it may concern.....	Dec. 19, 1927
Dec. 24, 1927—LOT 38, BLK 12, VISTA Grand, Burt Youngs to whom it may concern.....	Dec. 17, 1927
Dec. 24, 1927—1 ACRE, RUNNYMEDE, S. W. Hull to whom it may concern.....	Dec. 22, 1927
Dec. 24, 1927—LOT 13, BLK 3, BURLINGAME Grove, Oscar Carlson to whom it may concern.....	Dec. 23, 1927
Dec. 24, 1927—LOT 3, SUB OF LOT 295 & 296 San Mateo Park, Lengfeld & Olund to whom it may concern.....	Dec. 24, 1927
Dec. 24, 1927—Part LOT 14, HILLSBOROUGH Oaks, Gustave Brenner to Lengfeld & Olund.....	Dec. 20, 1927
Dec. 23, 1927—LOT 10, BLK 4, MILLBURN Village, Hermann Kohlmoos to Daly Bros Inc.....	Dec. 23, 1927
Dec. 19, 1927—LOT 16, BLK 17, BAYWOOD, Owner C. W. Swisee to whom it may concern.....	Dec. 19, 1927
Dec. 30, 1927—PART LOT 8 BLK C, Hayward Park, Alfred Rightetti to whom it may concern.....	Dec. 29, 1927
Dec. 27, 1927—LOT 14 BLK 29 SAN BRUNO Park, Thomas M Davies et al to Delmar Maede.....	Dec. 19, 1927
Dec. 27, 1927—LOT 7 BLK 11 BURLINGAME Grove, Octave Cornhill to whom it may concern.....	Dec. 23, 1927
Dec. 27, 1927—LOT 40 BLK 82 Belle Monti, Susan Hatch to Daly Bros.....	Dec. 23, 1927
Dec. 28, 1927—100.94 ACRES RANCHO Canada de Raymundo, S P Eastman to Wells P Goodenough.....	Dec. 22, 1927
Dec. 28, 1927—LOTS 22 and 23, BLK 14, Crocker Tract, Paul B Duerner to whom it may concern.....	Dec. 27, 1927
Dec. 29, 1927—PENINSULA AVE AND Prospect Row, San Mateo, San Mateo School Dist. to L Dioguardi.....	Dec. 23, 1927
Dec. 30, 1927—PART LOT 52 FOURTH Add, Runnymede, George A Gardill to whom it may concern.....	Dec. 29, 1927
Dec. 30, 1927—LOT 22 BLK 10, EAST SAN MATEO, Ashley Powers to whom it may concern.....	Dec. 28, 1927
Dec. 30, 1927—LOT 13 BLK 2, EAST SAN MATEO, George E Fisher to whom it may concern.....	Dec. 30, 1927

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
Dec. 30, 1927—LOT 18 BLK 40, Easton J L Conley vs Grace A Griffin.....	\$275.15
Dec. 28, 1927—LOT 11 BLK 16 Crocker Estate Tr. H H Smith vs E H Mills et al.....	\$952.10
Dec. 29, 1927—LOT 10 BLK 22, Union Park, E Evangelisti vs G Parodi Alias.....	\$2578.11
Dec. 27, 1927—LOTS 46 & 47 BLK 21 Union Park, E Evangelisti vs G Parodi Alias.....	\$338.11

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Dec. 16, 1927—LOT 6 BLK 6, Newbridge Park, San Mateo, Gray-Thorning Lumber Co to Daisy Hillman et al.....	\$40.17
Dec. 16, 1927—LOT 26 BLK 5, San Bruno Park, San Mateo Feed & Fuel Co to V Psaler.....	\$32.50
Dec. 20, 1927—PART LOT 23, Quillota Tract, San Mateo, Berkeley Electrical Co to Edward Caldwell et al.....	\$1600.30
Dec. 23, 1927—LOTS 56, 57, 58, 59, 60, 61, 62, 63, 64, 65 and 70, Lindholm Manor, R C Cinnamon to John Drummond.....	\$79 each
Dec. 30, 1927—PART LOTS 13 & 14, Villa Satto at Fair Oaks, Duffield Lumber Co to Erwin E Richter et al.....	\$959.65

BUILDING CONTRACTS

SACRAMENTO COUNTY

PERMITS

RESIDENCE, 4-room and garage, \$2800; 5907 2nd Ave, Sacramento; owner, Chas N Wood, 2956 Franklin Blvd, Sacramento.	
RESIDENCE, 9-room, \$12,500; 1901 13th Ave, Sacramento; owner Dr. C. C. Brown, Forum Bldg, Sacramento.	
RESIDENCE, 5-rooms, \$4000; 2482 San Jose Way, Sacramento; owner, C. E. Bennett, 2507 K st, Sacramento.	
RESIDENCE, 4-rooms and garage, \$4000; 1713 41st st, Sacramento; owner E. L. Brown, Robertson-Govan Co., Sacramento.	
ICE PLANT, \$2700; 1724 Y st, Sacramento; owner, J. A. Saunders, 1045 45th st, Sacramento.	
RESIDENCE, 6-room, \$4000; 2314 23rd st, Sacramento; owner, R. C. Kennedy, 5016 13th ave, Sacramento.	
RESIDENCE, 6-room and garage, \$3500; 2700 18th st, Sacramento; owner, E. S. Tucker, 1713 Burnett Way, Sacramento.	
CLEANING PLANT, \$6950; 2417 28th st, Sacramento; owner, L. J. Miller, 932 41st st, Sacramento.	
RESIDENCE, 6-room residence and garage, \$3500; 4131 P st, Sacramento; owner, J. H. Haag, 5033 T st, Sacramento.	
REPAIRS, \$1000; 1309 J st, Sacramento; owner, W & K Co; contractor, L. F. Gould.	
RESIDENCE, 6-room and garage; 746 47th st, Sacramento; owner, Joseph Pedone, 914 S st, Sacramento.	
STORE BUILDING, brick store building, \$5000; 3213 Folsom Blvd, Sacramento, owner, Chas E Wright, 817 J st, Sacramento; contractor, Wright & Kimbrough.	
RESIDENCE, 6-room and garage, \$4000; 2673 17th st, Sacramento; owner, O. M. Froling, 409 El Camino ave., Sacramento.	

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Dec. 16, 1927—LOT 203 E EL CAMINO Ave N Sacramento being portion blk 69, sub No. 1. Elmer J. Sieh to whom it may concern.....	Dec. 15, 1927
Dec. 19, 1927—E½ OF S½ LOT 8 S. T. 6 7, Sacramento. Antone Gilmette to whom it may concern.....	Dec. 17, 1927
Dec. 19, 1927—LOT 3, POLK TRACT, Sacramento. Geo. Morris & Agnes Graham Morris to whom it may concern.....	Dec. 12, 1927
Dec. 19, 1927—LOT 269 W & K COL tract, Sacramento. Joseph Pedone to whom it may concern.....	Dec. 17, 1927
Dec. 20, 1927—LOT 260 S CURTIS Oaks Sub No. 6, Sacramento. John E. Chesson to whom it may concern.....	Dec. 14, 1927
Dec. 20, 1927—PT LOTS 71 & 72 MONTE Vista, S. Loughhead, Christie & Harriet A. ux to whom it may concern.....	Dec. 20, 1927
Dec. 21, 1927—S½ LOT 5 S½ E 2 FT lot 6, JJ 21, 22, Sacramento. Florence & Josephine Delahanty & Leolise T. Sinnott to whom it may concern.....	Dec. 20, 1927
Dec. 23, 1927—LOT 13, BLK 5, N Sacramento Sub. No. 9, Frank G. & Fenny G. Gianopoulos to whom it may concern.....	Dec. 20, 1927
Dec. 23, 1927—LOT 48, W & K TRACT No. 33, Sacramento. Florence Turpen to whom it may concern.....	Dec. 21, 1927

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Dec. 20, 1927—LOT 7 BLK 5, LOT 16, Blk 4 and lots 12 to 14 inc. Blk 2, Avondale tct, Sub No. 1, Sacramento. Tilden Lumber & Mill Co vs. Avondale Realty Co, Paul W. Wilkenson and Grace ux.....	\$861.75, \$34.00 and \$851.07 resp.
Dec. 23, 1927—LOT 2199 W & K TCT No. 24 Annex, Sacramento. Dolan Bldg Mat. Co Inc vs. Edw. R. and Helen Ristine & Frank Yost.....	\$443.75
Dec. 23, 1927—LOTS 10 & 12 BLK 69 E Center St, Sacramento. A. H. Davis & T. J. Janes, co-part. doing	

business under Davies & Janes vs. W. W. & J. R. Steed, co-part. doing business under Steed Nash Co., F. K. Marsh and San Joaquin Investment Co., a corp.....\$115.30

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded	Amount
Dec. 19, 1927—S½ of N½ LOT 8, W X 28, 29, Sacramento. A. Virgilio to Fred J. Stephens & May Hart.....	\$66.75

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Dec. 21, 1927—LOT 36, Palm Tract, San Jose. Joseph Burtera et al to whom it may concern.....	Dec. 19, 1927
Dec. 22, 1927—LOT 2, San Juan Subd, Stanford University. George W Dowrie to whom it may concern.....	Dec. 20, 1927
Dec. 22, 1927—LOTS 6 AND 7, O C Early Third Ward Subd, San Jose. George W Wagner to whom it may concern.....	Dec. 20, 1927
Dec. 22, 1927—LOT 2 BLK 1, Lincoln Gates, San Jose. C Teigland to whom it may concern.....	Dec. 22, 1927
Dec. 23, 1927—BLDG ON NE PARK ave 180.01 ft NW Davis St, William H. O'Neil to whom it may concern.....	Dec. 23, 1927
Dec. 23, 1927—BLDG ON E 35 FT OF Lt 44, Sierra Park. Carl C. Maurer to whom it may concern.....	Dec. 23, 1927
Dec. 24, 1927—BLDG ON SE Line R of W Conv to Corcoran 280 ft SW Lincoln Ave. Langhaeff et al to whom it may concern.....	Dec. 22, 1927
Dec. 24, 1927—BLDG ON LOTS 14-16-18 Blk 12 SR 5 W Oliver Subd. Gus. De Maria et al to whom it may concern.....	Dec. 24, 1927
Dec. 24, 1927—BLDG ON BEG SW cor ld of Cowger. Theodore J. Leland to whom it may concern.....	Dec. 24, 1927
Dec. 24, 1927—BLDG ON BEG COR lots 1 & 2 Blk 116 NW Southwood Drive NW 297 ft NE 140 ft SE 264 SW 150 ft to beg ptn Crescent Park, Palo Alto. D. Mac Kenzie to whom it may concern.....	Dec. 21, 1927
Dec. 24, 1927—BLDG ON LOT 13 E 10 ft of Lot 12, Ashby Addn, Palo Alto. Enoch M. Brickey to whom it may concern.....	Dec. 21, 1927

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Dec. 21, 1927—SE UNIVERSITY AVE 117.50 NE West St. NE 100xSE 150 Ptn Lots 9 to 12 Blk 118, Crescent Park, Palo Alto. Gray-Thorning Lumber Co vs Salve Matheson et al.....	\$451.09
Dec. 22, 1927—S ½ LOT 5 BLK 5, R 2 S, San Jose. P E O'Hair & Co vs James F Valpey et al.....	\$4269.54

BUILDING CONTRACTS

FRESNO COUNTY

RESIDENCE LOT 9 W 20, LOT 10, BLK 5, COLLEGE Add., Fresno. All work for residence and garage.	
Owner—A. R. Long.	
Architect—E. W. Peterson, 605 Mason Bldg., Fresno.	
Contractor—C. E. Buckmaster, 4044 Kerckhoff Ave., Fresno.	
Filed, Dec. 23, 1927 Dated, Dec. 17, 1927	
As work progresses.....	75%
Usual 35 days after completion	
TOTAL COST, \$7550	
Bond, \$3775. Sureties, H. H. Wittenwyler & D. A. Moore. Limit 90 working days. Plans and specifications filed.	

INSTALLING FIXTURES 1041 FULTON ST., Fresno. Installing certain fixtures.	
Owner—United Cigar Stores Co., 1061 Fulton, Fresno.	
Architect—Bertz, Winter & Murray.	
Contractor—Murray Cabinet & Show Case Co. 1225 E St., Fresno.	
Filed, Dec. 23, 1927 Dated, Dec. 14, 1927	
Completed.....	75%
Bal. 35 days after completion	
TOTAL COST, \$3555	
Bond \$1797. Sureties, U. S. Fidelity & Guarantee Co. Forfeit \$25 per day. Limit	

30 working days. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 22, 1927—W 15 1/4 LOT 24, Lot 25 Blk 1, Drodge Park, Fresno. Iona Goodenough to whom it may concern Dec. 19, 1927
Dec. 24, 1927—THEODORE ROOSEVELT High School, Fresno. Fresno High School District to Otto W Batty and Chas Christensen Co. Dec. 22, 1927
Dec. 24, 1927—EDISON TECHNICAL School Gymnasium, Fresno. Fresno City High School District to Minneapolis Steel & Machinery Co. Dec. 22, 1927
Dec. 24, 1927—PTN LOT 3, Roeding Villa Col, Fresno. Ida Sommers to whom it may concern. Dec. 17, 1927

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 14, 1927—NW 1/4 SEC 29, 15-20, Fresno. E F Gregory and Bert Lawson vs J Nakata \$525
Dec. 14, 1927—NE 1/4 SEC 4, 17-20, Fresno. B M Jenkins vs Sam Clark \$306

BUILDING CONTRACTS

SONOMA COUNTY

RECORDED

CLEANING PLANT
LOT 19 BLK 12, Clarks Addition to Santa Rosa. All work for concrete cleaning plant.
Owner—Charles E. Lee, Santa Rosa.
Architect—None.
Contractor—Charles D. Roberts, Santa Rosa.
Filed Dec. 20, '27. Dated Dec. 19, '27.
Building completed 1/2
31 days after 1/2
TOTAL COST, \$3145

Bond, \$— Sureties, M. F. Mellegan Forfeit, plans and specifications, none, and Ernest Rogers. Limit, 41 days.

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
Dec. 19, 1927—SEARS POINT TOLL Road, Sonoma. Sears Point Toll Road Co to Butte Elec & Mfg Co. Dec. 10, '27
Dec. 23, 1927—LOT IN PETALUMA bounded by Liberty-Bassitt-Howard Sts and Western Ave; Roman Catholic Archbishop of San Francisco to O'Mara & Stewart. Dec. 16, 1927

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 19, 1927—LOT 18 BLK 8, Subd No. 1, Tuxedo Park, Stockton. Anna Phelps to whom it may concern. Dec. 14, 1927
Dec. 22, 1927—LOT 3 BLK 1, Lincoln Manor Subd Addn to City of Tracy. S A Camp to Frank W Roberts. Dec. 14, 1927
Dec. 22, 1927—LOT 4 BLK 6, West Stockton. Julia R Markgraf to whom it may concern. Dec. 21, 1927
Dec. 24, 1927—LOT 4 BLK 4, Lomita Park, Stockton. T E Williamson to whom it may concern. Dec. 22, 1927

COMPLETION NOTICES

MONTEREY COUNTY

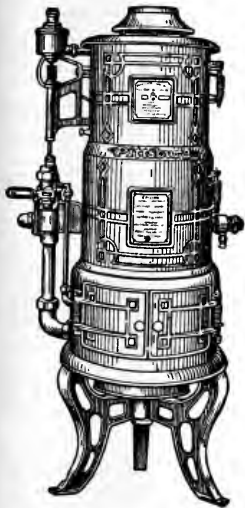
Recorded Accepted
Dec. 29, 1927—PART OF LOT 14 & 15 in Block 70 as shown on page 6 of the Official Block Book of the City of Monterey, California. Dave F. La Vine and Ann S La Vine to whom it may concern. Dec. 23, 1927
Dec. 27, 1927—Lot 12, Block 3 First Addition, Pacific Grove Retreat. R. C. Wright & Hannah M. Wright to whom it may concern. Dec. 19, 1927

LIENS FILED

MONTEREY COUNTY

Recorded Amount
Dec. 27, 1927—LOT 15 BLK 4, Tract No. 1 Hatton Fields. M. W. Overhulse vs. Peter Mathison, Sam Mathison, and E. T. Fullerton. \$500
Dec. 27, 1927—LOT 15. BLK 4, TCT No. 1, Hatton Fields. M. J. Murphy vs. Peter Mathison, Sam Mathison & E. T. Fullerton \$123.20
Dec. 23, 1927—LOT 6 & THE SOUTHERLY half of lot 4, Blk 87 Pacific Grove Retreat. Lynan Lumber Co. vs. Floyd E. Bryant & Gladys V. Bryant \$341.07
Dec. 23, 1927—LOT 2 AND THE northerly half of lot 4 in Blk 87 of Pacific Grove Retreat. Tynan Lumber Co. vs. Floyd E. Bryant and Gladys V Bryant \$337.35
Dec. 23, 1927—LOT 6 AND THE southerly half of lot 4 Blk 87 of Pacific Grove Retreat. O. E. Chase & Son vs. Floyd E. Bryant and Gladys V Bryant. \$337.35
Dec. 23, 1927—LOT 2 & THE NORTH-erly half of Lot 4 Blk 87 of Pacific Grove Retreat. O. E. Chase & Son vs. Floyd E. Bryant & Gladys V. Bryant \$466.92

Sacramentans are faced with increased costs for electrical installation because of a city ordinance which became effective December 25 and which contains new regulations governing electrical work. The ordinance, according to Carl Benton, city electrician, while resulting in increased costs to those having work done, more than makes up the difference through providing for additional safety and smaller fire hazards. The cost of a license for electrical construction has been increased from \$30 to \$50 and the ordinance was designed to protect the house owner.



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS
INSURANCE
490 GEARY STREET

Member

SAN FRANCISCO

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904 San Francisco

LUMBER OUTLOOK IS PROMISING; NOTABLE PROGRESS IN REFORESTATION

By WILSON COMPTON

Secretary and Manager, National Lumber Manufacturers Association
(Special Correspondence)

In point of production, volume of sales and shipments, a review of 1927 finds the lumber industry, in common with many others, lagging by comparison with preceding years. Final figures for the last twelve months probably will place the total lumber cut of the country at about 34 billion feet, a decline of approximately 8 per cent from 1926. Shipments and orders also have fallen off correspondingly. Prices have not been encouraging.

Turning to the future, however, the industry as a whole finds solace in certain significant phases of its past performance. In the latter months of the closing year, the National Lumber Manufacturers Association launched a vigorous campaign to improve and extend markets. The industry long has felt the necessity for improved merchandising methods to meet the competition of other materials.

Progress in Reforestation

The past year was notable for its increased activity in commercial reforestation. Many large lumber companies and paper and pulp manufacturers have made encouraging advances in the business of growing trees to the end that the sources of their raw material may be perpetuated indefinitely. For the first time in the history of forestry in the United States leaders of the forest industries got together and discussed means and methods of maintaining the forests on a sustained yield basis. A survey presented at that conference revealed the significant fact that 21,000,000 acres of forest lands were under intensive reforestation, an area

equal to the entire forested lands of France.

Encouraging to this phase of the industry has been the co-operation of the various States. One of the most outstanding obstacles to commercial reforestation has been the archaic state tax laws. In the last year nine States enacted new laws or amendments to old statutes relating to the problems of forest taxation. In all, 130 laws were enacted pertaining to forestry, fire protection, reforestation and forestry taxation.

Improved Manufacture and Utilization

Considerable progress has been made toward a more intelligent and economical use of quality lumber through a greater public appreciation of American Standard Lumber. The industry has made notable headway, also, in the matter of sumption and the elimination of waste in manufacture.

These activities within the industry itself, together with probable improvement in the trend of business generally, give basis for the belief that 1928 will be a better lumber year. The end of a long period of depression in agriculture apparently is at hand and, with the farms consuming 40 per cent of the annual lumber output, it is evident that prosperity in the lumber industry in large measure follows agricultural prosperity. For several years farmers have been under-consumers of lumber. Stabilization of farm prices also will have a beneficial reaction on industry generally, in which the lumber industry will share.

early because of crop uncertainties, although declining again slightly in the autumn, while the slump in cotton prices in 1926, plus the Mississippi flood, brought about a corrective reduction in the acreage of that great staple and caused a virtual doubling of its price in a period of ten months. Reflection of this was had early in record consumption of cotton, while rayon and silk production were of record size, and wool consumption gained. Then, too, the price of beef cattle rose to the highest point in seven years. In fact, something like a reversal of the conditions of 1926 was shown, in that the agricultural producer rather than the industrial operative reaped the best results of this irregular year.

Wholesale trade fell below 1926, this partly owing to lower prices, while in retail trade the chain store and mail-order houses did better than did the department stores, which about held their own with 1926, while the ordinary small retailers probably sold less. In the security markets new flotations were enormous, and speculation, aided by easy money, swelled bank clearings and debits to new high records, while prices of stock and other exchange seats rose to unimagined prices. Export trade expanded slightly, while imports declined, but both were close to the highest since 1920. Price movements partook of the prevailing irregularity, but price index numbers finished the year higher than at the opening, with farm products or their derivatives showing more advances than did products of manufacture in general. Failures were the second largest on record, and liabilities the fourth largest, but bank failures were lessened considerably. Gold exports were very large, but had no apparent effect upon money or security markets, and the national debt was reduced by over \$1,000,000,000.

BUILDING INSPECTORS FOR SAN FRANCISCO ARE PASSED

The San Francisco Civil Service Commission announces a list of twenty candidates for jobs as city building inspectors who were successful in examinations held last October. William Gowans, 446 Thirty-ninth avenue; heads the list. Others are: Frank C. Miller, Frank L. Schultz, Ernest W. Beck, Herbert F. Manger, Roy A. Moon, Curtis W. Ottwell, Frank Robinson, Ernest W. Perry, Paul J. Erz, Frank R. Hemeon, Fred F. Eggers, Clifford N. Franklin, Guy F. Mason, Verne M. Trace, Henry J. Broderick, George M. Cantrell, Eugene J. McColligan, John R. Hand and William Anderson.

LUMBERING IN EUROPE BELOW U. S. STANDARDS

Primitive equipment is still used in manufacturing lumber in Europe and the quality of the lumber is much lower than that in the United States. This is the impression of E. M. Prescott, general manager of the Prescott Brick and Lumber Company of Fresno, who spoke on European Lumber at a meeting of the Fresno Optimist Club. Prescott, who toured Europe last summer, said the lack of the extensive use of lumber in Europe is noticeable.

CERTIFICATES GRANTED

Albert J. Evers, secretary, California State Board of Architecture, Northern District, announces certificates to practice architecture have been granted to Edmond H. Denke, 1317 Hyde St., San Francisco; Wm. J. Helm, 33 Marne Ave., San Francisco; B. J. S. Cahill, Webster Bldg., Oakland.

Santa Rosa building operations for the year 1927 will involve an expenditure exceeding \$25,000. April was the outstanding month in the year, the work undertaken during that period costing \$68,795.

LOOKING INTO THE PAST-1927; A LOOK BACKWARDS BY BRADSTREET'S

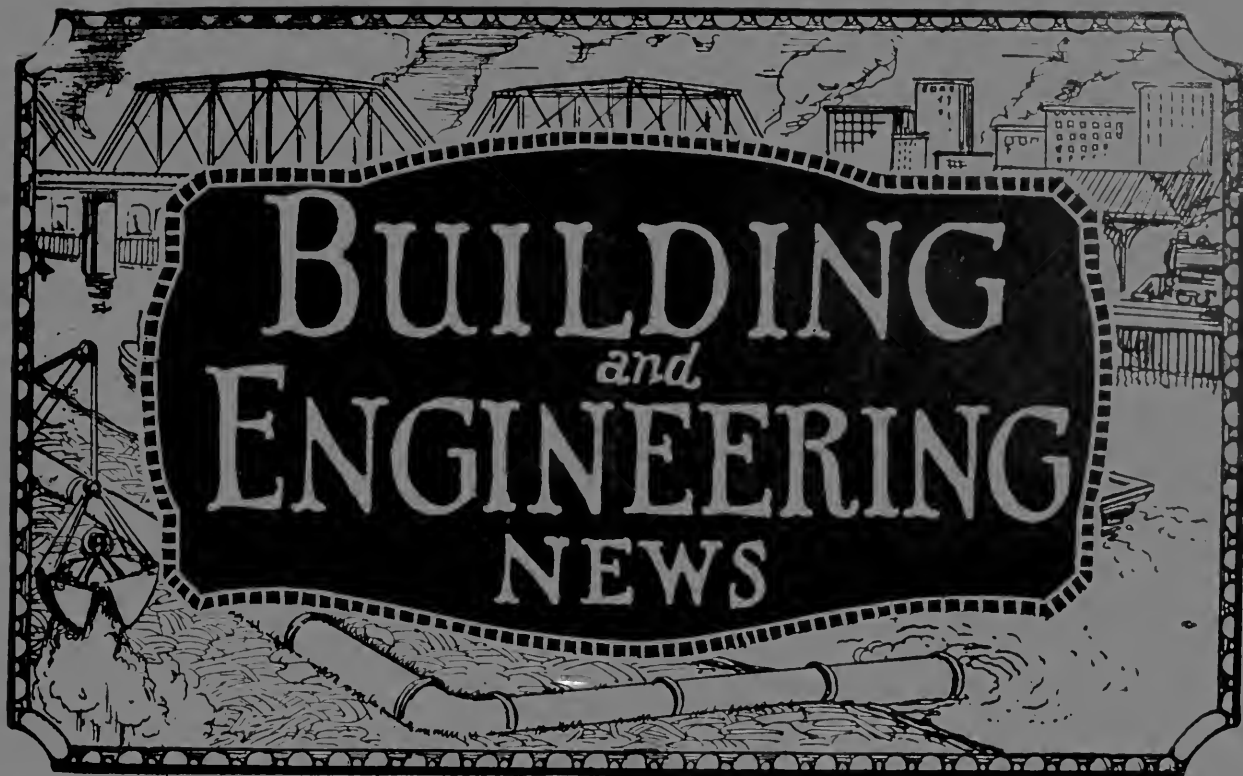
(As Reported By Bradstreet's)

It is, of course, too early to write with exactness of the results of 1927 in a business way, but enough is known of the trends of the year to allow of some things being definitely said. First of all, it may be stated that the year's happenings in trade and industry—not in finance or in the security markets—tended to justify the more conservative predictions at the year's beginning, a great many of which, by the way, were confined to the first half of the year. In trade generally—in the heavier industries certainly—the year after the first few months was one of halting progress or of actual recessions, whereas in financial lines and in the security markets, especially in speculative lines, new high records of volume and value were set up in many, not all, directions.

It will probably go without contradiction that trade and industry had a considerable burden to bear in the weather happenings, which included an excess of rainy weather, this resulting in high water or floods, not once, but several times, which reached a peak in the great Mississippi river flood, with smaller, but still very harmful, rises in rivers noted in the northeast, especially in Vermont. This excess of moisture with cold weather was a drawback from before Easter until the fall, when a long warm spell did much to repair lateness in crop growth, although at the same time retarding fall trade. Some other drawbacks of the year included the eight-months-long strike of bituminous coal miners, which was apparently foredoomed to failure;

the continuance of the slowing up in ordinary building, which was not apparently made up for by the large volume of heavy outdoor work, such as road building, hydro-electric work and kindred operations, and the quieting down in the automobile industry eventuating in the revolutionizing of one prominent maker's operations after a long shutdown. Heavy industries catering to the three lines above mentioned, but iron, steel, lumber and allied lines, especially, felt effects from one or more of these happenings. The excessive production of petroleum was a weight upon that important industry and its derivatives, mitigated by a big increase in consumption, due to low prices. All of these occurrences brought about sympathetic slowing in other lines, and employment and factory pay rolls fell to the lowest point in three years, with a perceptible effect upon ordinary trade buying. Electric power development, production of electricity and earnings of public utility companies were considerably ahead of 1926. Railway gross and net income fell off from 1926. Predictions made previous to 1927 that keen competition was to be a feature of the year's developments were abundantly justified by the vertiable snowstorm of mergers in trade lines, and to a still greater extent in manufacturing industry.

The year, however, had its bright features, some of the effects of which may have their repercussion in the year to come. Weather conditions alternately clouded and brightened the farmers' position, with the index of farm prices rising



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., JANUARY 14, 1928

Published Every Saturday
Twenty seventh Year No. 55

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JANUARY 14, 1928

Twenty-seventh Year, No. 55



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

ELECTRONIC TORNADO TO BE DEVELOPED COMMERCIALY

A further development of the electronic tornado has been announced by the Research Laboratories of the Lincoln Electric Company, of Cleveland, Ohio. Discovered some twelve months ago and regarded originally as of purely scientific interest the electronic tornado will undoubtedly revolutionize present methods of electric arc welding by greatly reducing the cost of welding and reducing all undesirable characteristics present in present processes.

The most remarkable characteristics of welds produced by the electronic tornado process is their extreme ductility. Sections cut from plates joined by this method of welding have been twisted cold and tied into knots in tests that amaze every one familiar with steel welding practice.

The cost of welding by the electronic tornado in $\frac{1}{2}$ " steel plates is estimated to be about 3c per foot, which is a very small fraction of present costs. This figure includes cost of the operator's time, cost of electric current and cost of carbon electrode. Furthermore welds produced by this process are of much smoother appearance than it is possible to obtain by present methods.

While only a small number of experimental machines have yet been built utilizing this new process, it is announced that commercial machines will soon be on the market. This development of a purely scientific phenomenon which was first regarded as an electrical curiosity is a striking example of the practical importance of pure research as its economic effect cannot be over estimated.

Prominent business men of Cali, Columbia, have undertaken with the aid of an American company which has a contract with the city, to erect modern sanitary homes for the exclusive use of the poorer working class.

WOOD UTILIZATION COMMITTEE TO EXHIBIT

At the invitation of the Associated General Contractors of America, Washington, D. C., the National Committee on Wood Utilization of the Department of Commerce is arranging for an exhibit of good practices in wood construction at the annual convention of the association at West Baden, Indiana, January 23-27, 1928. The exhibit which is prepared under the supervision of Dudley F. Holtman, assistant director, in charge of the committee's construction activities, will be composed of various models showing how lumber and other forest products should be used to best advantage in building and construction. The exhibit will demonstrate the practical application of the many of the committee's projects. It will cover a wide range of subjects of interest to the contractor and builder, from framing models to wood finishes. The object of the exhibit is to impress on the building industry the necessity for an efficient and wise use of our forest products in order to encourage commercial reforestation. It is interesting to notice that the exhibit will be arranged in cooperation with committee members who are called on to furnish such material in which each is chiefly interested.

COURTS GIVE AID TO BIG BUSINESS MERGERS

"Never in the history of the anti-trust laws has their interpretation by the Supreme Court and their administration by the Government been so sympathetic as now to the present and future needs of American business," asserted Gilbert H. Montague of the New York Bar in an address to the American Mining Congress in Washington.

"Business men," he said, "are only beginning to realize what a variety of new and effective methods for stabilizing business at home and for extending business abroad have become available in consequence of recent decisions and rulings by the Supreme Court, the Department of Justice and the Federal Trade Commission.

"More and bigger consolidations among producers, manufacturers and distributors, under proper conditions and with adequate legal safeguards, are permitted and indeed invited by the present attitude of the courts and the Government."

CONCRETE IN ARCHITECTURE IS NEW BOOKLET

W. E. Hart, manager of the structural and technical bureau of the Portland Cement Association, 33 West Grand Ave., Chicago, announces the issuance of a new book, "Concrete in Architecture," issued by the Portland Cement Association. The publication is being distributed to architects throughout the country with the thought of encouraging a frank use of concrete as a part of the architectural and decorative scheme of buildings. The method of decoration, according to Hart, has been used quite extensively on the Pacific Coast for the past five or six years and from observation no difficulty occurs. The procedure outlined in the book, the association says, if carefully followed, is entirely satisfactory and gives a painted surface that is acceptable, durable and reliable.

COLLEGE IRRIGATION MEN NAME OFFICERS

Organization of the Conference of Experiment Station Workers in Irrigation and Drainage was effected at the meeting of irrigationists from the agricultural colleges of the western states, held at the University of California, W. W. McLaughlin of Berkeley, associate chief of the division of agricultural engineer, United States Department of Agricultural, was elected chairman, and Dr. O. W. Israelsen, head of the department of irrigation and drainage in the Utah Agricultural College, was chosen as secretary. The next meeting will be held at the Utah Agricultural College, Logan, Utah, during the summer of 1929.

The conference, which just ended, was the second of this group and was called to perpetuate the work suggested at the first meeting, which was held in Berkeley two years ago. At this conference R. L. Parshall of the Colorado Experiment Station acted as chairman and George D. Clyde of the Utah station was secretary. Director C. P. Gillette of the Colorado station called the two meetings already held, but in the future the conference will act on its own initiative.

A program for research was outlined, in which the colleges will cooperate to avoid, as far as possible, duplication of effort.

SACRAMENTO BUILDERS' EXCH. MOVES TO NEW QUARTERS

The Sacramento Builders' Exchange, which has been in existence for the past 25 years and which had been located for ten years at 1015 Tenth street and later at 1508 J street, has expanded its scope and is now moved and open for business in new quarters at 1309 J street, Sacramento.

The new home is 40 by 80 feet in size with a parking lot of similar size in the rear. The building, which is of brick, is equipped with executive offices and a reception room in front, a large meeting hall, directors' room, estimating room and several private offices and enclosed desk space for contractors and material dealers making Sacramento their headquarters.

Large show windows in the new location are being used by members of the exchange for display of their materials and for advertising purposes.

The Sacramento Builders' Exchange as organized under its expanded scope is now composed of the old Builders' Exchange, the Master Builders' Association, the Sacramento chapter of the Associated General Contractors of America, the Master Plasterers' Association, the Master Painters Association, the Sheet Metal Dealers' Association and other crafts being organized to combine with the exchange at its new location.

Howard K. Johnson of the Sacramento County Board of Supervisors is the president of the Sacramento Builders' Exchange, while L. S. Patterson is secretary. Other directors are L. C. Hunter of the W. P. Fuller Co; Walter W. Campbell of the Campbell Construction Co; Thomas P. Scollan, material dealer; Harold Dixon, plumbing contractor; C. F. Vining, electrical contractor; L. F. Gould, general building contractor; W. E. Truesdals, general building contractor; H. C. Ferguson, Western Lumber Co; Harry Arnold, Pacific Lime & Plaster Co.; and Carrol Stephens, Golden Gate Atlas Materials Co.

INCREASED BUILDING HEIGHT REQUIRED AS LAND VALUES GROW

"The present tax structure and level of land values in the central business districts of our leading cities can be sustained only if the owners of sites in such localities are allowed to develop their holdings to their maximum economic intensity," says W. C. Clark, economist of S. W. Straus & Co., in an elaborate report on the various private and public aspects of the so-called skyscraper problem prepared for the American Institute of Steel Construction.

The findings are of far-reaching importance to all American cities because of their bearings on traffic problems and all the other aspects of current skyscraper controversies. While the studies brought out the fact that on a chosen plot of ground in New York City, 75 stories was the most profitable height, it may be assumed that the same theories would apply to all American cities, modified, of course, according to conditions in the locality such as street widths, size of plot, land values and zoning law restrictions. Where land values are lower at present than the typical site in New York lower heights, of course, would be in accordance with the principles of sound investments.

These studies also suggest that as property values increase in the future in various American cities, it may be necessary for building heights on certain strategic sites to grow in order that the owner may secure the maximum return from their investments. When the studies were begun, 75 stories was the height arbitrarily selected by Mr. Clark and his collaborators as beyond the probable maximum of height to secure the greatest economic efficiency for this specific site. Much to their surprise, however, the studies showed that at 75 stories the curve of economic efficiency was still mounting upward, and, had the survey continued, a height of 85 or 87 stories might have been found to be even more profitable than 75 stories.

Dangers of Flat Level Restriction

"Sane regulation of building heights in the interest of public health is of course to be desired but any attempt to put into effect a flat level restriction of 8 or 10 stories advocated by some zoning enthusiasts who profess to find the source of all human ills in the centralized city which is itself the natural product of powerful economic and social forces will result inevitably in a severe deflation of land values and a complete disorganization of the whole tax structure. Moreover, despite frequent claims to the contrary, the deflation of land values in the central business districts will not be offset by a corresponding appreciation of values in the outlying sections, for the decentralized city will be found to be not only a less efficient but also a more expensive mechanism for carrying on commercial and certain (though by no means all) types of industrial activity."

"In the case of certain plots of very large size and appropriate location the most economical development may involve rearing a structure skyward to the height of 75 or more stories. For the normal plot of moderate size, even in the central business section of New York, the principle of diminishing returns usually sets an economic limit considerably below this giddy height, while the average plot in the city as a whole will still probably find its most

economical utilization in a structure of perhaps 4 to 10 or 12 stories."

How Investigation Was Made

These were some of the conclusions derived from a recent exhaustive investigation involving the hypothetical development of a solid block in the vicinity of the Grand Central Terminal, New York City. A full city block was chosen, partly because under the New York zoning law the really tall building gets a fair chance only on a very late site and also because it was believed that the trend of the future is toward this type of development. Certainly this conviction was strengthened by the results of the study and particularly by the straight forward efficient and inexpensive design which the large lot made possible, by the permanent safeguarding of tenant's light and air and by the imposing mass and proportion of the logical improvement of such a site as evidenced by the accompanying architect's sketch of the suggested 75 story structure.

Detailed plans were drawn for the erection upon this site of eight different buildings varying in height from 8 to 75 stories each occupying the full block within the limitations imposed by the present New York zoning law. The cooperation of a large number of leading architects, consulting engineers, building contractors and building managers was obtained in checking plans and specifications and estimating cost of construction, operating expenses, gross and net income, etc., and it is believed that the study represents the most authoritative and most scientific determination of this particular problem that has ever been made.

Preliminary analysis of the data obtained indicate that on a plot of this large size—200 ft. by 405 ft.—with land value approximately \$200 per square foot, the most economical development was the 75-story building rising 917 feet 10 inches from the sub-basement floor and with a tall central tower representing in itself a large building of approximately ideal proportions. Increase cost of steel, elevators, mechanical equipment, etc., increasing wastage of net returnable area for the various building utilities (particularly the elevators, every added one of which wastes a considerable plot of otherwise rentable area on every floor) and the mounting burden of "carrying charges" upon the huge investment during the lengthening construction period brought what the economist are wont to call "diminishing returns" as the building soared. These increases, however, were less rapid than had been expected because of the large size of the building, and were also in part offset by the improved light and air and the superior efficiency of rentable space on the higher floors.

Return on Investment

The estimated net return upon the \$42,000,000 investment involved in the 75 story structure was 9.1 per cent as compared with 8.8 per cent for the 63 story building and 8.4 per cent for the 50 story building. The heavy burden of taxes and interest charges upon the land reduced the net income of the 8 and 15 story buildings to 2.8 per cent and 4.9 per cent respectively. The following table shows not only the net return upon the gross investment in the case of each building but also the percentage which the increased income resulting from the last addition of stories bears to the in-

creased cost necessary to add the additional stories.

Building	Net return upon gross investment Per cent	Net return upon increased cost of land addition of stories Per cent
8-story	2.8	
15-story	4.9	20.7
22-story	6.1	19.1
30-story	6.8	15.1
37-story	7.6	19.7
50-story	8.4	18.3
63-story	8.8	14.0
75-story	9.1	11.2

The figures given are preliminary and may be subject to some slight revision. The conclusion may also be drawn from the table that it has not been demonstrated that a building higher than 75 stories, (say 85 or 87 stories) would not give a better return than the 75-story building. This is true. When the study was begun, it was felt that 75 stories would represent a point somewhat beyond the true economic height and that the curve would turn down at, say, the 50 or 63-story height. When this supposition was proved erroneous, time was lacking to carry the investigation further.

Each City Plot an Individual Problem

It is obvious that on a smaller plot the economic limit would have been reached at a lower level. The smaller the plot, the more rapidly will the principle of diminishing returns accomplish its results and the sooner will the true economic height be reached. Each city plot presents an individual problem and its most economical development must be determined in each case by a careful consideration of all the governing factors. In addition to size of plot, numerous other factors bears upon the problem, such for instance, as the shape of the plot, character of the location, the type of improvement, the efficiency of the architectural and engineering plans, the value of the land, the level of construction costs, of rents and of interest rates, etc.

"This is by no means a blanket endorsement of tall buildings," says the report. "Some tall buildings, existing or proposed, are doubtless justly characterized as 'freak' structures, but the attempt to further height restriction legislation by the contention that the tall buildings is an economic fallacy should be roundly condemned."

"Zoning enthusiasts will find their soundest argument in the necessity of height regulation as a means of safeguarding community sunlight and air. Any flat level restriction is to be avoided whether based on this ground or the currently popular 'congestion' argument which to a large extent confuses the effect of mere growth with that of tall buildings and would seek to stultify growth and progress by accepting as permanent facts street capacities determined by our forefathers in the age of the horse-drawn vehicle. In the long run economic laws are inexorable and will not brook artificial restrictions."

A complete copy of those studies is now being prepared for publication in booklet form and gratuitous distribution by the American Institute of Steel Construction, 285 Madison avenue, New York City.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

FRESNO SECRETARY TELLS VALUE OF BUILDERS' EXCHANGE MEMBERSHIP

BY THE OBSERVER

Harry Cayford, Secretary-manager of the Fresno Builders' Exchange is a real-honest-to-goodness worker in his position. Harry issues a monthly bulletin to exchange members, the current issue comprising three legal size mimeograph sheets chuck full of interest for the members of his exchange—and other exchanges as well. For instance, in the following article, clipped from the December Bulletin, Harry tells the membership of the "why" of a Builders' Exchange—what the exchange has to offer—and why one should be a member—if not already. Secretaries of other construction organizations will do well to follow in Harry's foot steps.—EDITOR.

A Builders' Exchange is to the Building Industry what a Chamber of Commerce is to the Community. It provides a meeting place for those in the Industry; where they can work out their own peculiar problems, where they can exchange ideas with one another, where they can broaden their knowledge and where, in times of trouble, they can pool their interests and fight their battles with a united front.

As to the Exchange facilities—we have a well equipped, centrally located office, available for conferences or private business transactions between members and their clients. Mail is received at Exchange Headquarters for members; telephone calls are recorded and the service of an experienced stenographer is always available. On the mezzanine floor, space is available as a plan room, where access to plans may be had and where the sub-contractor can take off his figures without the loss of time and money

running around here and there after them. Many of the latest trade magazines are on file for reference and information regarding prices and materials can be readily obtained.

From the Exchange can be secured data from the various Government, State and City and County Departments relating to building activities, commodity prices, production, wages and the trend of Labor.

On civic matters—The Exchange is in a position to do the most beneficial kind of good as it is in a splendid position to offer assistance and constructive criticism from a practical standpoint.

The Building Industry to a large extent, is a seasonal one, with intense activity during the Summer months and with stagnation and slack periods in the Winter months, it peaks and slumps cause some serious problems which can be eliminated to some extent at least, by the proper co-operation of the Exchange with the public.

We all need the close acquaintance-ship of one another as united efforts will do more for the benefit of our industries and the growth of our community than any individual can hope to accomplish in years of effort—and in times of trouble each one absolutely needs the help of the other. Those outside the organization, in a sense, are reaping the benefits that accrue from an Organization like the Builders' Exchange, while failing to do their share and if they are reputable and worthy they should join hands with the Organization that represents their interests.

We could continue on and on—as the Building Industry is the second largest in importance in the Country.

F. J. KOSTER ELECTED PRESIDENT OF S. F. INDUSTRIAL ASSN.

Frederick J. Koster, former president of the San Francisco Chamber of Commerce, has been elected president of the Industrial Association of San Francisco, succeeding Colbert Coldwell. Albert E. Boynton, who has been managing director of the organization since 1924, will continue in that capacity. Other officers elected are: S. S. Kauffman, vice-president; John Cushing, secretary, and Samuel Lillenthal, treasurer. A new Board of Directors, also chosen, includes Wallace M. Alexander, J. B. Brady, Colbert Coldwell, John Cushing, George S. Forreder, Robert B. Henderson, A. F. Hockenbeamer, S. S. Kauffman, George W. Kelham, Robert A. Kinzie, Frederick J. Koster, Samuel Lillenthal, J. W. Mailliard Jr., Atholl McBean and Richard S. Shalnwald.

1927 PIG IRON OUTPUT

Pig iron output for 1927 was about 36,400,000 tons, with charcoal iron estimated, compared with 39,373,000 tons in 1926. In production of steel, 1927, was fifth among the leading years. The estimate of 43,250,000 tons of ingots shows a drop of 3,700,000 tons from 1926, the high year, but 1927 exceeded the average of the four years that preceded it.

BRIDGE CONSTRUCTION IN DEMAND IN SAN FRANCISCO BAY

Great opportunity is seen for the engineers of the next two generations in bridge and tunnel construction in Central California by Charles Delreth Jr., chief engineer for the Carquinez Straits bridge and professor of structural engineering at the University of California.

Mr. Delreth told a joint meeting of the Sacramento chapters of the American Society of Civil Engineers and the American Association of Engineers future expansion about the San Francisco Bay will demand the construction of great bridges in years to come.

The speaker, however, said he doubted whether the time is ripe for bridging the Golden Gate, and he declared he believed the cost of an adequate structure would be \$100,000,000.

He declared he believed the proposed bridge across San Pablo Straits from Richmond to McNear's Point is justified by the automobile traffic, but needs at this time do not demand a railroad bridge there.

GAS TAX BOOSTED

Sixteen states have increased their gasoline taxes since January last year, in amounts from one-half to two cents. It is estimated that the increased revenue will amount to approximately \$38,000,000 as a result.

STOCKTON BUILDERS' EXCHANGE TOLD OF ZONING ORDINANCE

Hubert H. Briggs, chairman of the Stockton Zoning Commission, at a meeting of the Stockton Builders' Exchange, told the members that the aim of the zoning body is to perfect a zoning ordinance for Stockton to meet all the problems such an ordinance should solve and still be flexible enough so as not to retard the city's growth.

Briggs stated that the commission made up of citizens of Stockton, is making a thorough study of all questions concerned with the preparation of the ordinance, and that the work is progressing rapidly.

Wm. O'Keeffe, president of the exchange, presided at the meeting.

FRANCE'S STEEL OUTPUT

France's production of pig iron during the month of October, 1927, according to official figures transmitted to the Bankers Trust Co. of New York by its French Information Service, showed a marked increase over the preceding months, 795,991 metric tons, as against 761,389 in September and 773,483 in August. The output of steel has also increased considerably, 722,914 metric tons, as against 693,276 in September and 694,029 in August.

WOMAN ARCHITECT CHOSEN

According to newspaper dispatches from London, an English woman of 29 has been named architect of the new Shakespeare Memorial theatre at Stratford-on-Avon. The design of Elizabeth Scott, daughter of a Bournemouth doctor, was unanimously selected from more than 70 submitted to the Anglo-American selection committee.

FIREPROOF LUMBER

Lumber is now being dried and put through a new fire proofing process, according to reports from New York. Samples of maple, yellow pine, white pine, fir and white oak, fireproofed by this process, are already on the market for investigation. They have passed, it is said, the tests made by the engineering laboratories of Columbia University and also the requirements of the New York City Bureau of Buildings for fireproof wood to be used in skyscraper interiors. This advancement offers many new possibilities for fireproof wood in home interiors.

1927 UNFILED STEEL TONNAGE

Due to the increased demand for steel, unfilled tonnage of the U. S. Steel Corporation at the close of December is expected to show a gain of more than 200,000 tons, and probably may exceed 300,000 tons. Should this develop, it would be the largest increase in bookings since December, 1925. Unfilled orders at the close of November were 3,341,000 tons.

Lumber is growing to be one of the chief exports of the Philippine Islands and a large portion of the shipments to the United States are made through San Francisco, according to a report by the Bureau of Foreign and Domestic Commerce. During September the Philippines exported 9,836,800 board feet of lumber, of which the United States took 4,036,056 feet. During the corresponding month of 1926 exports were 3,431,008 feet. The United States is the largest market, while Japan, receiving 3,731,200 feet of lumber during September, is second.

Raymond Concrete Pile Co. of San Francisco which has the contract to construct a bridge over San Francisco Bay from Little Coyote Point, San Mateo County to Mt. Eden, Alameda County, has leased quarters from the Bethlehem Shipbuilding Corp. at Alameda for the manufacture of concrete piles to be used in the construction of the bridge, the estimated cost of which is \$5,000,000.

THE OBSERVER



What He Hears
and Sees
On His Rounds

San Benito County in 1927 expended \$100,700 for road work in its districts, the largest sum yet expended during any single year for road work.

The National Association of Real Estate Boards is to undertake an investigation as to the average useful life expectancy of all types of buildings. The work is being carried on at the request of the Internal Revenue Bureau for the purpose of setting a standard rate of depreciation and obsolescence allowable for income tax purposes.

The end of the year 1927 marks a period of comparative peace in the labor trades of the building industry, according to the American Bond and Mortgage Company, which goes on to state that there appears little possibility of any important strikes or wages controversies before spring.

Oakland school construction program in 1927 involved the erection of 25 structures cost \$2,970,960. Construction was financed under the \$9,600,000 bond issue voted in 1924. The building program under the bond issue is more than one-half completed.

According to word from Ventura, the General Petroleum Corp. plans to construct two 8-in. pipe lines from its Rincon oil field to the refineries at Los Angeles. The total length of the line will be 90 miles.

M. M. O'Shaughnessy, city engineer of San Francisco, recommends a \$24,000,000 bond issue to finance completion of the Hetch Hetchy water project. The itemized costs of construction follow: Coast Range Division—150,802 ft. (26.2 miles) at \$95 per foot (completed), \$14,326,190; 2650 ft. shafts, \$250 ft., \$662,500; underground working chambers, \$125,000; permanent concrete lining, shafts, \$132,500; 3200 ft. Alameda creek siphon, \$160,000; special portal construction, \$20,000; right-of-way, \$50,000; total, \$15,486,190. San Joaquin Division: 47.5 miles of 60-in. equivalent pipe, \$7,500,000; special structures, including San Joaquin River crossing, valves, fittings, remaining right-of-way, \$750,000; total, \$8,250,000. Connection Irvington portal to Dumbarton pipe, 1.38 miles, including trench, \$188,225; access-ories, fittings, rights-of-way, \$50,000; total, \$238,225. Administration, engineering and contingencies, \$1,130,130; grand total, \$24,874,395.

A favorable report on the McNary-Woodruff bill, S. 1181, providing for Federal expenditures of \$4,000,000 for the acquisition of forest lands was voted by the Senate Committee on Agriculture and Forestry Jan. 5. Following brief hearings in which lumbermen, foresters and others urged the early passage of the measure, the Committee also voted to report the bill with an amendment making the total appropriation available for an eight-year program, instead of a ten-year program as originally provided. \$1,000,000 of which is to be made available immediately upon enactment. C. W. B. Greeley, chief U. S. Forester, explained that the bill contemplated the purchase of 4,000,000 acres at the headwaters of navigable streams, two and one-half million acres in the Lake States and one million in the Southern pine region. He estimated the lands in the Lake States and in the South together at 3,000,000 acres, valued at \$5,000,000, while the lands in the West would cost about \$1,000,000.

A Veterans' hospital building program of \$10,500,000 has been recommended to Congress by Director Hines of the U. S. Veterans' Bureau. The program provides for 28.5 additional beds, with several new hospitals and extensions. Included are, Palo Alto, Calif., office and attendants' quarters, \$240,000; American Lake, Washington, 100 bed addition, \$220,000; Walla Walla, Wash., 150 beds for infirmary, \$250,000; Tucson, Ariz., Recreation Building, \$260,000.

United States Steel Corporation's unfilled tonnage as of December 31 increased 518,430 tons compared with November 30. The December 31 tonnage figure was 3,972,874 tons, against 3,454,444 tons on November 30. On October 31 last unfilled tonnage was 3,341,040; on September 30, 1927, 3,148,113 tons, and on December 31, 1926, it was 3,660,969 tons.

Kern County Board of Supervisors contemplate a \$500,000 road building program each year. It is proposed to finance the work under direct tax or via bond issues.

The Feather River Power Company of San Francisco is about to open on the Feather river, near the proposed route of the North Fork highway, at Storie, a new power house for power distribution to the Great Western Power Company. The plant, costing over \$9,000,000, will be one of the major electrical generating plants in the west, having a capacity of 70,000 horsepower per day, which means the problem of transmitting 165,000 volts across the north fork of the Feather river. Employment will be given to more than 25 electric experts. The power company in order to build this plant was forced to construct 24 miles of roadway in the north fork of the Feather River canyon.

Pacific Coast Steel Co. has received a permit from the state corporation commissioner to issue a stock dividend of 10 per cent to both preferred and common stockholders. The company will issue \$252,740 in preferred and a like amount of common, increasing its outstanding preferred to \$2,750,140 and common to \$2,750,140. Balance sheet of Oct. 31, 1927, gives assets \$9,918,296, liabilities, \$8,337,163, net worth \$1,581,133.

Construction of a series of eight powerhouses by the Pacific Gas & Electric Company on the Middle and South Forks of the Feather River, sometime within the next three years, is revealed in applications filed with the federal power commission. The applications are for rights to filings originally made through the Feather River Power Company and acquired by the Western States Gas & Electric Company. When the Pacific Gas & Electric Company purchased these holdings from the H. M. Byllesby Company, owner of the Western States Gas & Electric Company, it became necessary to file upon the applications again. The project is a long contemplated one, designed to develop 300,000 horsepower and to cost approximately \$45,000,000. It is understood that in order to keep the water rights active, construction work must be started upon the project within a period of three years.

The American Institute of Co-operation will hold its annual sessions in 1928 at the Berkeley campus of the University of California, July 20 to August 4.

Associated General Contractors of Santa Barbara will fight any further increase in wages in the building trades in that section, according to a decision reached at a recent meeting of that body. Recent request has been made by the common laborers for an increase of \$6 per day from the present scale of \$5, and the union plumbers, who requested an increase a year ago are said to be insisting on an increase from \$10 to \$11 per day. When the plumbers made their demands a year ago for more wages, the master plumbers are said to have promised that if conditions warranted it, they would grant the increase the first of this year—at least that is said to have been the understanding of most of the master plumbers. However, the union men are said to have an agreement from the committee that represented the master plumbers a year ago definitely promising the increase the first of the year.

Alleged failure of the contracting firm of W. G. McGinty & Sons of Fresno to complete the construction of the convent and parish house of the Church of Our Lady of Lourdes in San Francisco during 1923 and 1924 was made the basis of a suit instituted in the superior court at Fresno, Jan. 10 against the firm by the Globe Indemnity Company. The surety company is suing the co-partnership for \$12,653, claimed to have been paid by it to the Roman Catholic Archbishop of San Francisco because of alleged abandonment of the construction contract by the defendant.

Arguments favoring construction by the Federal Government at a cost of \$45,000,000 of a dam at Umatilla Rapids on the Columbia river, between the states of Oregon and Washington, were heard by the Senate Committee on Irrigation and Reclamation at Washington, D. C., Jan. 10.

New quarters are being occupied by the Sierra Planing Mill Co. at Second and V Sts., Sacramento. The firm, operated by E. W. McSwain, A. Gustafson and W. H. Gilbert, was formerly located at Twelfth and North B streets. A number of new machines have been installed in the plant, which is considerably larger than the old premises.

Annual meeting of the San Diego Lumber Co. will be held at 730 Merchants' Exchange Bldg., San Francisco, Feb. 6, according to Wm. G. Mugan, secretary.

Stockholders of the Russ Lumber & Mill Co., and L. W. Blinn Lumber Co., will hold their annual meeting Jan. 25 in Room 600, Marson Building, San Francisco, it is announced by Rudolph Boede, Secretary.

Orders received by General Electric Company in 1927 declined to \$369,784,623 from \$327,400,207 in 1926, a decrease of 5 per cent. Fourth quarter orders were \$76,708,532 against \$80,406,570 in the fourth quarter of 1926. Earnings for the year will be announced late in March.

Dr. Harald Norinder, chief of the Stockholm Research Bureau of the Royal Board of Waterfalls, arrived in San Francisco Jan. 11 as the guest of the Westinghouse Electric Company. He addressed the San Francisco Chapter, American Institute of Electrical Engineers at the Cliff Hotel Jan. 12.

TRADE NOTES

N. A. Becker, general manager of the Columbia Steel Corp. at Pittsburg, Calif., has been named consulting and efficiency engineer for all plants owned by the corporation. The announcement is made by I. F. Rains, vice-president and general manager from the San Francisco office of the company. William Cohn, who was assistant to Becker, will succeed him.

Construction has been started on a new structure at Woodland for the Davis Lumber Company. It will be 38 by 56 feet and will provide storage quarters for casings, window frames, doors and other mill work.

A change in management for the Western Pipe & Steel Company in Fresno, with Frank F. Dickey, manager for the past few months, being transferred to Los Angeles and J. W. Hall, formerly manager of the Fresno plant, returned to Fresno from San Francisco, has been announced. Hall requested that he be returned to Fresno.

C. V. Bradbury of Oakland has purchased the plumbing business of A. Nutter at 266 Twelfth St., Richmond, and will operate under the firm name of Richmond Plumbing & Heating Company.

Electric Salesman Manufacturing Co. of Portland, Ore., capitalized for \$200,000, has filed articles of incorporation at Oakland. Directors are: Eugene Blazier, Fred C. Powell and Eugene E. Blaizer.

A. S. Titus, well known in lumber traffic circles, has resigned as traffic manager for the California White and Sugar Pine Assn.

The Unica Lumber Co., Fort Bragg, heads the list of redwood producers with 105 million feet for 1927. The heaviest fir cut so far noted is the Long-Bell operations at Longview, Wash., with 421 million feet.

The Glidden Company is not involved in any negotiations which the Certain-teed Products Corp. is reported to be carrying on for acquisition of that company and the Beaver-Board Corp., Adrian D. Joyce, president of the Glidden Co. is quoted as saying in dispatches from Cleveland "that is probably a revival of the old rumor," he said.

Announcement of the completion of the consolidation of the San Joaquin Lumber Company and Falconbury Lumber Company is made by W. H. Falconbury, new head of the consolidated concern which will operate under the name of the San Joaquin Lumber Company with headquarters in Stockton. Investments of approximately \$350,000 are involved in the merger, which was decided upon December 17. Headquarters of the new concern will be in the San Joaquin Lumber Company offices at Scotts Ave. and Mormon channel, Stockton. The Falconbury yard on West Fremont Street will continue in operation as a branch yard. The announcement indicates that the entire personnel of the merging companies will be retained. Dan H. Schroebel will be assistant to Falconbury and Fred J. McKain will also continue with the company. Schroebel was manager of the San Joaquin Lumber Company before the consolidation and McKain was manager of the Falconbury Lumber Co.

United States Gypsum Company officially denies reports of the possibility of a merger with Certain-teed Products.

ALONG THE LINE

Robt. D. Dalton, architectural engineer in the Oakland City Building Department, has been given an increase in salary by the city council which fixed the amount at \$275 per month. The increase is automatic. Dalton's salary was \$250.

Richard C. Lewis has been appointed superintendent of the Mountain View Municipal water works plant, succeeding C. H. Close, resigned. Mr. Lewis will also serve as the town's building, plumbing and electrical inspector.

Frank J. Klimm, contracting plumber, has been re-elected president of the San Francisco Department of Public Health. This is Mr. Klimm's third term as president of the health body.

Calvin Miller, San Jose contractor, died in that city Jan. 5 following a brief illness. Mr. Miller was a former member of the San Jose Police and Fire Departments.

John A. McGilvray, director of the Department of Industrial Relations and a member of the State Industrial Accident Commission, has resigned. Will J. French, a member of the commission since its inception in 1911, until he resigned in March 1924, has been appointed by Governor Young to fill the vacancy.

T. H. Messer, building inspector of Coronado, has resigned. His successor is yet to be appointed.

Sacramento city council has reduced the salary of City Manager H. C. Bottorff from \$15,000 to \$10,000 a year. Geo. N. Randle, city engineer of Oakland, was recently offered the position of Sacramento city manager but refused to accept it.

The town of Hillsborough, San Mateo County, has adopted the city manager form of government. At a special election the voters recommended the appointment of a city manager by a vote of 53 to 11.

S. J. Hester, former assistant secretary of the San Francisco Department of Public Works, has been named secretary, succeeding Wm. J. Fitzgerald, who was recently elected to the office of sheriff of San Francisco.

Erle J. Osborne, San Francisco architect with offices in the Balboa Bldg., will leave February 1st for a tour of the Eastern states. The trip will be combined with both business and pleasure and will cover a period of about four months.

Alfred Dubbers, railroad construction engineer and for the past twenty-one years assistant engineer with the Southern Pacific Company, died in Santa Cruz recently. He was formerly with the U. S. Geological Survey and was instructor in mathematics at Selborne School, San Rafael.

Earl Grey Parks, Seattle architect, for twenty years associated with the architectural firm of Bebb & Gould of that city, died in Seattle recently.

The California Portland Cement Co. has authorized the expenditure of \$500,000 for improvements at the cement plant at Colton, San Bernardino County. The principal items will be replacement and installation of new kilns.

HERE — THERE — EVERYWHERE

Plastering, roofing and masonry will be inspected hereafter in San Leandro, according to an ordinance passed by the city council. In the past new buildings have been examined as to structure, sewerage, plumbing and electrical installation. The addition of the new requirements will raise the standards of buildings. Inspector Chris Hopper pointed out.

Arthur Kempston, manufacturer of electrical appliances and former chief of the San Francisco Department of Electricity, will address members of the Architects and Engineers Club at Sacramento, Jan. 23. The address will be part of an educational campaign sponsored this year by the Pacific Coast Electrical Association. Arrangements for the lecture are being completed by Earl L. Holman, secretary of the club.

Turlock city council contemplates the adoption of uniform building code as prepared by the Pacific Coast Building Official Conference. Copies of the code have been ordered purchased and these will be studied by members of the council.

Civil engineers of Orange county will hold a meeting January 20 at Santa Ana to form a permanent organization. Fifty-seven engineers attended a preliminary meeting called by W. K. Hilliard, who presided, at which a committee was appointed to arrange for another meeting for the purpose of forming an association.

Charles W. Pettifer was chosen president of the Long Beach Builders' Exchange for 1928. Other officers elected by the directors are: Roy W. Orris, vice-president; John W. Parsons, secretary, and Milton D. Moffitt, treasurer. E. A. Bradbury was re-elected manager. The other members of the board are Paul Maull, J. W. Bowman and B. S. Galleher.

The annual meeting of the Arizona Lumbermen's Club is scheduled for Phoenix, Feb. 17, 18 and 19, 1928.

Union carpenters in Bakersfield will begin working on a five-day week schedule in April, pursuant to action of Bakersfield local No. 743. The union members voted to place the five-day week into effect in Bakersfield in 90 days, and notices of the action will be sent to all contractors. Members of the union reported that "a majority of the contractors" favor the five-day working week schedule.

The annual meeting of the Allied Steel Interests Conferences is scheduled at Del Monte February 16, 17 and 18. Sessions will be held at the Hotel Del Monte.

Thos. C. Wishart, 24, plumbing contractor of Redwood City, accidentally shot and killed himself in Santa Rosa Jan. 8 while duck hunting.

Annual meeting of the Electrical Supply Jobbers and Plumbing Supply Jobbers will be held at the Hotel Del Monte, Monterey County, January 27, 28 and 29.

Pacific Coast Hardware Jobbers will hold their annual meeting at the Hotel Del Monte, February 9, 10 and 11.

Acme Concrete Co., formerly located at 6467 California St., has moved to 2254 Thirty-first Ave., San Francisco.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1428-S INDUSTRIAL ENGINEER. with experience in handling labor production problems and rate setting for employment with consulting engineer. Must have organizing ability, initiative, tact and abundant energy. Must be a salesman with technical training and ability along mathematical lines and a proven interest in the labor and production element in manufacturing problems. Apply by letter giving experience in detail, education, and general qualifications, with photo. Location Pacific Coast. Salary open.

R-1423-S ENGINEER, for company doing a general steel business in both structural shapes and reinforcing bars. Requires man with structural experience for a position combining estimating, designing, selling, supervising field work, and some occasional detailing. Location Arizona. Salary about \$300. Apply by letter.

K-3-X-3918-CS CIVIL ENGINEER, member of the Am. Soc. of C. E. engaged in coal mining in Colorado for 20 years, desires an associate in developing large coal property largely equipped; \$50,000 required. The Moffat Tunnel will be in operation in January 1928, removing a great obstacle to development. Apply by letter.

K-2-X-3915-CS ENGINEER, who has technical knowledge and practice in the manufacture of galvanized sheet and can be trusted as director of a steel sheet factory in Mexico. Apply by letter only. Headquarters, New York City.

X-2446-CS DESIGNERS, graduates, with structural steel and reinforced concrete experience for oil refining work. Salary \$250 a month. Apply by letter. Location South. Headquarters New York City.

R-1354-S SALES ENGINEER, to develop the sale of air and electric portable drills, air compressors and tools for use of contractors and machine shops. Commission only. Location East Bay.

R-1429-S ARCHITECTURAL AND STRUCTURAL DRAFTSMAN, familiar with concrete and frame construction to detail plans for contractor. Must be experienced. Salary open. Location San Francisco.

SAN RAFAEL DEMANDS FEE FOR BUILDING PERMITS

Issuance of building permits without the payment of fees in San Rafael has been discontinued by the city council, with the passage to print of an ordinance providing for a fee of from \$1 to \$10 on all buildings of from \$100 to \$1000 in value, and changing the amounts of fees for buildings of greater value. Heretofore no fee has been charged on permits for buildings under \$500 in value, and the same fee was charged for all buildings from \$2000 to \$4000, and from \$5000 to \$9000 in value, respectively.

Under the former scale of fees the total amount collected by the city on building permits in 1925 was \$2015. Under the scale provided for in the ordinance just passed would have netted the city a revenue of \$2665.

Under the provisions of the new ordinance the following scale of fees will be charged for building permits:

For buildings up to \$1000 in value, \$1 per \$100 valuation; from \$1001 to \$2000, 50 cents per \$100 valuation additional; from \$2001 to \$15,000, \$2 per \$1000 additional, and from \$15,000 up, \$1 per \$1000 additional.

PACIFIC COAST BUILDING IN 1927 SHOWS A 10 PER CENT REDUCTION - \$27,959,113 IS DECEMBER TOTAL

A commendable policy of conservatism on the part of builders, promoters of building projects and those who finance building operations has been an outstanding characteristic of this industry during 1927 throughout the United States.

It has affected the building program of Pacific Coast cities to the extent of a reduction of approximately 10 per cent from the total volume of construction in 1926. The first eleven months of the year registered an aggregate 7 per cent reduction, but a marked curtailing of activity in December greatly reduced the annual record.

A grand total of 153,482 building permits calling for \$452,339,617 in construction costs was issued during 1927 in 98 cities of the Pacific Coast reported in the National Monthly Building Survey of S. W. Straus & Co. In 1926 these cities issued 149,093 permits for buildings to cost \$509,620,078, and in 1925 the total was 181,950 permits for buildings to cost \$542,322,902.

The increase in population in practically all of the cities of the Western Coast area is relatively much greater than elsewhere in the United States. A building program for 1928 in this area comparable to that of 1927 or in some cities greater, may be expected without jeopardy to existing conditions.

Following are the official construction cost figures issued during December, 1927, and the year 1927, as reported by building department executives from 98 cities comprised in the Pacific Coast Section of the National Monthly Building Survey of S. W. Straus & Co.:

City—	December, 1927 No.	Cost	Dec. 1926	No.	Year, 1927 Cost	Year, 1926
CALIFORNIA						
Alameda	56	\$ 129,293	\$ 503,324	792	\$ 1,537,424	\$ 2,241,799
Albany	40	120,000	65,000	360	1,511,661	1,544,034
Alhambra	60	142,070	172,610	947	2,422,862	3,112,574
Anaheim	20	27,553	17,715	263	449,741	378,884
Bakersfield	61	101,120	157,986	894	1,994,491	2,095,215
Berkeley	174	645,717	314,239	2,690	6,687,233	7,347,076
Beverly Hills	85	305,600	3,078,553	986	7,212,766	11,001,877
Burbank	62	237,990	178,625	779	2,014,999	2,592,284
Burlingame	23	87,650	250,600	364	1,611,245	1,912,247
Colton	8	7,100	3,300	168	307,750	304,685
Compton	25	71,320	130,905	346	821,698	1,562,718
*Coronado	15	67,855	26,380	208	497,856	672,193
Culver City	20	70,000	42,580	230	994,585	1,051,194
Emeryville	2	800	247,084	59	332,104	577,163
Eureka	23	25,140	18,219	558	740,156	445,438
Fresno	59	126,764	316,339	1,040	2,690,563	1,819,725
Fullerton	17	37,975	33,300	282	827,418	1,496,961
Glendale	111	450,335	932,657	1,719	8,240,250	10,018,178
**Hollywood	95	980,295	2,616,656	1,319	17,855,967	23,220,017
Huntington Park	91	149,754	88,821	728	1,584,134	1,434,713
Inglewood	34	86,150	168,925	550	1,369,366	2,352,882
Long Beach	360	2,153,235	1,157,265	4,806	13,697,145	8,619,720
Los Angeles	2482	6,630,403	10,089,871	41,076	122,027,139	123,006,215
Lynwood	35	109,630	76,700	362	861,911	788,550
Modesto	22	45,235	30,740	358	534,107	658,413
Monrovia	21	32,200	39,900	339	585,050	986,780
*Montebello	7	18,875	13,060	165	500,514	315,255
National City	20	57,740	31,045	273	392,990	386,965
Oakland	392	756,549	1,846,999	7,770	20,794,669	28,075,295
*Ontario	22	42,060	122,125	347	674,581	1,057,890
Orange	6	14,350	21,500	105	201,540	298,875
Palo Alto	24	122,897	69,010	621	2,117,895	\$1,820,422
Palos Verdes Est.	3	45,000	27,500	34	554,512	426,100
Pasadena	235	628,513	458,194	2,757	9,020,876	9,667,900
Piedmont	13	81,520	84,015	294	1,331,620	1,430,638
Pomona	20	175,520	74,800	673	1,481,899	1,044,710
*Redlands	20	165,608	125,500	252	1,028,781	1,200,125
Redondo Beach	7	11,075	19,025	155	229,025	340,166
Redwood City	23	43,155	72,280	386	792,296	1,050,867
Richmond	42	88,660	300,617	797	1,431,015	2,274,959
Riverside	64	323,885	310,575	1,011	3,123,870	2,309,842
Sacramento	133	259,940	339,131	2,495	8,810,188	7,722,581
Salinas	22	35,075	43,784	457	1,281,944	712,958
San Bernardino	75	217,165	172,360	1,051	3,416,556	3,539,282
San Diego	443	1,434,954	2,339,828	7,389	14,251,966	20,001,729
San Francisco	620	2,582,015	5,066,659	9,190	47,032,548	57,953,948
San Gabriel	9	9,800	79,675	274	505,524	1,106,420
San Jose	72	124,480	131,605	1,066	3,581,885	4,377,020
San Leandro	18	32,165	86,000	310	1,000,967	2,131,887
San Marino	14	169,504	235,585	235	3,168,473	2,187,145
San Mateo	12	87,272	24,850	274	1,140,040	2,034,269
San Rafael	7	8,615	110,600	171	364,587	511,124
*Santa Ana	36	38,368	147,640	571	1,448,717	1,507,085
Santa Barbara	76	135,930	70,725	1,070	3,002,998	2,659,060
Santa Cruz	20	43,220	46,920	245	631,204	925,405
Santa Monica	101	185,960	175,185	1,417	4,863,671	7,472,417
South Gate	40	137,150	180,600	676	1,905,954	1,592,650
Stockton	69	253,900	240,185	977	2,824,193	2,749,564
Torrance	12	210,550	32,150	342	2,110,922	457,588
Ventura	50	236,300	89,870	486	1,800,532	2,362,184
Vernon	25	68,250	434,425	222	1,971,966	2,079,411
Whittier	13	62,575	28,905	319	723,925	733,952
Total	6582	\$20,437,319	\$31,569,760	104,319	\$326,427,343	\$359,786,663

ARIZONA						
Phoenix	92	\$ 701,055	\$ 146,598	1,224	\$ 5,652,115	\$ 2,635,124
Tucson	65	111,511	252,235	831	2,265,256	1,782,445
Total	158	\$ 812,566	\$ 399,833	2,055	\$ 7,917,371	\$ 4,417,569

IDAHO

Boise	33	\$	345,500	\$	19,636	1,045	\$	1,260,191	\$	653,990
Idaho Falls	1		750		2,500	89		361,000		422,725
Lewiston	14		5,495		44,775	396		864,525		796,955
Nampa	16		5,565		55,775	251		297,395		319,215
Total	64	\$	357,310	\$	122,686	1,781	\$	2,783,111	\$	2,192,885

NEVADA

Reno	11	\$	38,950	\$	674,126	239	\$	723,755	\$	1,808,791
------------	----	----	--------	----	---------	-----	----	---------	----	-----------

OREGON

Astoria	5	\$	750	\$	2,495	139	\$	158,063	\$	278,670
Eugene	25		76,250		89,925	496		1,434,742		1,545,475
Klamath Falls	17		43,983		18,560	630		1,920,224		2,337,583
La Grande	6		9,000		8,045	244		880,528		359,882
Marshfield	4		16,700		7,385	100		168,425		340,835
Medford	22		27,872		18,430	490		654,152		801,616
Portland	655		1,120,510		1,562,705	11,294		28,973,452		32,588,875
Salem	35		70,650		101,100	593		2,625,577		2,934,104
Total	769	\$	1,365,717	\$	1,808,645	13,986	\$	36,815,263	\$	41,187,049

UTAH

Logan	2	\$	2,500	\$	12,500	75	\$	590,400	\$	352,200
Ogden	18		118,000		130,350	308		1,005,260		1,428,150
Provo	7		23,675		26,000	117		400,175		196,250
Salt Lake City	32		112,800		249,575	1,010		4,664,630		5,407,728
Total	59	\$	256,975	\$	418,425	1,510	\$	6,660,465	\$	7,394,328

WASHINGTON

Aberdeen	47	\$	39,995	\$	102,335	899	\$	992,202	\$	1,451,523
Anacortes	11		9,370		4,175	179		260,816		214,505
Bellingham	40		48,804		56,090	982		1,745,890		2,288,737
Everett	30		22,450		34,100	1,388		730,052		1,069,651
Hoquiam	24		25,420		70,580	445		1,419,538		530,358
Longview	14		22,008		51,855	277		1,322,658		1,590,537
Olympia	11		10,880		10,990	294		442,070		906,340
*Port Angeles	6		4,700		17,800	184		506,133		743,670
Seattle	522		1,281,220		4,065,095	9,906		29,069,080		34,207,700
Spokane	71		117,225		455,015	2,113		3,656,499		4,170,853
Tacoma	96		944,400		552,650	2,393		5,389,313		7,119,632
Vancouver	25		16,315		36,755	601		1,228,306		865,512
Walla Walla	15		27,083		14,915	257		374,425		479,451
Wenatchee	8		14,450		31,900	213		689,740		782,050
Yakima	23		23,460		188,315	536		838,155		1,184,596
Total	937	\$	2,612,720	\$	5,654,770	20,483	\$	48,259,744	\$	56,861,445

BRITISH COLUMBIA

Vancouver	179	\$	968,385	\$	408,175	3,759	\$	10,687,167	\$	15,501,262
Point Grey	51		124,300		371,700	1,528		4,678,430		6,045,650
Burnaby	32		90,890		35,347	1,061		1,152,505		1,088,517
No. Vancouver Dist.	14		9,845		27,025	251		683,070		424,878
No. Vancouver	4		8,450		16,001	236		322,841		643,186
So. Vancouver	27		30,950		70,720	1,085		1,304,083		1,390,699
*West Vancouver	2		5,800		17,100	219		497,762		430,566
New Westminster	10		12,150		38,435	395		1,082,096		748,169
Victoria	33		826,786		93,155	575		2,344,611		698,239
Total	352	\$	2,077,556	\$	1,077,258	9,109	\$	22,752,565	\$	26,971,157
Gr. Total 95 cities	8932	\$	27,959,113	\$	41,525,503	153,482	\$	452,339,617	\$	550,620,078

*Figures received too late to be included in tabulated totals.

**Hollywood figures included in Los Angeles totals.

gineering." Thos. Hawthorne, director of irrigation in Haiti (1921-26), discusses the engineers in that section.

Harry A. Storrs, chief inspector for the East Bay municipal utility district, is featured in an article on the automatic electric welding of pipes for the Mokelumne water conduit. A treatise on cork is given by Frank E. Whittemore.

Time and the Old Mill Wheel is told by Rudolph E. Beiter. The Mercator Projection is discussed by Walter Landers and A. E. Zimmerman of the historical committee of the society tells of the Russian explorer in the Pacific Northwest. Albert J. Capron, secretary of the society, is featured under the caption, "Wanted: Men to Carry 'A Message to Garcia'."

Design and description of a modern manually operated telephone exchange is told by J. Wallace, a past vice president. Hans Graff tells of the quotation of Herbert Hoover, "Come out of your shell, you engineer." J. F. Beaman, a director of the society, is featured as a poet in "Jim Jackson."

"Ephraim Dyer II and Ebenezer Herriek Dyer," a biographical sketch compiled by Glenn B. Ashcroft, a member of the historical committee, and the evolution of fortifications around San Francisco Bay is told by Major O. W. Degen, C. E., Q. M. Corps at Fort Mason.

The cover design for the Year Book was furnished by the "Save the Redwoods League," through the courtesy of Newton B. Drury.

ARCHITECT'S COMPLAINT MAY CAUSE LOSS OF HIS PROPERTY

When E. L. Norberg, Burlingame architect and land owner, complained to the Burlingame City Council about a month ago that the City Hall overlapped property owned by him and he desired something done about it, he started something. At that time the matter was referred to City Attorney Fletcher L. Cutler for investigation. As a result Cutler announces that more than twenty years ago all of what is known as the Burlingame creek bed was deeded to the city by W. H. Howard. Somehow, this transfer was forgotten. There now stands on what Cutler says is city property, some \$150,000 worth of buildings. Incidentally, the creek goes through Norberg's lot. Cutler says it is probable that the city will take action to recover this property.

MATERIAL UP 73.4%

Comparing prices in 1926 with those prevailing in 1913, the group of commodities showing the largest increase was 79.9 per cent. Clothing materials came next with an increase of 75.9 per cent. Other increases were: Building materials, 73.4 per cent; house-furnishing goods, 61.8 per cent; foods, 52.9 per cent; farm products, 42.2 per cent; metals, 26.7 per cent; and miscellaneous commodities, 23.9 per cent. All commodities on an average were fifty-one (51) per cent higher in 1926 than in 1913.

GRADE CROSSING ACCIDENTS

The December issue of California Highways and Public Works reports an interesting analysis of grade crossing accidents on twenty-four railroads in California for the period from January 1, 1925, to May 10, 1927. The analysis was made by the State Railroad Commission.

The 2251 accidents analyzed were as follows: On crossings protected by crossing signs, 946; by wigwags, 654; by human flagmen, 290; by overhead crossing signs, 293; by gates, 34; by crossing bells, 34. These 2251 accidents resulted in 297 persons being killed and 1054 injured. Property damage only occurred in 1360 accidents.

TOPICS OF IMPORTANCE REVIEWED IN 1927 YEAR BOOK OF ENGINEERS

BY THE OBSERVER

The 1927 Year Book of the Society of Engineers, formerly the San Francisco Chapter, American Association of Engineers, an organization devoted to the interests of professional engineers, is off the press. The issue contains 70 pages of illustrated reading matter and four pages of advertising.

In addition to articles submitted by some of the leading engineers in the San Francisco Bay district, the issue contains a complete roster of the officers and committees and a complete listing of the membership together with the address of the member and the firm with which he is employed if not operating for himself.

An entire page "Foreword" prepared by George E. Tonney, president of the society, carries an important message to engineers throughout the world and particularly to those of the far West.

Prof. Chas. D. Marx, consulting engineer of Palo Alto, discusses the Stevenson Test Dam; G. Harold Porter, manager of the Pacific Division of the Radio Corporation of America, discusses Radio—in the past, present and future; C.

Dereleth Jr., chief engineer for the American Toll Bridge Co., and Dean of the College of Civil Engineering, University of California, writes on the three unique features of the Carquinez Bridge project.

C. C. Cottrell, manager of the highways bureau of the California State Automobile Association, is featured in an article on meeting traffic requirements in modern highway design. The discovery of aether waves as being the cause of universal gravitation is explained by Captain T. J. J. See, professor of mathematics, U. S. Navy and Government Astronomer at Mare Island. Ad Schuster, editor of the Oakland Tribune, comments upon the metropolitan destiny of the East Bay district. California State parks are featured in an article by Chas. B. Wing, executive head of the Department of Civil Engineering, Stanford University.

Development of the Oakland airport is outlined by D. R. Lane of the Oakland Chamber of Commerce, and Raymond E. Davis, professor of civil engineering at the University of California is featured in a topic "The Trend of En-

Building News Section

APARTMENTS

Completing Plans
APARTMENTS Cost \$—
SAN FRANCISCO, Mission District.
Six-story class C steel frame and concrete bldg., 50 apts, stores, offices and garage.

Owner—Withheld.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Two stories of the structure will be devoted to garage. One story for stores and one floor for doctors' offices. Construction will be started as soon as bank loan is obtained.

Plans Complete
APARTMENTS Cost \$—
SAN FRANCISCO, Hayes Valley Dist.
Six-story class C concrete apt. bldg., 117 2, 3 and 4-room apts.

Owner and Builder—Withheld.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Sub-bids will be taken by the owner in one week at which time name will be disclosed.

Sub-Contracts Awarded.
APARTMENTS Cost, \$90,000
SAN FRANCISCO. NE Haight and Broderick Streets.

Six-story and basement reinforced concrete apartment building (36 apts.)
Owner—Mrs. Bessie Cooley, 2090 Ninth Ave., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg. San Francisco.

Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Concrete—H. L. Petersen, 163 Sutter St., San Francisco.

Concrete and Structural Steel Contracts Awarded

APARTMENTS Cost \$100,000
SAN FRANCISCO, W Scott st. N Hayes. Six-story and basement reinf. concrete apt. bldg., 42 2 and 3-room apts.

Owner—Mrs. Edna Stempel, 811 Hearst Bldg.

Architect—J. C. Hladik, Monadnock Bldg. Contractor—R. J. Stempel, 811 Hearst Bldg.

Concrete—H. L. Petersen, 163 Sutter st. Structural steel—Dyer Bros., 17th and Kansas sts.

Preliminary Plans Being Prepared
APARTMENTS Cost \$60,000
SAN FRANCISCO, NW North Point st. and Scott st.

Three-story frame and stucco apartment bldg., 15 2, 3 and 4-room apts.

Owner and Builder—Thomas Quistad, 2108 Post st.

Architect—R. R. Irvine and L. Ebbets, Call Bldg.

Preparing Working Drawings
APARTMENTS Cost \$60,000
SAN FRANCISCO, SW North Point and Broderick sts.

Three-story frame and stucco apartment bldg., 6 2-rm., 7 3-rm. and one 4-rm. apts.

Owner and Builder—T. B. Strand, 882 31st ave.

Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Sub-bids will be taken in one week.

Sub-Bids Being Taken.
APARTMENT BLDG. Cost, \$25,000
SAN FRANCISCO. SE Chestnut and Steiner Streets.

Two-story frame and stucco store and apartment building (6 stores).

Owner—T. A. Scoble, 336 Kearny St., San Francisco.

Architect—E. E. Young, 2002 California St., San Francisco.

LOS ANGELES, Cal.—Dwyer & Van Doren, 3142 Wilshire Blvd., are preparing plans and Weymouth Crowell Co., 2104 E. 15th St., will build an 11-story Class A apartment building at 626 S. Kingsley

Dr., for the Kingsley Monar Corp., Rex B. Duncan, president; the building will have 4 apartments to each floor and the apartments will contain six and seven rooms each; there will also be a large lobby and service rooms; steel frame and reinforced concrete construction, 95x150 feet. Cost, \$1,000,000.

Window Frame Contract Awarded.
APARTMENTS Cost, \$150,000 each
SAN FRANCISCO. Van Ness Ave. and Clay St.

Three five-story Class C steel frame and brick apartment buildings (2 and 3-room apts.)

Owner—Van Clay Building Co., Inc. Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Contractor—Stock, Maas & Sauer, 1820 Clay St., San Francisco.

Window Frames—Pacific Mill & Cabinet Co., 2051 San Bruno Ave., S. F.

Other awards made were previously reported.

Structural Steel Contract Awarded.
APARTMENTS Cost, \$200,000
SAN FRANCISCO. SW Leavenworth and O'Farrell Sts.

Eight-story Class A apartment building (75 2-room apts.)

Owner and Builder—Marian Realty Co., 110 Sutter St., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Structural Steel—Central Iron Works, 2050 Bryant St., San Francisco.

Bids To Be Taken Next Week.
APARTMENTS Cost, \$75,000
OAKLAND. Alameda Co., Cal. Ivy Dr. and Seventh Ave.

Four-story and basement Class C apartment building (21 2 and 3-room apts.)

Owner—Ray Blanco. Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.

Owner will take bids next week on the premises.

Plans Being Completed.
APARTMENTS Cost, \$—
BURLINGAME, San Mateo Co., Cal. Burlingame Ave. near Lorton St.

Three-story steel frame and concrete apartment and store building (five 3, 4 and 5-room apts; number of stores not decided).

Owner—Mr. Moyer. Architect—E. L. & J. E. Norberg, 580 Market St., San Francisco.

Segregated bids will be taken in about one week.

Completing Plans.
APARTMENTS Cost, \$30,000
BERKELEY, Alameda Co., Cal.

Three-story frame and stucco apartment building (12 2 and 3-room apts.)

Owner and Builder—E. K. Collins, 842 Creed Road, Oakland.

Architect—Hutchinson & Mills, 1214 Webster St., Oakland.

Sub-bids will be taken shortly.

Plans Being Figured
APARTMENTS Cost \$180,000
SAN FRANCISCO, SW Sixteenth ave. and Lincoln way.

Six-story steel frame and concrete class C apartment building (90 rooms, 2 and 3-room apts.)

Owner—Lincoln Investment Co. Architect—Albert H. Larsen, 447 Sutter st., San Francisco.

Architect—Albert H. Larsen, 447 Sutter st., San Francisco.

Plans Being Prepared
APARTMENTS Cost \$—
SAN FRANCISCO, Guerrero st. bet. 21st and 22nd sts.

Five-story and basement steel frame & concrete apartment bldg., 30 two and three-room apts.

Owner—Withheld. Architect—Albert H. Larsen, 447 Sutter.

Reinforcing Steel Contract Awarded.
APARTMENTS Cost, \$108,000
SAN FRANCISCO. N Pine Street — E Hyde Street.

Six-story steel frame and concrete Class C apartment building (54 rooms, 2 and 3-room apts.)

Owner—Lincoln Investment Co. Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Contractor — J. A. Johnson, 1043 Russ Bldg., San Francisco.

Reinforcing Steel—Badt-Falk & Co., 74 New Montgomery St., San Francisco.

As previously reported, structural steel awarded to Central Iron Works, 2050 Bryant St., S. F.

Sub-bids Being Taken
APARTMENTS Cost \$50,000
SAN FRANCISCO, Fillmore street near Chestnut street.

Three-story frame and stucco apartment building (42 rooms).

Owner and Builder—A. F. Marshall, 1136 10th ave., Oakland.

Architect—Arthur Young, 506 Fifteenth st., Oakland.

Owner Taking Sub-figures
APARTMENTS Cost \$30,000
SAN FRANCISCO, SW Beach and Pierce.

Three-story and basement frame and stucco apartment bldg., 6 3-room and 3 2-room apts.

Owner and Builder—Thos. L. Scoble, 336 Kearny st.

Architect—E. E. Young, 2002 California street.

To be Done by Day's Work
APARTMENTS Cost \$35,060
SAN FRANCISCO, E Octavia 100 N Lombard.

Three-story and basement frame and stucco apartment bldg., 12 apts.

Owner—McCormick Realty Co., 46 Kearny st.

Architect—None.

Building permit applied for.

Structural Steel Contract Awarded.
APARTMENTS Cost, \$75,000
SAN FRANCISCO. SE Bush and Gough Streets.

Six-story and basement reinforced concrete apartment building (36 apts.)

Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.

Structural Steel—Golden Gate Iron Wks., 1541 Howard St., San Francisco.

Plans Being Prepared
APARTMENTS Cost \$—
SAN FRANCISCO, Jackson st. bet. Buchanan and Jackson.

Fourteen-story class A steel frame and concrete apt. bldg., 28 6-room apts.

Owner—A. Penziner, 750 Taylor st. Plans by owner.

FOR
QUALITY WORK
QUICK SERVICE

**SPRAY
PAINTING**

**CAPITAL
COMPRESSED AIR
PAINTING CO.**
1508 J ST. MAIN 445 SACRAMENTO

**WATER PROOFING
DAMP PROOFING
FLOOR HARDENING**

Contractor Taking Sub-figures
APARTMENTS Cost \$17,000
SAN FRANCISCO—E. Pierce st. 200 S Capra way.
 Two-story and basement frame and stucco apartment building, 2 2-room, 2 3-room and 1 4-room apts.
 Owner—Pring & Lesswing.
 Architect—Pring & Lesswing, 605 Market st.
 Contractor—H. B. McKinney, 1487 45th avenue.

To be Done by Day's Work and Sub-contracts.
APARTMENTS Cost \$30,000
SAN FRANCISCO, SE 41st ave. and Anza street.
 Three-story and basement frame and stucco apartment bldg., 9 apts.
 Owner and Builder—Manning-Baldwin Co., 485 14th st.
 Architect—J. C. Hladik, Monadnock Bldg.

Plans Complete
APARTMENTS Cost \$—
SAN FRANCISCO, E Scott st. 54 N Beach
 Three-story frame and stucco apartment bldg., 12 3-room apts.
 Owner and Builder—V. Rasmassun.
 Architect—Albert H. Larsen, 447 Sutter.
 Sub-bids will be taken shortly.

BONDS

YUMA, Arizona—A special election has been called for January 14 by the Board of Education of Yuma Union High School District for the purpose of voting bonds in the sum of \$150,000 for erecting a new school building and \$50,000 for erecting a new gymnasium.

McFARLAND, Kern Co., Cal.—McFarland School District votes bonds of \$20,000 to finance 2-classroom addition to present school.

WATSONVILLE, Santa Cruz Co., Cal.—Election will be called shortly by Board of Education to vote bonds to finance erection of new grammar school. Estimates of cost are yet to be determined.

SAN MARINO, Cal.—An election will be held Jan. 20 in San Marino School District to vote on the question of issuing bonds in the sum of \$65,000 for erecting a five-room addition to the present school building.

SANTA PAULA, Ventura Co., Cal.—The city council will call an election shortly to vote bonds for the purchase of a site and erection of a new city hall.

CHURCHES

MARTINEZ, Contra Costa Co., Cal.—First Baptist Church, Rev. Albert Ehrhardt, pastor, has purchased property at Estudillo and Green streets and contemplates the erection of a Class A church equipped with every facility for community work.

Plans Being Revised.
PARISH HOUSE Cost, \$7000
RICHMOND, Contra Costa Co., Cal.
 Sixth and Bissell Streets.
 Two-story and basement frame and stucco parish house and Sunday school.
 Owner—Christian Church.
 Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.
 New bids will be taken shortly.

Sub-Contracts Awarded.
CHURCH Cost, Approx. \$100,000
STOCKTON, San Joaquin Co., Cal. NW Center and Flora Sts.
 Two-story frame and brick church building.
 Owner—First Church of Christ Scientist.
 Architect—Allen & Young, 41 S-Sutter St. Stockton.
 Contractor—Lewis & Green, Commercial & Savings Bank Bldg., Stockton.
 Gravel and Tile Roofing—Allyn L. Burr Co., 345 S-Commerce St., Stockton, at \$4175.
Plumbing—E. H. Grogan Co., 327 E-Miner St., Stockton, at \$11,654.
Electrical Work—M. W. Hild, 221 W-Willow St., Stockton, at \$2750.

Contractor Taking Sub-figures
CHAPEL Cost \$10,000
LOS ALTOS, Santa Clara Co.
 One-story frame and stucco chapel.
 Owner—Roman Catholic Archbishop.
 Architect—Leo J. Devlin, Pacific Bldg., S. F.
 Contractor—Barrett & Hilp, 918 Harrison st., S. F.

FACTORIES & WAREHOUSES

SAN FRANCISCO—Dealers Refrigerator Co., 446 6th St., San Francisco, purchase site containing 46,000 sq. ft. in Third street near Paul Ave. and will erect modern plant for manufacture of Delarco refrigerators and freezer counters.

MOUNTAIN View, Santa Clara Co., Cal.—Warehouse of Foothill Canning Co., and plant of Mountain View Manufacturing Co., destroyed by fire Jan. 8. Loss is estimated at \$50,000.

SAN FRANCISCO—The Western Tallow Co., Davison and Lane sts., is planning the erection of new plant to replace the one recently destroyed by fire. As yet no architect has been selected.

WOODLAND, Yolo Co., Cal.—George Luck will shortly purchase materials necessary involving the erection of a fireproof dyeing and cleaning plant. Will be erected in Grand Ave. near West Main St.

WOODLAND, Yolo Co., Cal.—Bids are being received by Dutcher Bros., dyers and cleaners, for a dyeing and cleaning plant to be erected in Third St., bet. Main and Lincoln Sts.; main building will be 50 by 37 ft.; boiler room 10 by 14 ft. Brick and stucco construction. Machinery installation will involve an expenditure of \$3000.

SAN FRANCISCO—Link-Belt Meese & Gottfried Co., 3100 Nineteenth St., has purchased two additional acres of land in connection with previous purchase of five acres in the Paul Tract (South San Francisco industrial section) on which the company will erect a new plant. Details of construction are yet to be worked out.

Sub-bids Being Taken
FACTORY Cost \$5000
SAN FRANCISCO, Fifth and Harrison.
 One-story and mezzanine floor, reinf. concrete factory bldg.
 Owner and Builder—Barrett & Hilp, 918 Harrison st.
 Plans by owners.

Contract Awarded.
ADDITION Cost, \$16,000
SAN FRANCISCO. NE Mission and Plum Streets.
 One-story addition to present manufacturing plant.
 Owner—Speyer & Schwartz, 317 Main St., San Francisco.
 Architect—Ellison & Russell, 712 Pacific Bldg., San Francisco.
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

EXETER, Tulare Co., Cal.—Packing plant of Glaze, Balaam & Moyer Packing Co. destroyed by fire with loss of \$10,000. Insurance of \$5000 carried.

SACRAMENTO, Cal.—Directors of the K. C. B. Electric Manufacturing Co., 42nd St. and 14th Ave., vote to construct addition to present plant. The addition will be 30 by 60 ft. I. Kubel is president of the company.

CORNING, Tehama Co., Cal.—Jos. Soubirou, operating the Corning Steam Laundry, granted building permit by city to erect reinforced concrete addition, 14 by 18 ft., for dyeing and cleaning purposes.

Contracts Awarded.
PACKING PLANT Cost, \$75,000
SAN FRANCISCO. W Langton St. — 275 S Bryant St.
 Two-story and mezzanine floor packing plant.
 Owner—Tiedemann & Harris, 780 Folsom St., San Francisco.
 Architect—D. A. Riedy, 821 Market St., San Francisco.
 Contractor—Frederick Moller, 185 Stevenson St., San Francisco.
Heating—O'Mara & Stewart, 218 Clara St., San Francisco.
Refrigeration—Frank H. Rafael.
Meat Racks—John's Hanger Co., 709 Harrison St., San Francisco.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco.

Sub-contracts Awarded
WAREHOUSE & OFFICE BLDG \$15,000
SAN FRANCISCO—NE 17th & Mission sts.
 One-story reinforced concrete warehouse and office bldg.
 Owner—Real Estate & Development Co., Hearst Bldg., S. F.
 Architect—None.
 Contractor—George Wagner, 181 South Park, S. F.
Roofing—Alta Roofing Co., 225 Gough st.
Electrical work—Hansen Elec Co., 920 Valencia st.
Plumbing and heating—Jas. H. Pinkerton, 927 Howard st.
Lumber—Pope & Talbot, Russ Bldg.
Steel sash—Michel & Pfeiffer, 10th and Harrison sts.

Plans To Be Prepared.
WAREHOUSE Cost, \$50,000
FRESNO, Fresno Co., Cal. H and Kern Streets.
 Three-story Class A office and warehouse building.
 Owner—Zellerbach Paper Co., 534 Battery St., San Francisco.
 Architect—Felchen, Shaw & Franklin, Patterson Bldg., Fresno.
 Building will replace plant recently destroyed by fire.

Plans To Be Prepared.
MFG. PLANT Cost, \$—
BERKELEY, Alameda Co., Cal. Parker St., Bet. 5th and 6th Sts.
 Fireproof manufacturing plant (height and type of construction not decided)
 Owner—Bunting Iron Works, 820 Parker St., Berkeley.
 Architect—To Be Selected.
 More definite information will be given in about ten days.

COLTON, San Bernardino Co., Cal.—The California Portland Cement Co. has authorized the expenditure of \$500,000 for improvements at the cement plant. The principal items will be replacement and installation of new kilns.

“Gold Medal” Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
 Lessor of Suspended and Swinging Safety “Gold Medal” Scaffolding.

Sub-Contracts Awarded.
FACTORY Cost, \$75,000
ALAMEDA, Alameda Co., Cal. Fourth St. and Pacific Ave.
 Three-story concrete factory building (pottery plant).
 Owner—N. Clark & Sons, Premises.
 Architect—Owner.
 Contractor—A. T. Spence, 641 Taylor Ave., Alameda.
Reinforcing Steel—Baldt-Falk & Co., 74 New Montgomery St., San Francisco.
Lumber—Loop Lumber & Mill Co., Broadway and Blanding Sts., Oakland.
Gravel and Sand—G. & M. Gravel Co., 354 Hobart St., Oakland.
Cement—Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco.
Sash and Glass—Detroit Steel Products Co., 417 Market St., San Jose.
Plumbing—A. R. Cranston, 2124 San Jose Ave., Alameda.
Column Forms—Deslouries Metal Products Co., 1766 11th St., Oakland.
Column Clamps—Soule Steel Co., Rialto Bldg., San Francisco.

Contracts Awarded.
FACTORY Cost, \$100,000
SAN FRANCISCO Equip. Approx. \$500,000 and Newhall Streets.
 One-story reinforced concrete can factory
 Owner—Pacific Can Co., E. F. Euphart, President, 290 Division St., San Francisco.
 Engineer and Mgr. of Constr.—L. H. Nishkian, Monadnock Bldg., San Francisco.
Grading—B. Rosenberg, 58 Merlin St., San Francisco.
Structural Steel—Central Iron Works, 2050 Bryant St., San Francisco.
 Bids on other portions of the work are in and will be awarded shortly. Construction is being resumed.

Contract Awarded.
WAREHOUSE Cost, \$30,000
HOLLISTER, Monterey Co., Cal.
 One-story steel frame warehouse.
 Owner—Coast Counties Gas & Electric Company.
 Architect—Roller-West Co., Crocker Bldg., San Francisco.
 Contractor—William Radke, Gilroy.

SAUSALITO, Marin Co., Cal.—K. Hovden Co., Ocean View and Davis Sts., Monterey, also operating a plant at San Diego, plans immediate construction of a sardine canning plant in Sausalito. The company has purchased a site at the foot of Napa Street, the deal having been closed by Robert Duke, attorney, 593 Market St., San Francisco. The company specializes in the packing of Portola and other brands of sardines. Property owners in the neighborhood of the plant will protest its construction, according to reports.

SAN FRANCISCO—The Best Foods, Inc., 1900 Bryant St., recently purchased property on the northwest corner of Eighteenth and Bryant Sts. and intend to improve the property at a later date.

Contract Awarded
FACTORY Cont. price \$14,665
SAN FRANCISCO, N Tehama st., W 4th street.
 Two-story reinforced concrete factory building.
 Owner—Riding & McKebber, 110 Sutter street.
 Architect—Geo. E. Ralph, 110 Sutter st.
 Contractor—Louis A. Hinson, 756 4th ave.

FLATS

Sub-bids Being Taken
FLATS Cost \$15,000
SAN FRANCISCO, S North Point St. W Broderick.
 Two-story frame and stucco flat bldg., 2 6-room flats.
 Owner and Builder—M. Jorgensen, 3729 Divisadero st.
 Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO, SW Wheat St. and Paul Ave.
 Two-story and basement frame (2) flats
 Owner—D. Pucci, 16 Ware St., San Francisco.
 Architect—Edw. J. O'Connor, 316 Woolsey St., San Francisco.
 Architect—D. De Lucchi, 625 Brussels St., San Francisco.

GARAGES

Plans Being Figured.
GARAGE Cost, \$20,000
OAKLAND, Alameda Co., Cal. Twenty-sixth Ave. and E-12th St.
 One-story steel frame and concrete garage building.
 Owner and Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
 Contractor—Wilbur C. Cone, Federal Realty Bldg., Oakland.
 Mr. Cone is the only contractor figuring the job.

PALO ALTO, Santa Clara Co., Cal.—Stephenson Construction Co., Hearst Bldg., San Francisco, at \$4484 awarded contract by city to erect automobile sheds in city hall yard. Peterson Sorenson, San Francisco, only other bidder at \$4978.

GOVERNMENT WORK AND SUPPLIES

Bids Close Jan. 19, 2 p. m.
POST OFFICE Cost \$—
SAN FRANCISCO, Ferry Post Office.
 Miscellaneous repairs and painting to post office bldg.
 Owner—U. S. Government.
 Architect—A. Newman, Ferry P. O., San Francisco.

CONTRA COSTA COUNTY, Cal.—J. P. Worthington, airway extension superintendent of the U. S. Department of Commerce, is having plans prepared for one of the largest and highest aerial beacons in the world with an output rated at 20,000,000 candle power.

WASHINGTON, D. C.—Until Jan. 29, 10:30 a. m., under Schedule No. 1851, bids will be rec. by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Laundry extracting machine, hydraulic elevator, metal desks, trucks, sewer pipe, cable, wire, bolts, nuts, and mills, glass, ladders, melting crucibles, steel cans, vacuum-tube tester, flashlights, electric switches, reflectors, rigid conduit, tarred felt roofing, gaskets, packing, paints and ingredients, putty, varnishes, linseed oil, furnace cement, asphalt cement, lime, floor wax, steel wool, emery cloth, sandpaper, and maple, poplar and redwood lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

ELLENSBURG, Wash.—Until 10 a. m. Feb. 10, bids will be rec. by Bureau of Reclamation, Ellensburg, to fur. labor and some materials to const. Kittitas Diversion dam, and earthwork, canal lining and tunnels for the Kittitas Main canal, station 0+00 to station 34+27.9, Kittitas Division, Yakima project, Washington, on the Northern Pacific and Chicago, Milwaukee & St. Paul Railroads.

The principal items and approx. quantities involved are: Diversion and care of river and underwatering foundations; 70,000 cu. yds. excavation of all classes; 1500 cu. yds. backfill; 900 cu. yds. puddling or tamping backfill; 500 lin. ft. drilling grout holes; 8400 cu. yds. concrete; 235,000 lbs. placing reinforcement bars; 310,000 lbs. structural steel, installing. Also other metal work. The government will fur. part of materials. Spec. No. 468 and other particulars may be obtained from the above, or from the Bureau of Reclamation, Denver, Colo., or Washington, D. C.

SAN FRANCISCO—The Renner Foundation Co., 628 Montgomery St., at \$2480 submitted low bid and were awarded contract by Consulting Quartermaster, Fort Mason, to repair three wharves, job complete, at Fort McDowell.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California st., San Francisco):

Sch. 8289, Mare Island, Puget Sound and Brooklyn, turbine cylinders, Jan. 17.
 Sch. 8291, f. o. b. works or Mare Island, 382 creosoted yellow pine poles and 382 do. Douglas fir, Jan. 17.
 Sch. 8295, Mare Island, 10 ship refrigerators; Puget Sound, 2 do, Jan. 17.
 Sch. 8296, Mare Island, 30,000 lbs. spun cakum, Jan. 17.
 Sch. 8303, Mare Island and Puget Sound, steel shapes, Jan. 17.
 Sch. 8304, Mare Island and Puget Sound, steel flats, Jan. 17.
 Sch. 8326, Mare Island, 134,000 lbs. manganese bronze, Jan. 24.

SAN FRANCISCO—All bids received by constructing quartermaster, Fort Mason, were rejected, to erect gasoline and oil storage plant at Crissy Field. Will be all-steel construction and will involve four steel tanks, 9x21 ft.; a pump house, two pumps and 2 motors. Following is the complete list of bidders:

Abel & Co., Balboa Bldg.	\$6078
E. G. Hart	6578
L. B. Armstrong Co.	6780
Eastman & Allen	6835
James Curry	7381
P. J. Enright	7990
Pacific Coast Boiler Works	8655

Plans are to be revised and new bids advertised for soon.

PACIFIC COAST—Director Hines of the U. S. Veterans' Bureau has recommended an expenditure of \$10,500,000 for construction at U. S. Veterans' Hospitals, which sum provides for a \$240,000 expenditure at Palo Alto, Calif., for additional facilities; \$250,000 for Walla Walla, Wash., for housing for 150 beds; American Lake, Wash., for additional housing to provide accommodations for 100 beds and \$260,000 for recreation building at Tucson, Ariz.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

PORTLAND, Ore.—Following is a complete list of contracts awarded by constructing Division, U. S. Veterans' Bureau, Washington, D. C., to erect Veterans' Hospital at Portland, Ore.:
General construction, N. P. Severin Co., 220 West Adams St., Chicago, \$895,155.

Plumbing, General Construction Co., Denver, Colo., \$98,131.

Heating, American Plumbing & Heating Co., 1931 Nicolet Ave., Minneapolis, Minn., \$139,653.

Elevators, Otis Elevator Co., Washington, D. C., \$27,339.

Electrical work, Pacific Electric Construction Co., 1498 Mission St., San Francisco, \$57,170.

Refrigeration, York Ice Machinery Co., 222 Arch St., Philadelphia, \$19,419.

PEARL HARBOR, T. H.—English Construction Co., 1311 H. St. N. W., Washington, and W. T. Gregory, 501 Law Bldg., Norfolk, Va., are prospective bidders to erect quarters, etc., at Pearl Harbor, T. H., under Spec. 5338, bids for which will be opened by bureau of yards and docks, Navy Department, Jan. 18.

PEARL HARBOR, T. H.—Following is a partial list of prospective bidders for Diesel Oil purification plant, to be erected at Pearl Harbor, T. H., bids for which will be opened by bureau of yards and docks, Navy Department, Washington, D. C., Feb. 23:

Pulaski Engineering Co., Pulaski, Va.
The Biggs Boiler Works, Akron, Ohio.
Aldrich Pump Co., Allentown, Pa.
Lancaster Iron Works, Lancaster, Pa.
General Electric Co., Schenectady, N. Y.
Reeves Bros. Co., Martin Bldg., Birmingham, Ala.

Pittsburgh-Des Moines Steel Co., 600 Professional Bldg., Pittsburgh, Pa.
Allen Pope, 4722 15th st., N. W., Washington, D. C.

HALLS AND SOCIETY BUILDINGS

Contract Awarded
CLUB BLDG. \$300,000
OAKLAND, Alameda Co., Cal., Bellevue ave. bet. Ellita and Staten sts.
Six-story reinforced concrete club building.

Owner—Women's Athletic Club, Great Western Power Bldg., Oakland.
Architect—Roeth & Bangs, 1404 Franklin st., Oakland.

Contractor—William C. Keating, Central Bank Bldg., Oakland.
Elevators—Spencer Elevator Co., 166 7th st., S. F.

Sub-bids are in and will be awarded soon.

NEWMAN, Stanislaus Co., Cal.—Architects Kump & Johnson, Rowell Bldg., Fresno, are preparing plans for a reinforced concrete store and lodge building to be erected at Newman for the I. O. O. F. Lodge.

Plans Being Completed.
CLUB BLDG. Cost, \$125,000
SAN FRANCISCO. Broderick and Baker Streets, 200x300 feet.

Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).
Architect—Willis Polk Co., 277 Pine St., San Francisco.

Bids will be taken in two weeks. As previously reported pile driving awarded to Renner Foundation Co., 628 Montgomery St., San Francisco.

Officials of the Club include: Commodore, J. M. Punnett; vice-commodore and chairman of Board of Directors, Hiram W. Johnson Jr.; rear-commodore, Hart L. Weaver and H. W. A. Dinning, Leon de Fremery, Jerome B. White, Leon B. Walker, Wilfred Page and Austin Moore as members of the directorate.

LOS ANGELES, Cal.—The Southern California Athletic and Country Club is completing its membership campaign and expects to start work in 90 days on the erection of the 13-story class A club building to be built on Wilshire blvd. between Coronado and Carondelet sts. Plans for the building were prepared by Meyer & Holler, Wright & Callender Bldg., who also have the contract at \$2,894,000 to erect the building.

Concrete Form Clamp Contract Awarded
CLUB BLDG. Cost, Approx. \$213,000
OAKLAND, Alameda Co., Cal. Alice St., near Fourteenth St.

Seven-story steel frame and brick club building (auditorium, gymnasium, dining rooms and library).

Owner—Women's Club.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Contractor—W. C. Keating, Central Bk. Bldg., Oakland.

Concrete Form Clamps—W. J. Burke Co., 200 Davis St., San Francisco.

Other awards made were previously reported.

MARYSVILLE, Yuba Co., Cal.—Yuba-Sutter Golf & Country Club are considering preliminary plans for a new clubhouse. It is proposed to have the structure ready for occupancy in April.

TURLOCK, Stanislaus Co., Cal.—I. O. O. F. Building Association has been organized with A. P. Ferguson, president. The purpose of the association is to finance erection of a two-story fireproof lodge building in South Broadway at a cost of \$20,000. An architect is yet to be selected.

SALINAS, Monterey Co., Cal.—Salinas Post, American Legion, has appointed committee to secure preliminary plans and estimates for a new club building. Committee consists of B. E. Ludholm, W. J. B. Terrill, Clarence Fregula, Claude Wilson and Joe Gordon with Commander Leo Andrus and Adjutant Robert A. Merrill as ex-officio members.

HOSPITALS

Contract Awarded.
HOSPITAL Cost, \$50,000
FAIR OAKS, Sacramento Co., Cal. Sonora and Main Sts.

Three-story steel frame and concrete Class A hospital building (30 rooms).
Owner—Fair Oaks Hospital (Miss K. Hansen in charge).

Architect—David Salfeld, 250 E-Mari-
posa Ave., Stockton.
Contractor—Frank M. Liscom, 327 N-Park St., Stockton.

Sub-bids are in and will be awarded soon. Construction will start next week.

Preliminary Estimates Being Taken.
HOSPITAL Cost, \$250,000
OAKLAND, Alameda Co., Cal. E-Fourteenth St. and Twenty-seventh Avenue.

Four-story concrete hospital building (to be known as East Oakland Hospital).
Owner—Hospital Building Corporation.
Architect—W. H. Weeks, Hunter Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.

Lessee—Dr. O. E. Kuhn et al.
Hospital building corporation is composed by Leo J. Lesser, president; Foster W. Weeks, vice-president; M. E. Gibson, secretary; Ross Thompson, treasurer, serving with Alex Friedman as directors.

MARTINEZ, Contra Costa Co., Cal.—Chamber of Commerce and local physicians propose to organize company to finance erection of privately owned hospital following the refusal of the county supervisors to accept "pay patients" at the county hospital. Mrs. Marion Skiolvig is secretary of the chamber.

PORTLAND, Ore.—See "Government Work and Supplies," this issue. Contract awarded for U. S. Veterans' Hospital.

Sub-bids Wanted

HOSPITAL Cost \$50,000
PALO ALTO, Santa Clara Co.

Two-story frame and stucco convalescent home, 20 rooms.

Owner—Stanford Convalescent Home (Timothy Hopkins) McLaughlin Unit Campus, Palo Alto.

Architect—Bakewell & Brown, 251 Kearny st., S. F.

Contractor—George Wagner, 181 South Park, S. F.

Concrete—Peninsula Bldg. Material Co., Menlo Park.

Plumbing and heating—J. H. Pinkerton, 927 Howard st., S. F.

Electric work—H. S. Tittle, 85 Columbia Square, S. F.

Bids are wanted for mill work, tile, tile roofing, glazing and kitchen equipment.

Plans Being Prepared
HOSPITAL Cost \$367,000
RICHMOND, Contra Costa Co.

Four-story class A steel frame and concrete hospital bldg. (120 beds.)

Owner—Hospital Richmond, Inc. (L. F. Bollinger, J. P. Cahape, J. M. Kurt-nys, E. Elder and J. Elder.)

Architect—E. W. Cannon, 1924 Broadway, Oakland.

Specifications as follows: Concrete foundations, steel frame, reinforced concrete floor slabs, brick exterior walls, terra cotta trim. Wood window frames and sash. Steel door frames. Wood interior doors, Kaleimeinon exterior doors and doors to stairs and boiler room. Hollow tile partitions, metal lath furring on all exterior walls and ceilings. Steam heat, boiler plant (high pressure), tile and linoleum floors on concrete. Painting and stifted walls and ceilings. Hardwood finish in entrance lobby, waiting room and administration offices. Complete laundry. Complete kitchen. Two elevators (electric), two dumb waiters (electric), 20-year roof on four story portion, 20-year membrane and cement finish on three-story portion. Waterproof membrane in basement and first floor terrace floors. Tile walls in operating rooms, utility rooms, diet kitchens, toilets, baths, etc. Tile border and base in corridors. Water softener. Ventilating system for basement. Special plumbing fixtures. Brass pipe and genuine W. I. pipe.

YOSEMITE VALLEY, Mariposa Co., Cal.—All bids received by the National Park Service, Underwood Bldg., San Francisco, for the construction of a two-story and basement frame and stucco hospital building to contain operating room, X-ray room, diet kitchen, etc., ran too high. It was to be erected in Yosemite Valley near the Indian Village for the U. S. Government from plans prepared by John B. Wosky, Interior Department, National Park Service, Underwood Bldg., San Francisco.

A larger appropriation is to be asked for, and if granted, building will probably go ahead in three or four months. Following are the bids submitted:

J. F. Shepherd, Stockton (1) \$44,530; (2) \$42,781; (3) \$41,312; (4) \$40,598; (5) \$39,931; (6) \$39,301.

Stephenson Constr. Co., San Francisco (1) \$45,687; (2) \$43,715; (3) \$41,743; (4) \$41,448; (5) \$40,973; (6) \$40,151.

Koepke Bros., Oakland (1) \$55,178; (2) \$53,597; (3) \$52,016; (4) \$50,726; (5) \$49,436; (6) \$48,745.

OROVILLE, Butte Co., Cal.—County supervisors will order plans prepared at once for additional quarters for maternity wards for county hospital increasing capacity from 12 to 30 beds. J. F. McDonald is county hospital superintendent and C. F. Beiding, county clerk.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

HOTELS

Tile Contract Awarded. Cost, \$2,000,000
HOTEL. SAN FRANCISCO. SE Sutter and Powell Streets.

Twenty-three-story Class A hotel building. Owner—Sutter-Powell Realty Co., Leo Huckins, Financial Center Building, Manager.

Architect—Weeks & Day, Financial Center Bldg., San Francisco.
Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

Tile Work—Malott & Peterson, 3221 20th St., San Francisco.

As previously reported, mechanical work awarded to Latourette-Fical Co., 907-917 Front St., Sacramento; wiring to H. S. Tittle, 85 Columbia Sq., S. F.; plastering to Peter Bradley, 639 Brannan St., S. F.; elevators to Spencer Elevator Co., 166 7th St., S. F.; grading to Granfield, Farrar & Carlin, 67 Hoff St., S. F.; structural steel to Pacific Rolling Mills, 1200 17th St., S. F., and U. S. Steel Corp., Russ Bldg., S. F.

Sub-bids Wanted
HOTEL. Cost \$—
SAN FRANCISCO. W Jones st., S Eddy. Seven-story steel frame class A hotel; building, cement exterior, steel joists, 90 rooms, baths and showers.
Owner and Builder—John Dempiak, 1214 Jackson st.

Architect—H. C. Baumann, 251 Kearny. Engineer—A. Smith, 251 Kearny st.

Sub-bids are being taken on all parts of the work excepting carpentry which is being done by owner. Bids are to be opened Jan. 14.

Plans Being Completed
HOTEL. Cost \$100,000
VALLEJO. Solano Co., Cal., Sonoma and Capitol sts.

Two-story class A hotel building (60 rooms, lobby, 50x70 feet, dining room, etc.; Spanish type.

Owner — La Casa De Vallejo (Harry Hendley and Isadore Meyers).

Architect—Slocum & Tuttle, 337 17th st., Oakland.

Bids will be taken for a general contract in ten days.

SALINAS, Monterey Co., Cal.—Architects Kump & Johnson, Rowell Bldg., Fresno, are completing plans for Class A addition to Hotel Jeffery at Salinas; estimated cost \$100,000. Bids will be asked shortly.

Brick Contract Awarded—Building Permit Applied For.

HOTEL. Cost, \$800,000
SAN FRANCISCO. S Turk St. near Leavenworth St.

Twelve-story Class A hotel building (1500 rooms).

Owner—San Francisco Y. M. C. A.
Architect—Frederick H. Meyer, 742 Market St., San Francisco.

Contractor—K. E. Parker, 185 South Park San Francisco.

Brick Work—Emil Hogberg, 249 Edgewood St., San Francisco.

As previously reported, plastering awarded to Peter Bradley, 639 Brannan St., S. F.; tile work to Art Tile & Mantel Co., 221 Oak St., S. F.; ornamental iron to Folsom Street Iron Works, 17th and Missouri Sts., S. F.; structural steel to Judson Mfg. Co., 604 Mission St., San Francisco.

Structure will have steel frame, reinforced concrete walls, exterior of pressed brick and terra cotta. The first unit to be erected will contain 400 rooms, the cost to be around \$300,000.

Sub-Contracts Awarded. Cost, \$2,000,000
HOTEL. SAN FRANCISCO. SE Sutter and Powell Streets.

Twenty-three-story Class A hotel building. Owner—Sutter-Powell Realty Co., Leo Huckins, Financial Center Bldg., Manager.

Architect—Weeks & Day, Financial Center Bldg., San Francisco.

Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

Mechanical Work—Latourette-Fical Co., 907-917 Front St., Sacramento.

Wiring—H. S. Tittle, 85 Columbia Sq., San Francisco.

As previously reported, plastering awarded to Peter Bradley, 639 Brannan St., S. F.; elevators to Spencer Elevator Co., 166 7th St., S. F.; grading to Granfield, Farrar & Carlin, 67 Hoff St., S. F.

structural steel to Pacific Rolling Mills, 1200 17th St., S. F., and U. S. Steel Corp., Russ Bldg., S. F. The glass contract was previously reported as being awarded to Fuller & Goepf which was in error.

POWER PLANTS

OAKLAND, Alameda Co., Cal.—The following bids were received by county to fur. and install motors for ventilation equipment for Oakland and Alameda Ventilation Buildings of the Estuary Subway:

Ventilating System

Alt. 1, complete with worm gear drive.
Alt. 2, complete with silent chain drive.
Alt. 3, completed with texpore drive.

B. F. Sturtevant Co., Monadnock Bldg., San Francisco, Alt. 1, \$86,669; 2, \$69,337; 3, \$71,493.

Buffalo Forge Co., 544 Market st., S. F., 1, \$135,203; 2, \$112,373; 3, \$113,193.

Motors for Ventilating Fans

Wagner Electric Corp., 457 9th st., San Francisco, \$13,086.28.

Lincoln Elce Co., S. F., \$14,172.

General Electric Co., S. F., \$16,925.

U. S. Electric Mfg. Co., S. F., \$17,056.

Bids taken under advisement.

GLENDALE, Los Angeles Co., Cal.—Until 10 a. m., Jan. 31, bids will be rec. by the city clerk of Glendale for the erection of a class A sub-station for the municipal public service department. The building will be two stories and basement, 50x125 ft., reinforced concrete construction, work to include tunnels and conduit lines. Bids are being taken for all work complete in one contract. Plans and spec. may be obtained at the office of the public service department, 115 N Howard st., Glendale.

FALLON, Nevada—Low bids received by Truckee-Carson Irrigation District, Fallon, to construct power transmission lines in three districts were: (1) F. L. Mason, Fallon, at \$32,596, for 33 miles of phase 2300-volt line; (2) I. H. Kent Co., Fallon, at \$25,176 for constructing 5½ miles of 3 phase, 11,900-6900 volt and about 16 miles of single phase, 6900-volt line; (3) to Bauman & Kinn, Fallon, at \$17,303, for constructing 16 miles of single phase, 6900-volt line. Bids have been taken under advisement by D. S. Stuver, project manager.

VISALIA, Tulare Co., Cal.—Southern California Edison Co., Los Angeles, will expend \$324,000 in extensions and reinforcements to electric distributing systems in Tulare district.

OAKLAND, Alameda Co., Cal.—Until Feb. 6, 10 a. m., (postponed from Jan. 22) bids will be received by Geo. E. Gross, county clerk, to fur. motor control equipment for ventilating fans in Oakland and Alameda Ventilation Buildings of Estuary Subway. Cert. check 10 per cent payable to clerk req. with bid. Plans obtainable from Geo. A. Posey, county surveyor, on deposit of \$25, returnable.

LOS ANGELES, Cal.—E. F. Scattergood, general manager, announces that the municipal bureau of power and light will shortly commence actual construction of a distributing station at Lincoln blvd. and Broadway, Venice. It will be reinforced concrete construction with stucco exterior. The building will cost \$70,000 and equipment about \$150,000.

SANTA BARBARA, Cal.—Southern California Edison Co., Los Angeles, will expend \$251,000 to extend and reinforce electric distributing system in Santa Barbara district.

PRATT'S CONCRETE MIX

by Clarence
Sand Pratt



PETALUMA STARTS SHIPMENT OF CHICKS

PETALUMA, Jan. 7.—The shipping of baby chicks from Petaluma has started and the coming season promises to break all records, according to hatcherymen. During the present week more than 50,000 day-old chicks were shipped by express to points in California.

PERHAPS YOU.

ARE NOT aware.

BUT THE Pratt Building Material Co.

PRODUCE "CHICKEN grit."

EVERY FOWL in the world.

REQUIRES SMALL gravel.

OR CLEAN, sharp sand.

TO GRIND its food.

WHEN BABY chicks are hatched.

FROM THE eggs.

THERE IS no gravel.

OR SAND.

IN THEIR gizzards.

OR FOOD grinding cavity.

SO CLARENCE (Sandy) Pratt, President.

OF THE Pratt Building Material Co.

PRODUCER OF clean, sharp sand.

AND CLEAN, sharp gravel.

AT SACRAMENTO, Marysville.

PRATTROCK (near Folsom).

MAYHEW (SACRAMENTO County).

AND PRATTCO (Monterey County).

CENTRAL OFFICE—San Francisco.

SELLS SAND and gravel.

DIRECT TO poultry farmers.

AND DEALERS.

SO THE chickens and turkeys.

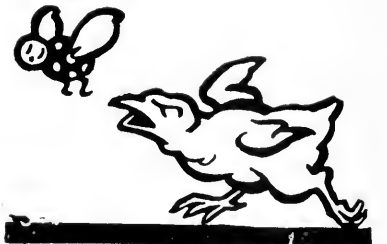
BOTH YOUNG and old.

CAN HAVE nice, clean sand.

AND NICE, clean gravel.

TO DIGEST their food.

"I THANK you."



The early bird not only gets the worm, but the bug or fly. Sandy Pratt's concern, the Pratt Building Material Company, is the "early bird" in the sand, rock and gravel business and is ready to supply chickens, canaries, parrots, turkeys, ducks and geese and mud hens with "grinding machines."

WASHINGTON, D. C.—Pacific Gas & Electric Co., 245 Market st., San Francisco, files application with Federal Power Comm. for rights to filings originally made through the Feather River Power Co. and acquired by the Western States Gas & Electric Co. The P. G. & E. plans to const. eight power plants on the Middle and South Forks of the Feather river sometime within the next three years. The project is designed to develop 360,000 hp. and to cost approx. \$45,000,000.

GRIDLEY, Butte Co., Cal.—J. L. Hall, 1022 Mills Bldg., San Francisco, awarded contract by city to fur. Western Red cedar poles, 40-ft., 8-in. top, AA treated, \$13.40 ea; B treated, \$14.20; 3/4 penetration treated, \$14.55; 35-ft. poles, AA, \$11.62; B treated, \$12.25; 3/4 penetration, \$12.50. Other bids were:

Neldenmeyer-Martin Lumber Co., Portland, Ore., 35-ft., AA, \$10.33; B treated, \$11.46; 3/4 penetration, \$11.73; 40-ft. AA, \$12.80 B, \$14.24; 3/4 penetration, \$14.59.
Naugle Pole & Tie Co., Spokane, Wash., 35-ft., B treated, \$14.40; 3/4 penetration, \$14.90; 40-ft. B, \$15.85; 3/4 penetration, \$16.40.

W. H. Lewis, Denver, Colo., 35-ft. B treated, \$14.80; 3/4 penetration, \$15.36; 40-ft. B treated, \$16.20; 3/4 penetration, \$16.75.

Forbes Supply Co., San Francisco, 40-ft. B treated, \$14.80; 3/4 penetration, \$15.15; 1/2 treatment, \$15.30; 35-ft. B treated, \$12.40; 3/4 penetration, \$12.70; 1/2 penetration, \$12.80.

Bid of Texas Creosoting Co. was not considered due to the fact that the company did not bid on Western Red cedar poles.

LOS ANGELES, Cal.—Superior Judge Clair S. Tappan has upheld the right of the City of Los Angeles to spend money appropriated from its power and light revenues during the present year to construct a steam stand-by plant on the harbor. However, the court ruled that approximately \$1,400,000 which the power and light department had appropriated to its \$5,000,000 construction program should be properly regarded as bond money rather than revenue money. The \$1,400,000 could not be spent legally for the building of the plant, the court ruled. Officials of the bureau state that the ruling on this item would not seriously effect the bureau's construction program. The amount budgeted this year for construction of the steam plant is \$3,230,000.

PUBLIC BUILDINGS

Sub-Contracts Awarded. COURTHOUSE ANNEX

UKIAH, Mendocino Co., Cal. Cost. Price, \$105,000
Two-story and basement steel frame and concrete courthouse annex.

Owner—County of Mendocino.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

Contractor—E. T. Leiter & Son, 3601 West St., Oakland.

Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Steel Sash—U. S. Metal Products Co., 330 10th St., San Francisco.

As previously reported, structural steel awarded to Judson Mfg. Co., Foot of Parker Ave., Oakland.

Sub-bids on other parts of the work are now being taken.

LOS ANGELES, Cal.—Until Feb. 2, 10 a. m., bids will be received by the Regents of the University of California, 855 North Vermont ave., Los Angeles, for general construction of Chemistry building and Physics building on the Westwood Campus at the University of California at Los Angeles. Allison & Allison, architects, Hibernian Bldg., Los Angeles. Geo. W. Kelham, supervising architect, 315 Montgomery st., San Francisco. Will be three-story reinforced concrete with high basement. See call for bids under official proposal section in this issue.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Jan. 23, 7:30 P. M., bids will be received by Daniel McSweeney, city clerk, to erect fire house. Cert. check 10% payable to city req. with bid. Plans on file in office of Clerk.

PORTERVILLE, Tulare Co., Cal.—City plans bond issue to secure funds to purchase site and erection of municipal buildings for a civic center. It is proposed to purchase the block bounded by Cleveland, Main, Thurman and Hockett Streets.

OAKLAND, Cal.—Until Feb. 7, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect addition to industrial shop building at the Industrial Home for Adult Blind, Oakland. Present building is one-story brick with interior frame construction and composition roof. New work consists of addition of 2nd story of frame and stucco construction and tile roof and alterations to existing work. Plumbing, heating and electric work included. Est. cost, \$15,000. Geo. B. McDougall, State Architect. Deposit of \$25 req. for plans obtainable from architect. See call for bids under official proposal section in this issue.

RESIDENCES

Contract Awarded
RESIDENCE Cost \$65,000
SAN FRANCISCO, N Broadway bet. Lyon and Baker sts.

Three-story and basement frame and stucco residence.

Owner—Mrs. Daniel Volkmann, 1756 Broadway.

Architect—Bakewell & Brown, 251 Kearny st.

Contractor—Chas. Stockholm, Hearst Bldg.

Building permit applied for.

Plans Completed.
RESIDENCE Cost, \$15,000
OAKLAND, Alameda Co., Cal. Ocean View Drive, Rockridge District.

Two-story frame and stucco residence with tile roof (9 rooms and garage).

Owner—Withheld.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans are now in the hands of the owner and as soon as approved bids will be called for.

Completing Working Drawings
RESIDENCE Cost \$11,500
PIEDMONT, Alameda Co., Cal.

Two-story seven-room frame and stucco residence (English type).

Owner—Carlisle Crosby, General Bank Bldg., Oakland.

Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Plans will be ready for bids in two weeks.

Contractors Taking Sub-figures
RESIDENCE Cost \$20,000
BERKELEY, Alameda Co., Arlington and San Diego road.

Two-story frame and stucco residence, 8 rooms and 3 baths; Mediterranean type.

Owner—W. Wight

Architect—Edwin L. Snyder, 2108 Addison st., Berkeley.

Contractor—Beckett & Wight, 2457 Webster st., Oakland.

Plans Being Completed.
RESIDENCE Cost, \$6000
HAYWARD, Alameda Co., Cal.
One-story 6-room frame and stucco residence.

Owner—Withheld.

Architect—Hutchinson & Mills, 1214 Webster St., Oakland.

Plans will be ready for bids in two weeks.

Structural Steel Contract Awarded
RESIDENCE Cost \$150,000
SAN FRANCISCO, Washington st. near Laurel st.

Two-story, basement and attic residence, class A construction, 13 rooms.

Owner—Timothy Hopkins.

Architect—Arthur Brown Jr., 251 Kearny st., S. F.

Contractor—George Wagner, 181 South Park, San Francisco.

Structural steel—Pacific Rolling Mills Co., 1200 17th st.

Wrecking—Symon Bros., 1435 Market st

Wrecking is now being done.

Contracts Awarded
RESIDENCE Cont. price \$7176
OAKLAND, Alameda Co., Cal., Montclair District.

Two-story frame and stucco residence (8 rooms and 2 baths).

Owner—Robert Carmack, 1327 Walnut st., Oakland.

Architect—James McCreery, Berkeley Bank Bldg., Berkeley.

Contractor—Rowland & Rowland, 1812 Blake st., Berkeley.

Other bidders were:

E. H. Adams, Oakland\$7260

J. Malmstrom, Oakland 7646

A. Cedarborg, Oakland 7690

N. Pearson, Oakland 8079

Completing Plans
RESIDENCE Cost \$15,000
BURLINGAME, San Mateo Co.

Two-story frame and stucco residence, 7 rooms, Spanish type.

Owner and Builder—Helbing Co., 916 Van Ness ave., S. F.

Architect—D. C. Coleman, 110 Sutter st., S. F.

Sub-bids will be taken in one week.

BAKERSFIELD, Kern Co., Cal.—Press Paynter, Bakersfield, at \$3560 awarded contract by county supervisors to erect caretaker's cottage at Kern County Airport.

Sub-contracts Awarded
RESIDENCE Cost approx. \$60,000
SARATOGA, Santa Clara Co., Cal.

Two-story frame and stucco residence.

Owner—Charles G. Norris, Saratoga.

Architect—Birge M. Clark, 310 University ave., Palo Alto.

Contractor—Wells P. Goodenough, 310 University ave., Palo Alto.

Mill work—Dudfield Lumber Co., Channing and High st., Palo Alto.

Plumbing—Cashel Bros., 200 Homer st., Palo Alto.

Heating—H. C. Lauer, 350 California st., Palo Alto.

Sheet metal—Palo Alto Sheet Metal Wks., 521 Ramona st., Palo Alto.

Ornamental iron—H. Bleibler, 701 High st., Palo Alto.

Wiring—Ed Burkhart, 444 Emerson st., Palo Alto.

Ornamental tile—C. L. Frost, Palo Alto.

Tile roof—N. Clark & Son, 116 Natoma st., S. F.

Reinforcing steel—Truscon Steel Co. Sharon Bldg., S. F.

Brick and hollow tile—George Barton, 4328 Balboa st., S. F.

Glass—Cobbedlick Kibbe Glass Co., 666 Howard st., S. F.

Screens—Disappearing Screen & Shade Co., 77 O'Farrell st., S. F.

Stone—McGilvray-Raymond Granite Co., 634 Townsend st., S. F.

Lumber—Gray Thorning Lumber Co., Redwood City.

Painting—Fred Sinz, Mountain View.

Plastering—Frank Russell, 25 12th st., San Mateo.

SAN LUIS OBISPO, Cal.—Until Jan. 15, 10 A. M., bids will be received by L. H. Gibson, district engineer, State Highway Commission, Bank of Italy Bldg., San Luis Obispo, to erect maintenance foreman's cottage at Shandon Maintenance Yard. Cert. check 10% payable to Director of Public Works req. with bid. Plans obtainable from Dist. Engineer at San Luis Obispo.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Plans Complete
RESIDENCE Cost \$20,000
WOODSIDE, San Mateo Co.
Two-story frame and stucco residence.
Owner & Builder—S. A. Born Bldg. Co.,
929 Rosewood dr., San Mateo.
Plans by owner.

Plans Being Prepared
RESIDENCE Cost \$15,000
PHELE BEACH, Monterey Co.
Two-story frame and stucco residence.
Owner & Builder—S. A. Born Bldg. Co.,
929 Rosewood dr., San Mateo.
Plans by owners.

Plans Being Prepared.
RESIDENCE Cost, \$20,000
SAN FRANCISCO. NE Pacific Ave. and
Lyon St.
Two-story nine-room frame and stucco
residence.
Owner—George Boardman.
Tower, Oakland.
Architect—Frederick H. Reimers, Tribune
Plans will be ready for bids in 40 days.

Preparing Working Drawings.
HOME Cost, \$40,000
OAKLAND, Alameda Co., Cal. Clare-
mont Pines.
Two-story brick model home (7 rooms;
5 baths; 3-car garage).
Owner—The Oakland Tribune.
Architect—Frederick H. Reimers, Tribune
Tower, Oakland.

Plans Being Figured
ADDITION Cost \$1500
OAKLAND, Alameda Co., 800 Barbara
road.
Alterations to present 2-story resident,
add two bedrooms, etc.
Owner—Mrs. D. Cromwell.
Architect—Guy L. Brown, American Bk.
Bldg., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, \$34,690
SAN FRANCISCO. No. 9 Presidio Ter-
race.
Two-story frame and stucco residence.
Owner—Wm. H. Lowe, 475 Brannan St.,
San Francisco.
Architect—Albert Farr and J. Francis
Ward, 68 Post St., San Francisco.
Contractor—Matlock & Feasey, 210 Clara
St., San Francisco.
Lumber—San Francisco Lumber Co., Foot
of Mason St., San Francisco.
Electrical Work—Collonan Elec. & Mfg.
Co., 3211 Mission St., San Francisco.
Plumbing—E. Sugarman, 3624 Geary St.,
San Francisco.
Mill Work—S. H. Chase Lumber Co., 547
W-Santa Clara St., San Jose.

Contractors Taking Sub-figures
RESIDENCE Cost \$30,000
BERKELEY, Alameda Co., Arlington
Heights.
Two-story frame and stucco residence,
11 rooms, 4 baths.
Owner—Miss Helen Carrier.
Architect—Edwin L. Snyder, 2108 Addi-
son st., Berkeley.
Contractor—Beckett & Wight, 2457 Web-
ster st., Oakland.

Permit Applied For
RESIDENCE Cost \$12,000
OAKLAND, 927 Larkspur rd.
Two-story frame and stucco residence,
10 rooms.
Owner—A. R. Lapham, 874 Trestle Glenn
rd., Oakland.
Architect—None.

Permit Applied For.
RESIDENCE Cost \$15,000
SAN FRANCISCO, SE Brazil and Lincoln
Sts.
Two-story and basement frame residence
Owner and Builder—A. De Benedetti, 22
Cotter St., San Francisco.
Architect—None.

Plans Being Prepared
RESIDENCE Cost \$35,000
SAN MATEO, San Mateo Co., Irwin Tr.
Two-story and basement residence, Span-
ish type.
Owner and Builder—S. A. Born Bldg. Co.,
929 Rosewood dr., San Mateo.
Plans by owner.

RESIDENCE Cost, \$50,000
SANTA CRUZ, Santa Cruz Co., Cal.
Two-story frame and stucco residence
with tile roof and keeper's cottage.
Owner—T. S. Montgomery, 40 W-San
Antonio St., San Jose.
Architect—Weeks & Day Financial Cen-
ter Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost \$10,000 each
SAN FRANCISCO, E Aptos 60.49, 110.49
and 162.49 S Darien way; three 2-
story and basement frame residences.
Owner—E. C. and O. M. Hueter, Flat-
iron Bldg.
Architect—H. G. Stoner, 810 Ulloa st.
Contractor—Walter C. Zwieg, 450 Upland
drive.

Contract Awarded
RESIDENCE Cost \$14,000
BERKELEY, Cal., 152 Fairlawn ave.
One-story frame and stucco residence, 8
rooms.
Owner—Lillian H. Abbott, 319 Richfield
Oil Bldg., Oakland.
Architect and Contractor—Oliver W.
Thornton, 319 Richfield Oil Bldg.,
Oakland.

Plans Being Prepared
RESIDENCE Cost \$15,000
BERKELEY, Alameda Co., Santa Bar-
bara rd.
Two-story frame and stucco residence,
7 rooms and 2 baths.
Owner and Builder—E. M. Brown.
Architect—Edwin L. Snyder, 2108 Addi-
son st., Berkeley.
Sub-bids will be taken in about two
weeks.

Plans Being Prepared
RESIDENCE Cost \$10,000
BERKELEY, Alameda Co., North Crag-
mont Dist.
One-story frame and stucco residence,
English type, 6 rooms.
Owner—F. C. Pratt.
Architect—Edwin L. Snyder, 2108 Addi-
son st., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. Clinton
Avenue.
Two-story frame and stucco residence (8
room and 2 baths).
Owner—J. Delaney, Alameda.
Architect—W. E. Schirmer, Thayer Bldg.,
Oakland.
Plans will be ready for bids in three
weeks.

SCHOOLS

OAKLAND, Alameda Co., Cal.—Di-
villo & Basso, 1052 56th St., at \$2400
awarded contract by John W. Edgemond,
Secty., Board of Education, to erect re-
taining wall at Maxwell School at the
northwest corner of Fleming and Montic-
ello Aves.

OAKLAND, Alameda Co., Cal.—Manuel
Smith, 3321 Randolph St., Oakland, at
\$4500 awarded contract by John W.
Edgemond, Secty., Board of Education,
to erect retaining wall and steps at Se-
quoia School in Lincoln Ave., bet. Hearst
and Scenic Aves.

Preparing Working Drawings
ADDITION Cost \$50,000
STOCKTON, San Joaquin Co., Cal.
Three-story brick classroom addition to
present high school building (16
rooms and cafeteria).
Owner—Stockton Union High School Dis-
trict.
Architect—Peter Sala, 2130 N-Commerce
st., Stockton.
Plans will be completed in about two
weeks.

OAKLAND, Cal.—Until Jan. 24, 10:45
A. M., bids will be received by John W.
Edgemond, Secty., Board of Education,
211 City Hall, to erect Oakland High
School Gymnasium at the southwest
corner of Hopkins St. and Park Blvd.
Will be reinforced concrete construction,
estimated cost, \$100,000. Cert. check 10%
payable to Board of Education req. with
bid. Plans obtainable from Supt. of
Bldgs., 337 17th St., Oakland. See call
for bids under official proposal section in
this issue.

OAKLAND, Cal.—Until Jan. 24, 10:45
A. M., bids will be received by John W.
Edgemond, Secty., Board of Education,
211 City Hall, to erect Oakland High
School shop building at southwest cor-
ner of Hopkins St. and Park Blvd. Will
be reinforced concrete construction one
story in height; estimated cost, \$60,000.
Cert. check 10% payable to Board of
Education req. with bid. Plans obtain-
able from Supt. of Bldgs., 337 17th St.,
Oakland. See call for bids under of-
ficial proposal section in this issue.

OAKLAND, Alameda Co., Cal.—The
following bids were received by John
W. Edgemond, secty., board of educa-
tion, to erect retaining wall and steps
at Sequoia school in Lincoln ave. bet.
Hearst and Scenic aves:
Manuel Smith, 3321 Randolph st.,
Oakland \$4500
Divillo & Basso, Oakland 6700
George Swanstrom, Oakland 7456
Triberti & Masaro, Oakland 7470
Lawton & Vezey, S. F. 7946
Lee, J. Immel, Oakland 7978
J. A. Fitzmaurice, Oakland 8900
Schnoor Bros., Oakland 10,609
Contract to be awarded Jan. 10.

SOLEDAD, Monterey Co., Cal.—T. B.
Goodwin, 2950 Divisadero St., San Fran-
cisco, at \$73,563 was awarded the con-
tract by Anita Head, Clerk, Soledad
Union Grammar School District, to erect
new grammar school. All bids received
for heating system were rejected. Plans
prepared by Architect H. B. Douglas,
San Luis Obispo.

ISLETON, Sacramento Co., Cal.—J. F.
Watson, Lodi, at \$13,325 awarded con-
tract by Isleton Union Grammar School
District to erect one-story frame and
stucco 4-classroom migratory school.
Frederick S. Harrison, architect, Peoples
Bank Bldg., Sacramento.

Painters & Decorators

INTERIOR AND EXTERIOR PAINTING
IN ALL ITS BRANCHES

DAMP-PROOFING AND COMMERCIAL

SPRAY PAINTING

FLOOR HARDENING

R. J. McDONALD

San Francisco

470 Treat Avenue

Hemlock 2784

SUNNYVALE, Santa Clara Co., Cal.—C. F. Kessling, 738 Coe St., San Jose, at \$1897 awarded contract by Sunnyvale School District to erect manual training room addition to present school. Wolfe & Higgins, architects, San Jose.

DELANO, Kern Co., Cal.—Architect Geo. Sellon, Sacramento, has prepared preliminary plans for a new school building to be erected at Delano, Kern county. A special election will be held Feb. 15 to vote bonds in the sum of \$75,000.

Sub-Bids Being Taken.
SCHOOL Cost, \$150,000
SAN FRANCISCO, SW Twenty-fourth and Guerrero Streets.
Two-story and basement reinforced concrete school and gymnasium building
Owner—Sisters of The Dominican Order.
Architect—A. I. Coffey, 1126 Phelan Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Grading—B. Rosenberg, 58 Merlin St., San Francisco.

TRACY, San Joaquin Co., Cal.—William Cohrs, Tracy, at \$5812 was awarded the contract by T. O. Young, clerk, Tracy School District, to erect 2-room frame school at West Park School grounds. W. H. Weeks, architect, Hunter Dulin Bldg., San Francisco. Following is a complete list of the bids.
William Cohrs, Alt. 1, \$5662; 2, \$350; 3, \$162; 4, \$500.
L. Lubels, 1, \$6030; 2, \$325; 3, \$130; 4, \$575.
Samuel Eyre, Tracy, 1, \$6130; 2, \$347; 3, \$447; 4, \$63.
Carl Nelson, Tracy, 1, \$6176; 2, \$437; 3, \$72; 4, \$567.
W. R. Meyers, 1, \$6998; 2, \$425; 3, \$100; 4, \$297.
Frank Ayre, Mt. View, 1, \$7200; 2, \$437; 3, \$116; 4, \$538.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., board of education, to erect retaining wall at Maxwell school at n. w. corner of Fleming and Monticello aves:
Divillo & Basso, Oakland\$2400
M. Smith, Oakland 2700
Lee J. Immel, Oakland 2430
Lawton & Vezey, Oakland 2495
George Swansstrom, Oakland 2723
Sullivan & Sullivan, Oakland 2800
Triberti & Masero, Oakland 2990
J. H. Fitzmaurice, Oakland 3040
C. J. Langum, Oakland
Contract to be awarded Jan. 10.

SACRAMENTO, Sacramento Co., Cal.—George D. Hudnutt, 1915 S st., Sacramento, at \$135,588 was awarded the contract for the construction of a reinf. concrete stadium, to be erected on the campus of the Sacramento Junior College. Plans were prepared by Architects Dean & Dean, California State Life Bldg., Sacramento. Following is a complete list of the bidders:
George D. Hudnutt, Sacramento ..\$135,588
Mathews Const. Co., Sacramento .. 153,363
Lindgren & Swinerton, Sac. 161,399
McGillivray Const. Co., Sac. 166,260
Holdener Const. Co., Sac. 180,238
William C. Keating, Sac. 181,500
Ira C. Boss, Sac. 185,000
George Pollock, Sac. 209,400
Herndon & Finnigan, Sac. 219,500

LAGUNITAS, Marin Co., Cal.—Until Jan. 23, 8 P. M., bids will be received by E. B. Gardner, clerk, Lagunitas School District, to erect grammar school; one-story frame and stucco, 3 classrooms; estimated cost, \$25,000. A. A. Cantin, architect, Flatiron Bldg., San Francisco. Cert. check 10% req. with bid. Plans obtainable from architect. See call for bids under official proposal section in this issue.

Preparing Working Drawings.
SHOP BLDGS. Cost, \$70,000
OAKLAND, Alameda Co., Cal. East Oakland High School.
Two frame shop buildings.
Owner—City of Oakland Board of Education.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Plans will be completed in about two months.

LONG BEACH, Los Angeles Co., Cal.—Architects Dedrick & Bobbe, 901 Heartwell Bldg., Long Beach, are completing working plans for a 3-story class A ad-

ministration building to be erected at corner 7th st. and Locust ave., Long Beach, for Long Beach board of education; 146x75 ft., reinforced concrete construction (pan system); cost \$150,000.

Plans Being Completed.
ALTERATIONS Cost, \$6000
DEL MONTE, Monterey Co., Cal.
Remodel old school building for auditorium.
Owner—Del Monte School District.
Architect—Geo. E. Ellinger, 1423 Webster St., Oakland.

Bids will be taken in one week for a general contract with separate bids for steam heating.

VINE HILL, Contra Costa Co., Cal.—Until Jan. 24, 2 P. M., bids will be received by Miss E. S. Vance, clerk, Vine Hill School District, to erect new school for which bonds of \$11,000 were recently voted. Coffman-Sahlgren-Stafford, architects, 602 Plaza Bldg., Sacramento. Cert. check 10% payable to clerk req. with bid. Plans on file in office of clerk and obtainable from architects on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

DUNSMUIR, Siskiyou Co., Cal.—Until Feb. 3, 7:30 p. m., bids will be received by Clara J. Hanna, clerk, Dunsmuir joint union high school district, to erect high school for which bonds of \$35,000 were recently voted. Stark & Flanders, architects, Ochsner Bldg., Sacramento. Bids will be received for general contract, electric work, heating and plumbing. Cert. check 10 per cent payable to clerk req. with bid. Plans obtainable from architects on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

BANKS, STORES & OFFICES

Plans Complete
BANK Cost \$—
BERKELEY, Alameda Co., Domingo st. near Tunnel rd.
One-story bank and store building.
Owner—Piedmont Commercial Center.
Architect—Albert Farr & J. F. Ward, 68 Post st., S. F.
Lessee—American Trust Co., 464 California, C. F.
As soon as permit is granted bids will be called for.

Bids Rejected
LOFT BLDG. Cost \$26,000
OAKLAND, Alameda Co., Cal., Ninth and Webster sts.
Two-story class C loft building.
Owner—Dr. R. N. Blanquie, 934 Warfield ave., Oakland.
Architect—A. Froberg, 505 17th st., Oakland.

Low Bidder—H. J. Christiansen, Ray Bldg., Oakland.
All bids were rejected as being too high. Plans are to be revised and new bids called for shortly.

Bids Opened—Under Advisement.
BANK BLDG. Cost, \$40,000
RICHMOND, Contra Costa Co., Cal. Twelfth St. and Macdonald Ave.
One-story reinforced concrete bank bldg.
Owner—Richmond Commercial & Savings Bank (Geo. E. Barnett, President).
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
Contracts are to be awarded within a week.

Glass Contract Awarded.
STORE BLDG. Cost, \$40,000
CARMEL, Monterey Co., Cal.
One-story and part two-story concrete Class C store building (8 stores).
Owner—L. C. Merrill, Carmel.
Architect—Blaine & Olsen, 1755 Broadway Oakland.
Contractor—C. H. Laurence, 5321 Lawton St., Oakland.
Glass—W. P. Fuller & Co., 2037 Shattuck Ave., Berkeley.
Other contracts are to be awarded next week.

Excavating Contract Awarded
STORE BLDG. Cost \$1,750,000
SAN FRANCISCO, NW O'Farrell and Stockton sts.
Eight-story and basement class A department store building and five-story addition to present three-story bldg.
Owner—O'Connor, Moffatt & Co., Post and Kearny sts., S. F.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Dinwiddie Construction Co., Crocker Bldg., S. F.
Excavating—Sibley Grading and Teaming Co., 65 Landers st.

As previously reported: Terra Cotta awarded to Gladding, McBean & Co., 660 Market st., S. F.; structural steel to U. S. Steel Products Co., Russ Bldg., S. F.

Sub-Bids Wanted.
STORE BLDG. Cont. price, \$31,865
SAN RAFAEL, Marin Co., Cal. Fourth St., bet. A and Loutens Place, 50 by 150 feet.

One-story brick and concrete store building, foundation to be laid for additional story.
Owner—Dr. Robert Lovell, Masonic Bldg., and Howard C. Sparrow, Willard Battery Co., San Rafael.
Architect—Eng. Dept. of J. C. Penny Co., New York.
Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.
Sub-bids are wanted for plumbing, glass, structural steel and roofing.

Preparing Working Drawings.
ALTERATIONS Cost, \$—
SAN FRANCISCO, No. 779 Market St.
Alter present theatre building for market.
Owner—Thomas Magee, 60 Sutter St., San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Lessee—Shapiro Bros., 945 Market St., San Francisco.

RICHMOND, Contra Costa Co., Cal.—Kress Co., chain department store operators, are seeking a site in Richmond on which it is proposed to erect a modern department store. A site at Tenth and Macdonald Ave. is favored by investigators for the company.

Contract Awarded
BANK Cost \$12,000
SAN JOSE, Cal., First and Fountain.
Alterations to first and second floors of present bank building.
Owner—Bank of Italy, Santa Clara and First sts., San Jose.
Architect—H. A. Minton, Bank of Italy Bldg., S. F.
Supt.—A. Langfelder.

Completing Plans
STORE Cost \$20,000
BERKELEY, Alameda Co., Arlington Heights.
One-story frame and stucco store building.
Owner and Builder—Raymond Price, 761 Contra Costa.
Architect—Edwin L. Snyder, 2108 Addison st., Berkeley.
Sub-bids will be taken in 10 days.

Preliminary Plans Being Prepared
STORE BLDG. Cost \$30,000
OAKLAND, Alameda Co., Harrison st.
Two-story class C store and office bldg., 3 stores, 12 offices.
Owner—Withheld.
Architect—Guy L. Brown, American Bk. Bldg., Oakland.

SACRAMENTO, Cal.—S. H. Kress & Co., national merchandising chain store, has purchased the Hornlein Bldg., a 3-story reinforced concrete structure at 818-820 K st., and upon expiration of the present leases in 1930 will replace the structure with a larger and more modern building.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

LOS ANGELES, Cal.—The Southern California Telephone Co., 740 Olive st., has filed application with the railroad commission for authority to erect a 10-story and basement class A building at 712-748 S. Olive st. The new building will adjoin the present building on the south. The property is 86x166 ft. Est. cost \$1,019,571.08.

Sub-Contracts Awarded.
BANK BLDG. Cost, \$75,000
PETALUMA, Sonoma Co., Cal.
One-story reinforced concrete bank building.

Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

Contractor—K. E. Parker, 135 South Park, San Francisco.

Steam Heating System—Crimello Bros., Petaluma.

Structural Steel—Golden Gate Iron Wks., 1541 Howard St., San Francisco.

Travatie—P. Grassi & Co., 1945 San Bruno Ave., San Francisco.

As previously reported, excavating awarded to McClure & Chamberlin, 608 Octavia St.; wrecking to Dolan Wrecking Co., 1650 Mission St., S. F.

Preparing Working Drawings.
BANK Cost, \$40,000

CORAN, Kings Co., Cal.
One-story reinforced concrete bank and store building (46x60 ft.)

Owner—First National Bank of Corcoran.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.

Plans will be completed in about three weeks.

Plans Being Completed
BANK BLDG. Cost \$75,000

MODESTO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store building.

Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.

Bids will be taken in a week for a general contract.

Plans Completed.
STORE BLDG. Cost, \$10,000

BERKELEY, Alameda Co., Cal. Shattuck Avenue.

One-story frame and brick veneer store building.

Owner—Withheld.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.

As soon as financing arrangements are completed bids will be taken.

Completing Working Drawings.
ALTO BLDG. Cost, \$150,000

Oakland, Alameda Co., Cal. Broadway and Twenty-ninth St. (67,000 sq. ft.)

One-story Class C and part Class D auto building (service plant and sales room, 50x112 feet).

Owner—Weaver-Wells Co., 3321 Broadway, Oakland.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

SAN FRANCISCO—Architect Chas. W. McCall, 1404 Franklin St., Oakland, recently awarded a contract to the Otis Elevator Co., 1 Beach St., San Francisco, at \$15,500 for furnishing and installing elevator in the Robert Dollar Building, 331 California St.

Plans Being Prepared.
STORE BLDG. Cost, \$—

SAN FRANCISCO. Howard Street Near Fourth Street.

Two-story reinforced concrete store building, 50x80 feet.

Owner—Bingley Photo Engraving Co., Cal. Bldg., San Francisco.

Architect—W. H. Crim, 425 Kearny St., San Francisco.

LOS ANGELES, Cal.—Schofield-Twaits Co., Pacific Finance Bldg., was awarded the contract at \$794,284 for all work complete for erecting a 13-story class A steel frame professional building at the southwest corner of Wilshire blvd. and Westlake ave. for the Los Angeles County Medical Holding Corp. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., are the architects. The building will contain 220 office suites and will be 150x120 ft., steel frame construction, brick and terra cotta facing.

Building Permit Applied For
ADDITION Cost \$500,000

SAN FRANCISCO. NE Van Ness ave. and Jackson st.

Three-story addition to present three-story class A reinforced concrete medical building (50 suites approx., large solarium).

Owner—A. H. Bergstrom, 74 New Montgomery st., S. F.

Architect—Clausen & Amendes, Hearst Bldg., S. F.

Exclusive Agents—Allen & Co., 168 Sutter st., S. F.

Contractor—C. L. Wold, 185 Stevenson st., S. F.

As previously reported, steel awarded to Western Iron Works, 141 Beale st., S. F.

Contract Awarded
ALTERATIONS Cost \$—

SAN FRANCISCO. Twentieth ave. and Irving st.

Alter and add to present bank bldg.

Owner—American Trust Co., 464 California st., S. F.

Architect and Mgr. of Constr.—C. R. Collup, 464 California st., S. F.

Excavating, concrete, rough and finish carpentry—Antonio Draga, 21 Brompton st.

Terra cotta tile—Malott & Peterson, 2412 Harrison st.

Burglar alarm, vault doors and partitions—Hermann Safe Co., Howard & Main Sts.

Ornamental iron—Monarch Iron Works., 262 7th st.

Sheet metal work—Morrison Co., 75 DuBois ave.

Cabinet work, cages and mill work—William Bateman, 1913 Bryant st.

Roofing and dampproofing—J. W. Bender Roofing Co., 18th and Bryant Sts.

Lathing and plastering—Eugene Dietlen, Call Bldg.

Plumbing—Frederick W. Snook Co., 593 Clay st.

Electric wiring and fixtures—Bying Electric Co., 1809 Fillmore st.

Gas steam radiators—Pacific Gasteam Co., 571 Mission st.

Glass—Tyre Bros., 666 Townsend st.

Magnesite—Rokada Co., 209 Utah st.

Finish hardware—Palace Hardware Co., 581 Market st.

Plans Ready For Bids In A Few Days.
BANK BLDG. Cost, \$75,000

MODESTO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store building.

Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.


SAN FRANCISCO—Thos. Lipton Co., 561 Mission St., contemplate the erection of a fifteen-story Class A office and store building in the downtown district to house Pacific Coast distributing quarters for the eleven Western states. No definite information regarding the project is available at the present time. Announcement, however, of the progress of the proposed project will be made within the next few weeks.

Orders-Inquiries

60 pages

Send for FREE COPY

Can be Secured by MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertisings

Contract Awarded
ALTERATIONS Cost \$9000

SAN FRANCISCO. SW California and Montgomery.

Alterations to bldg. (fixture work, etc.)

Owner—Hellman & Wade, 517 California st.

Architect—H. A. Minton, 550 Montgomery st.

Contractor—Fink & Schindler Co., 228 13th st.

Structural Steel Contract Awarded.
BANK BLDG. Cost, \$300,000

SAN FRANCISCO. NE Pine and Leidesdorff Streets.

Six-story Class A bank and office building

Owner—Investment Properties Corp., Alexander Bldg., San Francisco.

Lessee—Canadian Bank of Commerce, 450 California St., San Francisco.

Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Structural Steel—Central Iron Works, 2050 Bryant St., San Francisco.

THEATRES

Plans Approved—Construction to Start
Next Week Cost \$350,000

THEATRE
SAN FRANCISCO. Geneva ave. bet. Paris and London Sts.

Two-story class A theatre and store bldg., seating capacity 1500, 6 stores.

Owner—Ackerman & Harris, Phelan Bldg.

Architect and Contractor—R. P. Davis, 961 Geneva ave.

BANNING, Riverside Co., Cal.—W. E. Emick, 456 Roosevelt Bldg., Los Angeles, has contract and will take sub-bids for a new theatre, store and hotel building to be erected at the corner of First and Ramsey Sts., Banning, for J. J. Corey, and to be leased by the Principal Theatres, Inc., Film Exchange Bldg., Washington St. and Vermont Ave., Los Angeles; theatre auditorium to seat 650 people, 2 stores and a number of hotel rooms; 85x123 feet, brick construction.

Building Permit Applied For
THEATRE Cost \$250,000

SAN FRANCISCO. Geneva ave. bet. Paris and London Sts.

Two-story class A theatre and store bldg., seating capacity 1500, 6 stores.

Owner—P. B. Russi, 839 London st.

Lessee—Ackerman & Harris, Phelan Bldg.

Architect and Contractor—R. P. Davis, 961 Geneva ave.

Most of the sub-bids are in and as soon as building permit is granted awards will be made.

Preparing Working Drawings
THEATRE Cost \$100,000

MERCED, Merced Co.
Two-story class C theatre bldg., seating capacity 1500.

Owner—Merced Theatre (Frank J. Alberti, mgr.)

Architect—Mark T. Jorgensen, 742 Market, S. F.

Bids will be taken in about 90 days.

LODI, San Joaquin Co., Cal.—National Theatre Syndicate, operating a chain of theatres with one in Stockton, has leased the old Tokay Theatre in W. Elm st. and will remodel the building for a modern playhouse.

WHARVES AND DOCKS

SAN FRANCISCO—The following bids were received by State Harbor Commission, Ferry Bldg., to lay approx. 25,000 sq. ft. Topeka surface on extension of Pier No. 30 and 25,000 sq. ft. sq. ft. on extension of Pier No. 32:

A. G. Raisch Co., 46 Kearny st.\$.067

Fay Improvement Co.068

Pacific States Const. Co.069

Federal Construction Co.07

Contract to be awarded within a few days.

SAN FRANCISCO—Following bids taken under advisement for one week by State Harbor Commission to repair reinforced concrete beams and girders of Pier No. 54, involving cement, reinforcing fabric, steel, sand and asphaltic paint, (the state to furnish the cement):

(a) maximum cost per sq. ft.; (b) service and rental charge for each working day that crew or machine is out:

Spivock & Spivock, San Francisco (a) \$1.48; (b) \$60.40.

California Air Construction Co. (a) \$.87; (b) \$165.

Manning & Baldwin, Inc., San Francisco (a) \$.58; (b) \$40.

Butte Construction Co., San Francisco (a) \$1.30; (b) \$85.

Cement Gun Construction Co., San Francisco (a) \$.74½; (b) \$60.

Hamilton Construction Co., San Francisco (a) \$.80; (b) \$50.

SAN PEDRO, Los Angeles Cal.—Until 9 a. m., Jan. 25, bids will be received by the Los Angeles harbor commissioners, 1017 S Figueroa st., Los Angeles, for the construction of an addition transit shed on wharf at Berth 153, San Pedro; plans were prepared by George F. Nicholson, harbor engineer, Berth 90, San Pedro; the property is occupied by the Los Angeles Steamship Co; 100x105 ft., steel frame, corrugated iron walls.

OAKLAND, Cal.—Until Jan. 16, 5:30 p. m., bids will be received by G. B. Hegardt, sec'y., city port commission, to pave Grove street pier. Spec. obtainable from above office.

SAN FRANCISCO—A. G. Raisch Co., 46 Kearny St., at \$.067 submitted low bid and was awarded contract by State Harbor Commissioners, Ferry Bldg., to lay approx. 25,000 sq. ft. Topeka surface on extension of Pier No. 30 and 25,000 sq. ft. on extension of Pier No. 32.

MISCELLANEOUS BUILDING CONSTRUCTION

MODESTO, Stanislaus Co., Cal.—Store and lodging house of P. Latz, 625 Powell St., San Francisco, suffers fire damage in addition to department store adjoining his property; loss estimated at \$150,000.

SAN FRANCISCO—Peter Sorenson, 2652 Harrison st., at \$2992 sub. low bid to Board of Public Works to erect comfort station at Mills Field Municipal Airport. Other bids, all taken under advisement, were: Clancy Bros., \$3100; H. E. McCool, \$3230; J. A. Bryant, \$3247; Adam Arras, \$3310; Spivock and Spivock, \$3465; Stephenson Construction Co., \$2736; Acme Construction Co., \$4986.

SAN FRANCISCO—Peter Sorensen, 2652 Harrison st., at \$8143 sub. low bid to Board of Public Works to construct pedestrian tunnel in Skyline blvd. at Fleishacker Pool. L. J. Cohn, next low at \$9280. Sixteen bids in all received. Complete list of unit bids will be published in tomorrow's issue.

MONTEREY, Monterey Co., Cal.—Fred McCrary, Fremont st., Monterey, was awarded the contract at \$16,990 by Clyde A. Dorsey, city clerk, to construct concrete grandstand with seating capacity of 2000 persons including dressing rooms, etc. Plans by City Engineer H. D. Severance. Other bidders were:

J. H. Clark, Pacific Grove	\$17,437
Wad. O. Halstead, Monterey	17,500
S. H. Hook, Monterey	17,913
M. J. Murphy, Carmel	18,475
E. S. Steen, Watsonville	18,658
W. A. White	18,700
L. H. Joseph and W. Hook, Monterey	20,992

COLUSA, Colusa Co., Cal.—Chamber of Commerce is conferring with Sacramento-Northern Railroad seeking the erection of a new r. r. station in Colusa.

PALO ALTO, Santa Clara Co., Cal.—City council plans early construction of pedestrian subway under State Highway fronting the Mayfield Grammar School. Est. cost, \$5000. J. F. Byxbee Jr., is city engineer.

EUREKA, Humboldt Co., Cal.—General Petroleum Corp. granted building permit by city to erect storage and distribution plant at Broadway and Washington st., involving an expenditure of \$10,000. Will include office, pump house, garage, truck loading racks and two 20,000-gal. steel tanks.

Permit Applied For.

BATH HOUSE Cost, \$20,000

SAN FRANCISCO. E Taylor bet. Greenwich and Lombard Sts.

Reinforced concrete tank and tile tub baths.

Owner and Builder—Edward Cerruti, 775 Lombard St., San Francisco.

Architect—E. Sisson.

SAN FRANCISCO—Bureau of Architecture, Department of Public Works, preparing plans to beautify walls of Pantages Theatre building facing the Civic Center.

Sub-contracts Awarded

MAUSOLEUM Cost, 1st unit \$200,000

PIEDMONT, Alameda Co., Cal., Mountain View Cemetery.

Concrete mausoleum and columbarium (marble and bronze interior).

Owner—Mountain View Cemetery Assn.

Architect—Weeks & Day, 405 Montgomery st., San Francisco.

Contractor—Chas. Heyer, Mills Bldg., San Francisco.

Plumbing—Oscar Zeis, 2181 High st., Oakland.

Glass—East Bay Glass Works, 369 5th st., Oakland.

Finish hardware—Builders Hardware, 2081 Franklin st., Oakland.

Terrazzo—M. H. Gnecco, 36 Wood st., S. F.

Marble—American Marble & Mosaic Co., 25 Columbia Square, S. F.

Lathing and plastering—A. J. Hillman, 354 Hobart st., Oakland.

Ornamental iron—Michel & Pfeffer, 10th and Harrison St., San Francisco.

Tile roofing—Eckhardt & Ferrabee, 354 Hobart st., Oakland.

Cast stone and granite—McGillvary-Raymond Co., 634 Townsend st., S. F.

Reinforcing steel—Soule Steel Co., Rialto Bldg., S. F.

PALO ALTO, Santa Clara Co., Cal.—Trustees of Stanford University grant site to Lieut. Norman A. Goddard, U. S. N. R., for the establishment of the Palo Alto School of Aviation. The site is at El Camino Real and University Ave. The school will be conducted as a private enterprise, not officially connected with Stanford. Buildings to be erected will comprise administration building, offices and classrooms to accommodate 50 students; steel hangar, 60 by 80 ft., housing 8 planes; repair shops, etc.

Bids Close Feb. 9, 2 p. m.

BARRACKS First unit \$125,000

SAN LUIS OBISPO, Cal., San Luis Obispo National Guard Training Camp.

Group of frame and galvanized iron bldgs. for National Guard training camp.

Owner—State of California.

Architect—George B. McDougall, state architect, Forum Bldg., Sacramento.

Bids are being taken by Adjutant General R. E. Mittelstaedt, Forum Bldg., Sacramento. The work will be in furtherance of a three-year building program, with a total outlay of \$400,000 entailed. The first year's work will provide for completion of a 1,500,000 gallon reservoir, complete sewer and water system, 17 mess halls and kitchens, an electric lighting system and military structures, including warehouses and tent platforms.

SANTA ROSA, Sonoma Co., Cal.—Plans for organization of the Sonoma County Museum Society are being worked out by a committee of citizens headed by Dr. W. C. Shipley. Articles of incorporation for such an organization will be drawn up at once. The purpose of the society is to erect a museum building on the E street side of the public library. Either a new structure will be erected or an addition to the library.

SAN FRANCISCO—Chace & Hurd, engineers, Shreve Bldg., are preparing plans for proposed addition to Kezar Stadium in Golden Gate Park, opposite the Polytechnic High School; estimated cost, \$225,000. Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 ft. to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail:

D-2717—Hardware Specialty. San Francisco, Cal. Manufacturers of a direct sales hardware specialty desire to appoint an individual to act as their sales representative in Northern California.

D-2720—Gas Machine. New York, N. Y. Manufacturers of a gas machine, which is a self-contained unit capable of supplying fuel for heating, cooking, lighting and industrial uses, at low cost, are desirous of securing an agent to handle their line in this territory.

12549—Pine Lumber. Netherlands. Importer seeks connections independent San Francisco exporters of pine lumber.

12551—Metal Tiles. Berlin, Germany. Manufacturers of metal tiles for wall covering wish connection with firms in San Francisco, or desire to appoint an agent.

12557—Whiting and Cement. London, England. The U. S. A. representatives of Belgian producers of whiting and cement would appreciate hearing from San Francisco firms interested in importing these commodities.

12564—Fibre. Hollywood, Cal. Foreign trader seeks connections with San Francisco importers of coconut fibres and other commercial fibres.

12567—Hardware. Kingston, N. S., Canada. Merchandising firm is interested in handling a line of groceries, provisions, wines and spirits, sugar, hardware, dry goods and motions. They are prepared not only to stock goods for resale but will be willing to book orders on a commission basis.

12570—Pumps, Hand Operated Machinery, Tools, Machine Guns, Sewing Machines, Etc. Aden, Arabia. Party in Arabia for the purpose of studying the possibilities of assisting in the development of the country, states that a considerable market might be developed there for pumps, gas engines, pipe and pipe fittings, hand agricultural tools, concrete pipes and pile drivers, cranes, hand-operated machines, machine guns, cotton gins, looms, old-style spinning wheels, saws, grindstones, forges, sewing machines and hardware.

Many a man who doesn't believe in gambling bets his life every day by some fool bit of carelessness.

If a man wants to risk his own neck, that's his business, and take it from me, it's the poorest business in the world.

The State government has invested \$18,049,834.84 in farms and homes for former service men in the last six years, it is announced in a report issued by George M. Stout, secretary of the State Veterans' Welfare Board. Funds from sale of veterans' bonds, to be retired as the former service men pay for the property, have been used to purchase 3,624 homes and 211 farms. Farm and home purchasers in the three leading counties total as follows: Los Angeles, \$6,272,180; Alameda, \$2,959,515; San Francisco, \$1,850,475.

Depositors in the Safety First Bank need never worry about security or dividends. They get both without asking.

The National Association of Sheet & Tin Plate Manufacturers reports an increase in sheet production from 65.9 per cent of capacity in November to an average of 75.4 per cent the first half of December.

San Luis Obispo Roofing & Paint Co. of San Luis Obispo has added Certain-teed paint products to its line of merchandise. The company is located at 1230 Osos street.

Engineering News Section

BRIDGES

SAN FRANCISCO—Until Jan. 25, 3 P. M., bids will be rec. by Board of Public Works to fur. and place steel tie rod anchors for 3rd St. and Channel St. Bridge; estimated cost, \$13,000. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SONORA, Tuolumne Co., Cal.—A Parsons, Sonora, at \$1850 awarded cont. by county to const. reinf. conc. slab bridge over Eagle creek on Jupiter rd. Perry W. Whitt, Columbia, \$2340; W. E. Book-er, Jamestown, \$2780; D. R. Hanify, Jamestown, \$2732.

OAKLAND, Cal.—M. Smith, 3321 Randolph st., Oakland, at \$1350, awarded cont. by city to const. conc. culvert, 41.66 ft. long, (internal dim. 8 ft. 3 in. by 14 ft. wide) across Arthur st.

MARTINEZ, Contra Costa Co., Cal.—Until Feb. 6, bids will be rec. by J. H. Wells, county clerk, to const. steel and conc. bridge over Marsh Creek, 1 mi. north of Brentwood; est. cost, \$9450. Plans obtainable from County Surveyor R. R. Arnold.

WASHINGTON STATE—State Highway Engineer Samuel J. Humes preparing plans for 18 bridges to be constructed during current year including Kettle Falls bridge over Columbia river, estimated to cost \$300,000. Cantilever main span of bridge will be approx. 528 ft. long. Other structures contemplated include: across Queets river on state road No. 3, with two 300-ft. spans; two steel spans across theooksack river east of Bellingham; two steel spans across Skagit river at Marblemount; steel structure across Cle Elum river on state road No. 2; 300-ft. concrete arch bridge across Wenatchee river near Dryden; overcrossing at Mount Vernon over Great Northern railroad tracks which will cost about \$100,000, of which the city will pay 25 per cent, the railroad 25 per cent and the state the remainder.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 3, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to const. Burneyville bridge over Stanislaus river to be financed jointly by Stanislaus and San Joaquin counties; will be 731 ft. over all and 20 ft. wide in the clear; steel span 140 ft. long with wooden approaches, connecting Riverbank on the Stanislaus county end. Est. cost, \$40,000. Cert. check 10% payable to Chairman of the Bd. of Suprs. req. with bid. Plans obtainable from County Surveyor Fred Smith, (J. H. Hoskins is county surveyor of Stanislaus County).

SAN DIEGO, Cal.—Until 11:45 a. m., Jan. 30, bids will be rec. by county to const. 114-ft. pile trestle bridge, 20 ft. in width, on Bay Blvd. at north city limits of Chula Vista.

Bids, same date, to const. 304-ft. pile trestle bridge, 18 ft. in width, across Sweetwater river just east of Sunny-side. Plans obtainable from Miss C. Buckley, county clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal.—Pacific Coast Engineering Co., Hobart Bldg., Oakland, at \$7075 sub. low bid to city port commission to fur. and del. dredge hull and ladder pipe with fittings for 20-in. suction dredge. Other bids, all taken under advisement, were: Hanlon Drydock Co., Oakland, \$7682; Pacific Diesel Engine Co., Oakland, \$7783; United Iron Works, Oakland, \$7966; Union Machine Works, San Francisco, \$8377.

SANTA BARBARA, Cal.—Merritt-Chapman-Scott Corp., Wilmington, will probably be awarded contract by Fidelity Casualty & Bonding Co. of New York to complete A. J. Grier contract on Santa Barbara breakwater. The new harbor commission and a representative of the bonding company have finally agreed to compromise claims for \$54,000, the city to pay half and the company the other. The city council approval will probably be made at once.

IRRIGATION PROJECTS

SACRAMENTO, Cal.—Miller & Lux Corp. has applied to the state water rights department for water permits for irrigation projects in the San Joaquin Valley amounting to \$1,288,750.

FRESNO, Fresno Co., Cal.—Proposal to incorporate 14,500 acres in Centerville Bottoms into an irrigation district was defeated at a recent election.

TURLOCK, Stanislaus Co., Cal.—Until Jan. 16, 8 P. M., bids will be rec. by E. C. Hoover, Secty., Casey Ditch, for concrete lining 350 ft. of ditch, according to specifications of Turlock Irrigation District. Work to be completed by March 15. Work is located 2 mi. west and 1 mi. south of Turlock. Further information obtainable from secretary.

CALIFORNIA—Following permits were granted during the month of December, 1927, by State Department of Public Works, Division of Water Rights, to appropriate waters:

Permit 2923, application 5514 (Mono Co.) Seymour Finance Corp., care James H. Van Law, Atty., National City Bank Bldg., Los Angeles, Cal., 0.1 cu. ft. per sec. from 2 springs for domestic use on 800 lots. Est. cost \$1500.

Per. 2930, App. 5166 (Plumas Co.) W. E. Drew, Blairsden, for 1.5 c.f.s. from Little Grey Eagle Creek for power purposes; 12 T. H. P. to be developed. Est. cost \$500.

Per. 2931, App. 5696 (Sutter Co.) Commercial Investment Co., Sacramento, for 1.11 c. f. s. from Sacramento River, for irrigation of 89.21 acres. Es. cost \$5609.

Per. 2932, App. 5663 (San Diego Co.) Fred Lazz, San Diego, for .3 c. f.s. from Tubhead spring creek for domestic and irrigation purposes on 100 acres. Est cost \$1500.

Per. 2932, App. 5552 (Sierra Co.) Chas. E. Herron, Los Angeles, for 100 c. f. s. from So. Fk. of No. Fk. Yuba River for mining purposes. Est. cost \$70,000.

Per. 2931, App. 5712 (San Joaquin Co.) Richard and Nellie C. Stevens, Ripon,

Cal., 1.25 c. f. s. from Lone Tree Creek for irrigation of 100 acres. Est. cost \$1000.

Per. 2935, App. 4309 (Nevada Co.) Nevada Irrigation Dist., Grass Valley, Cal., 135 c. f. s. from So. Fk. Yuba River, Middle Fk. Yuba River and Canyon Creek for power purposes; 40,883 T. H. P. to be developed. Est. cost \$8,165,000.

Per. 2936, App. 4310 (Nevada Co.) Nevada Irrigation Dist., 126 c. f. s. from S. Fk. Yuba River, Middle Fk. Yuba River and Canyon Creek for power purposes; 16,852 T. H. P. to be developed.

Per. 2937, App. 5316 (San Joaquin Co.) McMullin Reclamation Dist. No. 2075, care Harmon S. Bonte, San Francisco, for 48.75 c. f. s. from Stanislaus River for irrigation of 3900 acres.

Per. 2939, App. 5178 (Los Angeles Co.) L. S. Forest Service, Los Angeles, 0.1 c. f. s. from Vasquez Creek for irrigation of 25 acres. Est cost \$2000.

Per. 2940, App. 5301 (Los Angeles Co.) L. S. Forest Service, Los Angeles, .25 c. f. s. from 2 branches of Clear Creek for agricultural purposes on 40 acres. Est. cost \$1000.

Per. 2941, App. 5478 (Inyo Co.) A. M. Johnson, care E. S. Giles, Goldfield, Nev., 1 c. f. s. from Grapevine Canyon Spring for power and domestic purposes; 28 T. H. P. to be developed. Est. cost \$10,000.

CALIFORNIA—Following is a partial list of applications filed during the month of December, 1927, with the State Department of Public Works, division of water rights, for permits to appropriate waters:

Application 5767 (San Diego Co.) G. M. Jones, trustee, care D. M. Baker, Los Angeles, for 10,000 ac. ft. per annum from Coyote creek tributary to Salton Sink, for domestic and irrigation purposes on 51,200 acres in Borego Valley.

App. 5770 (Trinity Co.) M. A. Senger, Weaverville, 3 c.f.s. from north fork Trinity river tributary to Trinity river, for power purposes; 375 T. H. P. to be developed.

App. 5772 (Amador Co.) M. J., Pierre, and Alice Plasse, Jackson, Cal., .077 c.f.s. from unnamed springs tributary to W branch of W branch to south inlet of Silver Lake, for power purposes. Est. cost \$1000.

App. 5773 (Modoc Co.) John P. Booth, San Jose, 30 c.f.s. and 2450 ac. ft. per annum, south fork Pit river tributary to Pit river, for power purposes; 2026 T. H. P. to be developed.

App. 5774 (Modoc Co.) John P. Booth, San Jose, for 12 c. f. s. and 2450 ac. ft. per annum from Mill creek tributary to south fork Pit river, for power purposes 1216 T. H. P. to be developed.

App. 5776 (Mono Co.) Roy Booth, forest supervisor agent for Crystal Crag Water & Development Assn. (proposed), Bishop, Cal., for .016 c. f.s. from Cold Water creek tributary to Lake Mary and Mammoth creek for domestic purposes at Crystal Crag Lodge and the Lake Mary tract of summer home sites lot 1 to 26 inc. Est. cost \$3000.

App. 5777 (Siskiyou Co.) Daffodil Mining Co., Roseburg, Ore., for 20 c. f. s. from Elliott creek tributary to Applegate river, for mining purposes. Est. cost \$2500.

App. 5779 (Trinity Co.) Robert L. Little and Geo. E. Waggoner, care W. D. Ball, Los Angeles, 75 c.f.s. and 10,000 ac. ft. per annum from Stuarts Fork and Deer creek tributary to Trinity river, for power purposes; 20,000 T. H. P. to be developed.

App. 5780 (Trinity Co.) Robert L. Little and Geo. E. Waggoner, care W. D. Ball, Los Angeles, 25 c. f. s. from Stony creek tributary to Stuarts Fork, for power purposes; 1400 T. H. P. to be developed.

App. 5782 (El Dorado Co.) Farnall Gold Mines Corp., Placerville, for 7.5 c.f.s. from Camp creek tributary to Cosumnes river, for power purposes; 134 T. H. P. to be developed.

App. 5784 (Santa Cruz Co.) The Paradise Fk. Masonic Club, cr. Collins & Roan,

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

attys., Oakland., for .5 c. f. s. from Eagle creek tributary to San Lorenzo river, for domestic purposes. Est. cost \$10,000.
 App. 5785 (Fresno Co.) Miller & Lux, Inc., San Francisco, 300 c. f. s. from San Joaquin river, for irrigation purposes on 54,000 acres. Est. cost \$510,000.
 App. 5786 (Madera Co.) Miller & Lux, Inc., 206 c. f. s. from San Joaquin river, for irrigation purposes on 16,516 acres. Est. cost \$75,000.
 App. 5787 (Fresno Co.) Miller & Lux, Inc., for 572 c. f. s. from San Joaquin river, for irrigation purposes on 45,745 acres. Est. cost \$203,000.

LIGHTING SYSTEMS

ALHAMBRA, Cal.—Until 9 a. m., Feb. 6, bids will be rec. by city for ornamental lights in residential district bounded by Fremont ave., Valley blvd., Hellman ave. and west city limits. Edwin M. LeBaron Corp. will bear the expense. Otto N. Rugen, city eng.

ALHAMBRA, Cal.—Until 9 a. m., Jan. 17, bids will be rec. by city for ornamental lighting system in Hellman ave. from west city limits to Meridian ave., La Paloma st. from Hellman ave. to Fremont ave., and portions of other streets, under 1911 act. R. B. Wallace, city clerk; Otto N. Rugen, city eng.

MACHINERY AND EQUIPMENT

SANTA BARBARA, Cal.—Until Jan. 19, 2:30 p. m., bids will be rec. by Carl E. Hasse, city purchasing agent, to fur. and del. motor street sweeper. Cert. check or bidder's bond 10 per cent payable to mayor of city req. with bid. Further information obtainable from city purchasing agent.

REDWOOD CITY, San Mateo Co., Cal.—Stuart S. Smith, San Francisco, at \$7500 awarded cont. by city to fur. and del. Elgin motor street sweeper.

FIRE EQUIPMENT

MADERA, Madera Co., Cal.—Madera Post, American Legion, urges city trustees to call election to vote bonds to finance purchase of fire fighting equipment.

SAN DIEGO, Cal.—Fire Chief Almgren has applied to city council for appropriation of \$25,550 for two Seagrave pumping engines, chemical and hose trucks, and other equipment.

ALBANY, Alameda Co., Cal.—City authorizes purchase of Seagrave pumping engine for fire dept., at cost of \$12,750.

MISCELLANEOUS SUPPLIES

EUREKA, Humboldt Co., Cal.—Until Jan. 17, 5 p. m., bids will be received by John Griffiths, City Supt. of Public Wks., 524 D st., to fur. f. o. b. dock, San Francisco, 5 days after award of contract, 40,000 lbs. of Standard Sulphate of Alumina to contain not less than 17½ per cent A. L. 203 Alumina Oxide and not more than one-half of one per cent Iron in bags of 250 pounds each, paper lined.

RESERVOIRS AND DAMS

BEVERLY HILLS, Cal.—Until 8 P. M., Jan. 24th, new bids will be rec. by city to const. underground water reservoir of 7,250,000 gals. capacity, of reinf. conc. construction, with arch rib arch roof covered with soil which will be landscaped. The design of this reservoir will follow the William Thomas System patents which have been ceded to the city for this job. These patents contemplate precast arches swung into place according to patented methods. The dimensions will be 200x300 ft. roughly, 12 to 18-ft. in depth of rectangular shape. Excavation will involve 30,000 cu. yds. Location of job, corner Coldwater Canyon Road and Coldwater Canyon Bridge

Path. Estimated cost, \$110,000. Plans obtainable from engineers, Salisbury, Bradshaw & Taylor, 714 W. 10th St., upon deposit of \$10 which is returnable. Cert. check 10%. Bids received Jan. 3 were: Carpenter Bros., \$132,500; Oberg Bros., \$133,000; C. Ray Gould, \$135,000; Robert E. Millsap, \$140,998; North Pacific Construction Co., \$145,000; Claude Fisher, \$158,790.

VENTURA, Cal.—Salisbury, Bradshaw & Taylor, consulting engineers, Petroleum Securities Bldg., Los Angeles, retained by city as consulting engineers on proposed reservoir construction program.

PIPE LINES, WELLS, ETC.

BEVERLY HILLS, Cal.—Until 8 P. M., Jan. 24, bids will be rec. by city to drill two water wells. Spec. on file at office of city clerk, B. J. Firminger. Salisbury, Bradshaw & Taylor, consulting engineers, Petroleum Securities Bldg., Los Angeles.

COALINGA, Fresno Co., Cal.—California National Supply Co., at \$2800 awarded cont. by city to fur. 250 ft. 16 in. 52½ lb. casing and 1300 ft. 7½ in. 26 lb. casing for well in connection with water system.

VENTURA, Cal.—The General Petroleum Corp., Higgins Bldg., Los Angeles, plans two 8-in. pipe lines from its Rincon oil field to the refineries in Los Angeles. Total length of the line will be 90 miles.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Proposal revived by Polk-Van Ness-Larkin Improvement District Association for tunnel in Broadway between Mason and Larkin Sts. Plans for this tunnel were prepared by City Eng. M. M. O'Shaughnessy in 1914 but no action was taken. The association proposes to meet with the supervisors and urge immediate construction.

WATER WORKS

SOUTH GATE, Cal.—City plans to const. water and sewer system covering practically entire city under A. & I. D. No. 3, involv:

Sanitary Sewer: 2009.84 ft. 21-in., 967.27 ft. 18-in., and 2864.33 ft. 15-in. cem. pipe sewer; 1844.03 ft. 15-in. vit. pipe sewer; 4509.68 ft. 12-in. cem. pipe; 532.38 ft. 12-in. vit. sewer; 5505.70 ft. 10-in., and 167.978.70 ft. 8-in. cem. pipe sewer; \$7,258.34 ft. 6-in. cem. house sewers; 460 manholes and jct. chem.; 156 flushing manholes; 17 drop manholes.

Water System: 733.29 ft. 12-in., 31,726.15 ft. 10-in., 5134.98 ft. 8-in., 68,483.52 ft. 6-in., and 72,911.81 ft. 4-in. class B, c. i. AWWA pipe; 48.50 ft. 2-in. copper water services; 463.88 ft. 1½-in. and 46,264.24 ft. 1-in. copper water services; 178 6-in. fire hydrants with one 2½-in. and one 4-in. connections and with 6-in. bury pipe connection; 22 6-in. fire hydrants with one 2½-in. house connection, with 6-in.

bury; 3 6-in. fire hydrants with one 2½-in. and one 4-in. hose connection, with 4x6 bury; 57 6-in. fire hydrants with 2½-in. hose connection, with 4x6 bury pipe. Additional oiling, etc.: 415,005 sq. ft. oiling; 2,820,023 sq. ft. re-oiling; 70,962 sq. ft. sidewalk.

Plans prepared by Eng. Edw. M. Lynch, Central Bldg., Los Angeles. Protests Jan. 31. Est. cost \$866,478, including incidentals. The dist. covered by system has approx. valuation of \$5,200,000. The bonds which will be issued under the Mattoon act will be 30-year bonds, with 3-year deferred principal, interest at 6 per cent.

SEATTLE, Wash.—Until Jan. 17, 9:30 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, to fur. and del. to Seward Park, one 4-in. centrifugal pump, float, switch and motor. Spec. obtainable from above.

OAKLAND, Cal.—Until Jan. 16, 5:30 P. M., bids will be rec. by G. B. Hegardt, Secty., City Port Commission, 124 Oakland Bank Bldg., for hydro-pneumatic water system at Municipal Airport. Spec. obtainable from above office.

REDWOOD CITY, San Mateo Co., Cal.—Bids will be asked shortly by county supervisors to const. water distributing system in East Palo Alto Water District. Bonds \$45,000 voted to finance construction.

COALINGA, Fresno Co., Cal.—City council will ask bids at once to furnish and install pump and 60-hp. motor for new well in connection with municipal water works plant.

CORCORAN, Kings Co., Cal.—Until Jan. 16, 8 P. M., bids will be rec. by Jas. C. Condon, city clerk, to fur. and del. 1056 ft. 6-in. and 352 ft. 4-in. B & S, Class B, c. i. pipe. Cert. check 10% payable to city req. with bid. See call for bids under official proposal section in this issue.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Pacific Water Co., South San Francisco, will expend \$26,000 to install six and eight inch water mains in various sections of the city.

PASADENA, Cal.—National Cast Iron Pipe Co., New Orpheum Bldg., Los Angeles, awarded cont. by city at \$13,377 to fur. cast iron pipe as follows: 4000 ft. 20-in. cast iron pipe, class B; 5 20x6-in. cast iron tees, 3 bell, class B; 2 20x6-in. cast iron short sleeves, class B; 1 20x12-in. cast iron cross, 4 bells, class B, f.o.b. cars Santa Fe Siding, Pasadena.

EUREKA, Humboldt Co., Cal.—N. Nicoll, Rialto Bldg., San Francisco, awarded cont. by city to fur. and del. f. o. b. wharf, Eureka, 3000 lin. ft. 10-in. Class B c. i. water pipe with bell and spigot joints and 2000 lin. ft. 6-in. Class B c. i. water pipe with bell and spigot joints.

OAKLAND, Cal.—Western Pipe & Steel Co., 444 Market St., San Francisco, sub. low bid to City Port Commission, to fur. and del. (1) 30 pontoon pipes and ball joints, \$11,820 and (2) pontoon elbow with ball joints at \$430. Other bids, all taken under advisement, were: Steel Tank & Pipe Co. (1) \$13,300; (2) \$794; Pacific Coast Engineering Co. (1) \$13,602.87; (2) \$536.76.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

CHOWCHILLA, Madera Co., Cal.—Until Jan. 20, bids will be rec. by city to const. extensions to water system, involv. 3526 ft. 8-in., 4185 ft. 6-in., and 3179 ft. 4-in. pipe and gate valves. Bids will be considered for c. 1. pipe; soil proof riveted steel pipe or other types. Spec. on file in office of clerk.

SIEIRA MADRE, Cal.—Until 7:30 P. M., Jan. 21, bids will be rec. by city to fur. material, trench, lay and install approx. 2400 lin. ft. of 2-in., 4-in., 6-in., and 8-in. pipe lines, including hydrants, valves, fittings, and appurtenances, on portions of Auburn Ave., Carter Ave., Hermosa Ave., and Elm St. Plans on file at office of city eng. Bids to be sub. on schedules as follows: (a) fur. pipe, hydrants, gate, valves, fittings, and appurtenances; (b) fur. labor, material, and equipment to excavate and backfill said trenches; (c) fur. labor and equipment to lay and install the pipes, hydrants, valves, fittings, and appurtenances. Cert. check or bond, 5%. L. Dietz, city clerk.

FORTUNA, Humboldt Co., Cal.—Election will be held Jan. 31 to vote bonds of \$30,000 to purchase and improve water system of Fortuna Water Company.

MONROVIA, Cal.—Until Jan. 23, bids will be rec. by city to const. water system in Norumbega Heights under \$35,000 bond issue voted several months ago. The work will include pipe lines, pump houses and reservoirs.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal.—City plans to plant 500 trees on main streets entering city. City commissioners have already appropriated \$600 for the work.

STOCKTON, San Joaquin Co., Cal.—City plans to plant without charge to property owners 1000 trees on streets within the city limits. The program will be continued for several years, each year adding 1000 additional trees. Victor G. Anderson is city landscape architect.

EUREKA, Humboldt Co., Cal.—Eureka Woman's Club will raise funds to finance purchase of playground equipment for Sequoia Park playground.

SANTA ROSA, Sonoma Co., Cal.—Theodore Roosevelt Post, American Legion, will raise funds and purchase and improve site for childrens' playground. Sandboxes, slides, swings, etc., will be installed.

SEWERS AND STREET WORK

PETALUMA, Sonoma Co., Cal.—J. B. Silva, Petaluma, at \$2769 awarded cont. by city to const. 12-in. sewer in Mt. View ave. under Imp. and Acq. Dist. No. 3.

SONOMA, Tuolumne Co., Cal.—County Surveyor Robt. Thom preparing spec. Moccasin Creek rd. Bids will be asked within the next 30 days.

FRESNO, Fresno Co., Cal.—Proceedings have been started by city to pave Los Angeles ave. bet. Butler ave. and Broadway; Warrenite pavement. A. M. Jensen, city eng.

MERCED, Merced Co., Cal.—Until Jan. 16, bids will be rec. by P. J. Thornton, county clerk (11), to imp. sts. and roads in Rd. Dist. No. 14, involv. grade; 4-in. Willite process asph. conc. pave; cem. conc. comb. curbs and gutters; walks. Rd. Dist. Imp. Act 1907. Est. cost \$100,000 or more. Plans obtainable from County Surveyor W. E. Bedesen, Shaffer Bldg., Merced.

OAKLAND, Cal.—Until Jan. 19, 12 no n bids will be rec. by Frank C. Merritt, city clerk, to imp. Huntington st. bet. Harborview ave. and Tompkins st., involv. grade, pave, curbs, walks, 2 culverts; 1911 act. Cert. check 10 per cent payable to city req. with bid. Geo. N. Bandle, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 East 58th St., at \$132,430 sub. low bid to 3d. Pub. Wks. to imp. Sts. in Broad Ave. and Broad St. Imp. Dist., involv. in the main grading; conc. pave; curbs, walks; water system, etc.

Griffith Co., L. A. Railway Bldg., at \$103,540 low to imp. Sepulveda Blvd., bet. Ohio Ave. and Pico Blvd., involv. in the main grade; asph. conc. and conc. pave; san. sewer; water system, etc.

VENTURA AND LOS ANGELES COUNTIES, Cal.—Santa Fe Pipe & Supply Co., 1376 Willow St., Los Angeles, at \$31,537 awarded cont. by State Highway Comm. to const. 21.4 mi. of pipe line bet. Nicolas Creek and Los Angeles. (This project in connection with 11.8 mi. of grade and surface bet. Little Sycamore Creek and Latigo awarded to the Southwest Paving Co., Los Angeles, at \$143,930.)

BUTTE COUNTY, Cal.—State Highway Commission will provide funds in 1928 budget to grade and surface Oroville-Willows highway. Recommendation will be made at once by Bert Meek, state director of public works, to grade and surface 7 mi. unit between Biggs and Butte City. This work to cost approx. \$10,000 per mile.

RENO, Nevada—City plans to pave 29 blocks of streets and several alleys in 1928. Harry Chism, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—W. Miller, Santa Cruz, at \$7300 sub. low bid to city (403) to imp. Bixby st. bet. Barson st. and Cliff dr., involv. 5-in. conc. pave; conc. walks, curbs, driveway approaches; vit. clay sewer pipe laterals; wrought iron pipe water service; conc. meter boxes. Thompson Bros., \$7363, only other bidder. Taken under advisement.

LODI, San Joaquin Co., Cal.—Property owners petition city to const. sewer in extreme southern portion of Barnhart tract. Referred to City Eng. L. F. Barzellotti.

EUREKA, Humboldt Co., Cal.—Clyde C. Kennedy, consulting engineer, Call Bldg., San Francisco, retained by city as consulting engineer on the reconst. of storm water system.

PALO ALTO, Santa Clara Co., Cal.—City plans to pave 5.5 mi. of Sts. of which one-half is in the Mayfield district; estimated cost, \$250,000. J. F. Byxbee Jr., City engineer.

MERCED, Merced Co., Cal.—Until Jan. 16, 8 p. m., bids will be rec. by W. T. Clough, city clerk, to imp. alley in block 119 involv. grade, 5-in. conc. pave, 20 ft. wide, 1911 act. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk.

TEHAMA COUNTY, Cal.—Tehama county and Federal Government agree to finance const. of 6 mi. of road leading to s. w. entrance to Lassen Volcanic National Park. Tehama county will pay \$25,000 to supplement the \$75,000 to be appropriated by the government.

SAN MATEO, San Mateo Co., Cal.—Clyde C. Kennedy, consulting engineer, retained by city as consulting engineer on reconst. of storm water system.

LOS GATOS, Santa Clara Co., Cal.—H. B. Fisher, engineer, Growers Bank Bldg., San Jose, preparing spec. for conc. pave in Taft, Wilder, Bay View and Massol Aves., bet. Saratoga Ave. and West St., Elm and Royce Sts., and Grays Lane, bet. Santa Cruz and University Aves., Almendra, Nicholson and Bean Aves.

OROVILLE, Butte Co., Cal.—M. J. Treaster, Sacramento, at \$4505 awarded cont. by county to const. Danielson Ave. extension.

GRIDLEY, Butte Co., Cal.—City petitioned to grade and gravel Cedar St. from Park St. west to city limits.

MARIN COUNTY, Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at \$14,179 (eng. est. \$12,872) awarded cont. by State Highway Comm. to widen and surface with asph. conc. and const. rock borders on portions of state highway, bet. Ross and Larkspur, a distance of .71 mi.

PETALUMA, Sonoma Co., Cal.—J. B. Silva, Petaluma, at \$2796 sub. low bid to city to const. 12-in. sewer in Mt. View Ave. under Imp. and Acq. Dist. No. 3. W. J. Tobin, Oakland, next low at \$2935. Taken under advisement.

PASADENA, Cal.—Opening of bids for sewer system to serve Lamanda Park district, previously set for Jan. 9, has been extended to a date yet to be determined. Will involve 6000 ft. vit. sewer main and 5000 ft. conc. sewer main, both types varying from 22-in. to 30-in. in dia. Bonds of \$260,000 voted to finance. W. C. Earle, city eng.; B. Chamberlain, city clerk.

RENO, Nevada—City plans bond election to \$70,000 to finance sewer extensions in various sections of city, paving of E-4th St. and improvement of Whitaker and Evans Parks.

BERKELEY, Alameda Co., Cal.—City Eng. A. J. Eddy, instructed to prepare plans for storm sewer system; estimated cost between \$400,000 and \$500,000, involv. approx. 9 miles of extensions; 8 separate sewer sections are included, besides which two or three additional feeder lines will be added to the plans at a later date. The systems planned are: Claremont section, North Berkeley interceptor, California or Sacramento sts., Northern College ave., Spruce and Vine sts., Sacramento and Virginia sts., Hilliard st. and LaLoma ave., and Third st. interceptor. Chas. H. Lee will be consulting engineer on the work.

LOS ANGELES, Cal.—County starts proceedings for 8.65 mi. of D. & W. S. vit. sewers in Magnolia Park etc., under Co. Imp. No. 651. Est. cost \$218,524.

LOS ANGELES, Cal.—G. H. Oswald, 366 East 58th St., at 111,221 sub. low bid to county to imp. San Pedro st. under Co. Imp. 616, involv. in the main grading, 217,489 sq. ft. 8-in., 6-in., 8-in. conc. pave; 292,369 sq. ft. 5-in. disintegrated rock sub-base; domestic water supply system; vit. sewers, etc.

SAN RAFAEL, Marin Co., Cal.—County Surveyor Rodney Messner making surveys for Manor-Pt. Reyes rd. from foot of White's Hill on east side in Rd. Dist. No. 2, to point three-quarters mile from foot of White's Hill in Rd. Dist. 5. Funds to finance will be provided from country road bonds already voted.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

OROVILLE, Butte Co., Cal.—Hemstreet & Bell, Marysville, at \$6858 awarded cont. by county to const. road from Powder House on Quincy Road to Garden Ranch; approx. 2.16 miles in length.

PETALUMA, Sonoma Co., Cal.—Bids will be asked shortly by city Gladys V. Roberts, city clerk, to const. sewer in portion of Mountain View Ave., from Redwood Highway.

VENTURA AND LOS ANGELES COUNTIES, Cal.—Southwest Paving Co., Los Angeles, at \$143,930 awarded cont. by State Highway Comm. to grade and surface with crushed gravel or stone mi. bet. Little Sycamore Creek and Latigo Creek.

REDWOOD CITY, San Mateo Co., Cal.—Harvey E. Conner, 100 Duane St., Redwood City, at \$4098 awarded cont. by city to const. cem. conc. walks in Jefferson Ave.

BAKERSFIELD, Kern Co., Cal.—County Supervisors contemplate expenditure of \$500,000 each year to const. new roads and repair present ones. A direct tax or a bond issue are being considered as a means of financing.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to const. Golden Gate Heights sewer; estimated cost \$51,000. M. M. O'Shaughnessy, city eng.

OAKLAND, Cal.—County Supervisors request State Highway Commission, R. M. Morton, engineer, to make survey to determine shortest and most practical route for a new highway between Oakland and Stockton. Geo. A. Posey, county surveyor.

CORCORAN, Kings Co., al. — Until Jan. 30, bids will be rec. by Jack C. Condon, city clerk, (41-C) to imp. Whitley Ave., bet. Van Dorsen Ave. and Letts Ave., involv. 164,000 sq. ft. grading; 164,000 sq. ft. 3½-in. asph. base, 1½-in. Warrenite-Bit. surface; cem. conc. curbs, gutters, walks and driveway approaches; corr. metal culverts. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

SANTA PAULA, Cal.—Forty-five thousand dollar bond issue for storm drain construction is planned by city.

OAKLAND, Cal.—Until Jan. 16, 5:30 p. m., bids will be received by G. B. Hegardt, secty., city port commission, to pave Grove street pier. Spec. obtainable from above office.

OAKLAND, Cal.—City declares inten. to imp. Union st. bet. 19th and 26th sts., involv. grade, pave., sewers, manhole; catchbasins and conduits; 1911 act. Protests, Jan. 26. Frank C. Merritt, city clerk; Geo. N. Randle, city eng.

ESMERALDA COUNTY, Nevada—Until Jan. 25, 2 P. M., bids will be rec. by State Highway Comm., Carson City, Nev., S. C. Burke, chief engineer, to grade, const. structures and gravel surface 19.94 mi. in Esmeralda county from 1.1 mi. west of Tonopah to 8 mi. west of Millers; 103,600 cu. yds. unclassified excavation; 6471 yd. sta. overhaul; 19.94 miles prepare subgrade and shoulders; 36,500 cu. yd. crushed rock and gravel surface in place; 30 cu. yd. Class "A" and 46 cu. yd. Class "B" concrete; 536 lin. ft. (in-stall) 18-in. 342 lin. ft. 24-in. and 136 lin. ft. 30-in. corr. metal pipe; 58 monuments; fur. watering equipment; 3043 M gal. apply water. State will furnish corr. metal pipe culverts, f. o. b. Caps Miller's. Plans obtainable from engineer and on file in office of U. S. Bureau of Public Roads, 461 Market St., San Francisco.

OCEANSIDE, Cal.—City plans to imp. Pacific st. from Wisconsin ave. to Eaton st., etc., involv. curb, walk, sewer mains. 3-in. oil macadam pave; 2½-in. oil macadam pave., 5-in. concrete pavement, fire hydrants, water mains, 8-in. sewers, manholes, etc.; 1911 and 1915 acts. Protests, Jan. 25. Eng. est. 143,000. R. L. Loueks, city eng; John H. Landes, city clerk.

SONOMA, Sonoma Co., Cal.—Proceedings will be started at once by city for election to vote bonds to finance sewer extensions.

FRESNO, Fresno Co., Cal.—City declares inten. (69-D) to imp. Los Angeles ave. bet. Broadway and N st. and portions of Butler ave. and Cherry ave., involv. grade and regrade; conc. curbs, gutters, driveway approaches, corr. metal culverts, 4-in. asph. conc. base, 1½-in. Warrenite Bit. surface pave; 1911 act; bond act 1915. Protests, Jan. 26. H. S. Foster, city clerk; A. M. Jensen, city eng.

OAKLAND, Cal.—Until Jan. 19, 12 noon bids will be rec. by Frank C. Merritt, city clerk, to imp. 68th ave. bet. Foot-hill blvd. and Trenor st., involv. grade, curbs, gutter, pave, walks, sewer, man-hole, inlet and curtain wall, culvert; 1911 act. Cert. check 10 per cent payable to city req. with bid. Geo. N. Randle, city eng.

SAN DIEGO, Cal.—Until Jan. 20 bids will be rec. by county for imp. work in San Altos Unit No. 1, all streets to be improved in a connection with Buena Vista ave. Est. cost \$151,000.

Bids, same date, for imp. work in Monterey Heights, under A. & I. No. 29. Est. cost \$146,000. Miss C. Buckley, county clerk.

PETALUMA, Sonoma Co., Cal.—Until Jan. 16, 7:30 p. m., bids will be rec. by Gladys V. Roberts, city clerk, to const. 12-in. sewer from n. e. termination of Mt. View ave. to Petaluma Creek. Cert. check 10 per cent req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—Until Jan. 19, 5 P. M., bids will be rec. by H. G. Denton, city clerk, (2218) to imp. 46th St., bet. 14th and 13th Aves., involv. grade; conc. curb; gutter; c. l. drains; vit. sewers; reconst. manholes; conc. walks; asph. conc. pave with seal coat. 1911 Act. Cert. check 10% payable to city req. Spec. on file in office of clerk. Allan J. Wagner, city engineer.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 17, 7:30 P. M., bids will be rec. by W. R. Means, city clerk, to grade; conc. curbs; part circle corr. iron culverts; 4-in. decomposed granite pave with asph. oil surface. 1911 Act, Bond Act 1915. (Res. of Inten. 130). Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal.—Allied Paving Co., San Francisco, at \$174,675 sub. low bid to county to imp. sts. in Bayview Heights, involv. in the main 30,000 cu. yds. excavating, 362,706 sq. ft. 5-in. and 6-in. asph. conc. paving, 121,200 sq. ft. waterbound macadam paving, 51,000 sq. ft. cem. walk, 10,900 ft. cem. curb, 10,400 ft. 24-in. cem. gutter, 32 electroliers and appurtenances, 17,150 ft

41-in. to 8-in. san. sewer and appurtenances, 2102 ft. 12-in. and 24-in. storm drain and appurtenances, and 16,550 ft. 2-in. to 8-in. water pipe & appurtenances. Other bids, taken under advisement until Jan. 16, were: Union Paving Co., \$204,141; Peninsula Paving Co., \$216,488.

LONG BEACH, Cal.—Torsion Construction Co., Kansas City, Mo., care Stillwell Hotel, Los Angeles, sub. low bid to city at \$579,447 to const. sewer system in Sewer Pump Dist. No. 10. Will have capacity of 19,000,000 gals. Other bids were: R. N. Nikceovich, \$692,232; MacDonald & Kahn, \$726,885; H. W. Rohl & Co., \$819,953; Geo. W. Kemper, \$819,970; Martin Simunovich, \$877,185; Walker & Elden, \$905,086; Thos. Haverty Co., \$927,345; Frederickson & Watson, \$1,071,078.

SACRAMENTO, Cal.—City declares inten. to imp. west half of Riverside blvd. bet. 11th st. and point 2050 ft. northerly, involv. grade, conc. sidewalks; 1911 act. Protests, Jan. 26. H. G. Denton, city clerk; A. J. Wagner, city eng.

SAN RAFAEL, Marin Co., Cal.—County Surveyor Rodney Messner making surveys for Arroyo Vicchi Rd. in Indian Valley Rd. Dist. No. 5. Will be financed from County General Fund.

The last of the retail businesses acquired by the United States Gypsum Co. in 1921 has been sold, according to an announcement from the Chicago headquarters of the company. The business is the Windsor Cement Co. of Boston, which was one in a string of retail establishments operated in the East by J. B. King & Co. The King company was purchased by the United States Gypsum Co. in 1921; since that time the Gypsum company has disposed of the retail establishments as rapidly as purchasers have been found. The purchaser of the Windsor Cement Co. of Boston is M. T. Ryan. It has been announced by Mr. Ryan that the offices of the company will be retained at 18 Tremont street, but that new warehouse space, adequate for the stocking of a full line of building materials, will be procured.

Bureau of Standards tests have demonstrated that wetting the bricks will not add to the compressive strength of brick walls. Clay brick walls will be as strong when aged in air for sixty days as they will be if kept damp for a period of about one week after construction, the tests reveal.

SUBSCRIPTION BLANK

Mail Today

To the publisher of the
BUILDING AND ENGINEERING NEWS
547 Mission Street, San Francisco, Calif.

192

We hereby subscribe for the "Building and Engineering News" for _____ years as per X mark of subscription rate.

Signed _____

Street and No. _____

City _____ State _____

Please enclose check or money order with subscription.

Subscription Rates—Payable in Advance

6 months.....\$3.00 1 year.....\$5.00 2 years.....\$8.00

We also publish the DAILY PACIFIC BUILDER

\$1.25 per month — \$12.00 per year

LARSEN'S ADVANCE CONSTRUCTION REPORTS—Prices on Application
BUILDING LAWS OF SAN FRANCISCO

Official Proposals

NOTICE TO CONTRACTORS

(Oakland High School Gymnasium)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211 City Hall, Oakland, California, until Tuesday, the 24th day of January, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Oakland High School Gymnasium of the Oakland High School District, located on the Southwest corner of Park Boulevard and Hopkins Street, in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars, but for all bids of less than Fifty Thousand (\$50,000.00) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 24th day of January, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of
Oakland, California.

NOTICE TO CONTRACTORS

(Oakland High School Shop Building)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211 City Hall, Oakland, California, until Tuesday, the 24th day of January, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Oakland High School Shop Building of the Oakland High School District, located on the southwest corner of Park Blvd. and Hopkins St., in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Superintendent of Buildings, 337 17th St., Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars, but for all bids of less than Fifty Thousand (\$50,000.00) Dollars said check shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 24th day of January, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of
Oakland, California.

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, February 7, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erec-

tion and completion of the addition to Industrial Shop Building, Industrial Home, Adult Blind, Oakland, California, in accordance with plans and specifications therefor copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Industrial Shop Building is now a one-story brick building with interior frame construction and composition roof. The new work consists of the addition of a second story of frame and stucco construction and tile roof and alterations to the existing work. Plumbing, Heating and Electrical work is included.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for addition to Industrial Shop Building, Industrial Home, Adult Blind, Oakland, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall,

State Architect.

B. B. MEEK,

Director of Public Works.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, University of California at 855 North Vermont Avenue, Los Angeles, California, at or before 10:00 A. M., February 2, 1928, for the general construction of the Chemistry Building and the Physics Building on the Westwood Campus at the University of California at Los Angeles.

Drawings and Specifications, Instructions to Bidders and Form of Proposal may be obtained by General Contractors at the Office of the Comptroller at 855 North Vermont Avenue, Los Angeles, California, on deposit of One Hundred and 00/100 (\$100.00) Dollars for each set of Drawings and Specifications. Deposits will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bid will be considered unless accompanied by a certified check or bid bond of an acceptable surety company in favor of the undersigned, equal to ten per cent (10%) of the bid, to secure the execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

NOTICE TO CONTRACTORS

(Vine Hill School District—Contra Costa County)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Vine Hill School District, Martinez, Contra Costa County, California, at the present Vine Hill Grammar School, until two o'clock P. M., January 24th, 1928, for the erection of a school building to be built in Vine Hill, Contra

MASTER QUANTITY SURVEYOR
For Contractors
GENERALS AND BRANCHISTS
ARTHUR PRIDDLE, A. I. Q. S.
693 Mission St., at Third
San Francisco, Calif.
Telephone Douglas 8493
Valuation Engineer
Accredited Appraiser
GENERAL LISTING BUREAU

Costa County, California, according to plans and specifications prepared for the same by Coffman-Sahlgren-Stafford, the authorized architects.

Bids will be received for the work complete, with alternate propositions.

Plans and specifications can be seen during office hours at the office of the Clerk of said Board at Vine Hill, California, and may be seen at or obtained from the office of the Architects, 602 Plaza Building, Sacramento, California.

A cash deposit of \$25.00 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the return of the same.

All bids shall be presented on blank forms which may be procured from the office of the Architects.

Each bid shall be accompanied by a certified check on some responsible California bank for a sum not less than ten per centum (10%) of the amount of the bid, made payable to Miss E. S. Vance, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days after the award is made enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work, and in case the bidder to whom the contract is awarded fails to, or refuses to enter into said agreement, or to furnish said bonds, said check shall be forfeited to the said School District, in the manner provided by law. The Board of Trustees will not accept a Bidder's bond in lieu of a certified check.

Each bid must be enclosed in a sealed envelope and addressed to Miss E. S. Vance, Clerk of the Board of Trustees, Vine Hill School District, and endorsed "Proposal for Building School."

The Board of Trustees expressly reserves the right to reject any or all bids and to waive any informality in any bid received and to continue the award of the contract at the pleasure of the Board.

By order of the Board of Trustees, Vine Hill School District.

By MISS E. S. VANCE, Clerk.

NOTICE TO BIDDERS

(Street Sweeper—Santa Barbara)

Sealed proposals or bids will be received by the undersigned up to 11 o'clock A. M. on the 19th day of January, 1928, to be opened at 2:30 P. M. of said day in the Council Chamber of the City of Santa Barbara, for furnishing the said city with a Motor Street Sweeper.

Information and specifications may be obtained upon application to the undersigned in the City Hall of said city.

A certified check or bidder's bond, made payable to the Mayor of the City of Santa Barbara, in the sum of ten per cent of the total amount of the bid, must accompany each proposal as an evidence of good faith and a guarantee, if awarded contract, the bidder will execute a contract and give bond as required.

The right is reserved to reject any and all bids.

CARL E. HASSE, Purchasing Agent, City of Santa Barbara, California.

NOTICE TO CONTRACTORS

(C. I. Pipe—Corcoran, Calif.)

Notice is hereby given that sealed bids will be received by the City Clerk of the City of Corcoran, County of Kings, State of California, at the City Hall in the City of Corcoran, County and State above mentioned up to and until 8 o'clock P. M., January 16, 1928, for furnishing the said City of Corcoran the following described material:

1056 feet of 6 inch B. & S. Class "B" Cast Iron Pipe.

352 feet of 4 inch B. & S. Class "E" Cast Iron Pipe.

Each bid must be accompanied by a certified or cashier's check in a sum of not less than 10 per cent of the amount bid, payable to the City of Corcoran as evidence of good faith on the part of the bidder.

The City Council reserves the right to reject any or all bids, or to accept the bid considered by them best for the said City of Corcoran.

Corcoran, California, January 5, 1928.

JAS. C. CONDON, Clerk of the City of Corcoran, County of Kings, State of California.

NOTICE TO CONTRACTORS

(Lagunitas School District—Marin Co.)

Notice is hereby given that the board of trustees of Lagunitas School District will, on Monday January 23, 1928, at the hour of 8 o'clock p. m., at the school house of Lagunitas School District, at Lagunitas, Cal., receive and open bids for the construction of a school house, according to plans and specifications, rules and forms of bids prepared by A. A. Cantin, architect of said Lagunitas School District, all of which may be obtained at the office of said architect, Flatiron Bldg., Sutter and Market streets, San Francisco, Cal., on deposit of ten dollars, to be refunded on return of said plans and specifications.

All bids shall be accompanied by a certified check for ten per cent of the bid, which shall be forfeited if the successful bidder refuses to sign the contract or furnish a faithful performance bond, to be prepared by the district, for twenty-five per cent of the contract price, and the statutory public work bond for the benefit of laborers and materialmen.

All bids shall be submitted on forms of bids prepared by said A. A. Cantin, containing alternative bids and offers, any one of which for any part of the work may be rejected, and that part of the work eliminated from the contract.

The board reserves the right to reject any and all bids.

Dated January 7, 1928.

E. B. GARDNER, Clerk of the Board of Trustees of Lagunitas School District.

NOTICE TO CONTRACTORS

Dunsmuir Joint Union High School Dist.

Notice is hereby given that sealed bids will be received by the Trustees of Dunsmuir Joint Union High School, Dunsmuir, Siskiyou County, California, at the office of the principal of the high school, at Dunsmuir, California, until 7:30 P. M., February 3rd, 1928, for the erection of a Dunsmuir Joint Union High School building, to be built at Dunsmuir, California, according to the plans and specifications prepared by Starks & Flanders, the authorized architects.

Bids will be received for the various branches of the work, as follows: For the general work as one contract; for the electrical work, heating and plumbing as separate contracts.

Plans and specifications will be on file at the office of the Clerk of the Trustees of said Dunsmuir Joint Union High School, at the High School Building in Dunsmuir, and may be seen at or obtained from the office of the Architects, Starks & Flanders, Ochsner Bldg., Sacramento, California. A cash deposit of \$10.00 will be required from all prospective bidders on all copies of plans and specifications loaned out as a guarantee of the return of the same.

Each bid must be accompanied by a certified check for a sum not less than ten per centum of the amount of the bid, made payable to Clara J. Hanna, Clerk of the Board of Dunsmuir Joint Union High School Trustees, as a guarantee of good faith that the parties to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work; and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement or to furnish said bonds, said check will be forfeited to said Dunsmuir Joint Union High School District in the manner provided by law.

The Board of Trustees will not accept a bidders bond in lieu of a certified check; each bid must be enclosed in a sealed envelope and addressed to Clara J. Hanna, Clerk of the Board of Trustees of the Dunsmuir Joint Union High School, Dunsmuir, California, and endorsed: "Proposal for Building Dunsmuir Joint Union High School Building at Dunsmuir, California."

The Board of Trustees expressly reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Board of Trustees of Dunsmuir Joint Union High School District, Siskiyou County, California.

Dated January 3, 1928.

GEO. M. TAYLOR, Chairman.

Attest: CLARA J. HANNA, Clerk.

NOTICE TO CONTRACTORS

General Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento California, up to 2 o'clock P. M., Tuesday, January 24, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the General Work, Employees Building and Garage, Pacific Colony, Spadra, California, in accordance with plans and specifications therefor copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento California.

The Employees Building will be a two-story building with reinforced concrete exterior walls, tile roof and reinforced concrete and frame interior construction.

The Garage will be of reinforced concrete construction, with composition roof and wire partitions.

General Work will include all manner of work except Plumbing, Heating and Electrical Work. Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Employees Building and Garage, Pacific Colony, Spadra, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDUGALL, State Architect.

B. B. MEEK, Director of Public Works.

NOTICE TO CONTRACTORS

ADVERTISEMENT

Milton, Oregon—December 30, 1927

Sealed proposals will be received at the office of the Business Manager, Milton, Oregon, until 7:30 P. M., January 23, 1928, for wood stave pipe, erected in place, or staves and bands, delivered, separately, the City to provide for construction thereof by separate contract, also trench excavation as follows:

19,300 linear feet of 48-inch I. D. creosoted Douglas fir, or untreated redwood, stave pipe, staves 1 1/2 inches thick, constructed in place, with 12-6" C. I. saddles, and staves and bands for 400 ft. extra length.

Or delivering f. o. b. cars Milton, Oregon, 559,790 ft. B. M. of creosoted Douglas fir staves for 48-inch I. D. or untreated redwood staves, 1 1/2 inches thick, also 11,600 ft. B. M. of untreated fir or redwood staves in addition thereto, also

41,200 one-half inch, one-piece, bands, with shoes, washers and nuts, complete, also

Separate proposals for delivering material and erecting pipe; also for

Trench excavation, including approximately 26,000 cu. yds. of common excavation, 6000 of solid rock and 18,000 of back-fill,—all as more particularly set forth in general plans, specifications and proposal blanks, which can be had upon application to the undersigned, and all proposals shall conform thereto.

Each application for proposal blanks, plans and specifications shall be accompanied by a check for \$5.00, made out in the name of John H. Lewis, Engineer, which check will be held by the undersigned and returned if a bid in regular form is submitted within the time limit, otherwise to go to the Engineer to cover cost of plans.

By order of the City Council.

F. A. FULLERTON, Business Manager.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

26	Anderson	Owner	8000
27	Beck	Mann	4000
28	Bernie	Owner	8000
31	Griffin	Owner	2500
29	Cavallero	Montani	2000
30	Godeau	Hughes	4000
32	Haase	Owner	5000
33	Heffernan	Barrett	5000
34	Mercantile	Collupy	15000
35	Metcalf	Owner	3500
36	Pacific Electric	Owner	3500
37	Rasmussen	Owner	27000
38	Ravoglioli	Owner	3000
39	Crane	Owner	8000
40	Meyer	Owner	4500
41	Swanson	Owner	5000
42	Cook	Lang	3200
43	Besio	Owner	4000
44	Castle	Horn	12000
45	Frye	Frye	4500
46	Tiedemann	Moller	45000
47	Meyer	Owner	8000
48	Castle	Horn	32000
49	Frye	Frye	9000
50	McKenzie	Owner	4000
51	Y M C A	Parker	—
52	Cornely	Peterson	2000
53	Elf	Owner	4000
54	St. Mary's	Johnson	4000
55	Michael	Owner	4000
56	Haglund	Owner	4000
57	Giller	Owner	4000
58	Nelson	Wold	4000
59	Cerruti	Owner	20000
60	Pucci	De Lucchi	8000
61	Elkington	Owner	8000
62	De Benedetti	Owner	12000
63	Kari	Owner	8900
64	Giller	Owner	15000
65	Hueter	Zwieg	24000
66	Peterson	Owner	4000
67	De Martini	Owner	2500
68	Hansen	Coburn	1000
69	Wiehle	Wiehle	1000
70	Samuelson	Owner	6000
71	Retefeld	Borgen	2000
72	Johnston	Henderson	5000
73	Bergstrom	Wold	30000
74	Russi	Owner	60000
75	Stoneson	Owner	15000
76	McCormick	Owner	28000
77	McMillan	Owner	6000
78	Turri	Owner	3500
79	Callogy	Owner	4000
80	Hart	Owner	5000
81	Lamothe	Owner	4000
82	Marian	Owner	225000
83	Allsbrook	Owner	9000
84	Manning	Owner	19000
85	Volkman	Stockholm	50000

DWELLINGS

(26) E TWENTY-SIXTH AVE 175 and 200 N Santiago. Two one-story and basement frame dwellings.
Owner—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—None. \$1000 ea

DWELLING

(27) E EIGHTEENTH AVE 200 S Taraval. One-story and basement frame dwelling.
Owner—Adelaide E. Beck, 560 Magellan Ave., San Francisco.
Architect—None.
Contractor—Mann Construction Co., 732 Taraval St., San Francisco. \$4000

APARTMENTS

(28) NE TWENTY-FIFTH AND HARRISON. Two-story and basement frame (4) apartments.
Owner—David Bernie, 50 Cotter St., San Francisco.
Architect—None. \$8000

(29) NO. 1700 UNION ST. Repair fire damage.
Owner—John Cavallero, 1700 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—S. Montani, 1733 Greenwich St., San Francisco. \$2000

DWELLING

(30) E BRIGHT 150 S Sargent. One-story and basement frame dwelling.
Owner—Julius Godeau, 41 Van Ness Ave., San Francisco.
Architect—None.
Contractor—W. F. Hughes, 153 Alexander Ave., Daly City. \$4000

ALTERATIONS

(31) E VALENCIA 236 S. Twenty-second. Remodel store fronts and alter second story into (2) apartments.
Owner—F. Griffin, 1051 Valencia St., San Francisco.
Architect—G. A. Berger, 309 Valencia St., San Francisco. \$2500

BUNGALOW

(32) NW TURK AND MASON. Erect Class A bungalow on roof of present building.
Owner—A. Haase, 1375 Potrero Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$5000

WAREHOUSE

(33) S HARRISON 101 W Fourth St. One-story reinforced concrete warehouse.
Owner—J. J. Heffernan, 918 Harrison St., San Francisco.
Architect—E. A. Eames, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$5000

ALTERATIONS

(34) NW TWENTIETH AVE AND Irving. Alter and remodel building for branch banking quarters and stores.
Owner—Mercantile American Realty Co., 464 California St., San Francisco.
Architect—None.
Contractor—R. C. Collupy, 464 California St., San Francisco. \$15,000

DWELLING

(35) S FLOURNEY ST. 150 W Rhine. One-story and basement frame dwlg.
Owner—J. Metcalf, 4688-A Mission St., San Francisco.
Architect—None. \$3500

ADDITIONS

(36) S CARROLL AVE 111 W Jennings. Additions to foundry building.
Owner—Pacific Electric Mfg. Co., 5815 Third St., San Francisco.
Architect—Owner. \$2500

APARTMENTS

(37) E SCOTT 55 N Beach. Three-story and basement frame (12) apartments.
Owner—Viggo Rasmussen, % Architect.
Architect—Albert H. Larsen, 447 Sutter St., San Francisco. \$27,000

DWELLING

(38) SE SILLMAN 60 NE Bowdin St. One-story and basement frame dwlg.
Owner—C. Ravoglioli, 2602 San Bruno Ave., San Francisco.
Architect—None. \$3000

STORES

(39) N WEST PORTAL Ave 95 E Vincente, 1-story and basement (3) store bldg.
Owner—Myrl R. Crane, 180 Santa Ana Ave.
Architect—None. \$8000

DWELLING

(40) SW 41ST AVE and Clement st; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola dr.
Architect—None. \$4500

DWELLING

(41) E 18th AVE 99.10 N Rivera. One-story and basement frame dwelling.
Owner—Oscar Swanson, 3539 Market St.
Architect—None. \$5000

DWELLING

(42) E DIAMOND St. 111 N Sussex st; 1-story and basement frame dwelling.

Owner—Mrs. Selma Cook, 288 Chattanooga.
Architect—None.
Contractor—Albert Lang, 330 Chattanooga street. \$3200

DWELLING

(43) SE VIENNA 100 S Russia, 1-story and basement frame dwelling.
Owner—Lorenzo Besio, 439 Lisbon st.
Architect—None. \$4000

DWELLINGS

(44) W CAMELLIA 182.8, 212.5 N Silver ave. and Castle Manor ave., three 1-story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000 each

DWELLING

(45) W FORTY-SECOND AVE 75 N Cabrillo. One-story with airplane room and basement frame dwelling.
Owner—Corrine Frye, 1990 Green St., San Francisco.
Architect—None.
Contractor—J. A. Frye, 1990 Green St., San Francisco. \$4500

PACKING HOUSE

(46) W LANGTON 275 S Bryant. Two-story and mezzanine reinforced concrete packing house.
Owner—Tiedemann & Harris, 780 Folsom St., San Francisco.
Architect—D. A. Kiedy, 821 Market St., San Francisco.
Contractor—Fred Moller, 185 Stevenson St., San Francisco. \$45,000

DWELLINGS

(47) S AGUA WAY 103 and 135 E Chaves Ave. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None. \$4000 each

DWELLINGS

(48) N CASTLE MANOR AVE 90, 115 and 140 W Mission St.; S Castle Manor Ave 90, 115, 140, 165 and 190 W Mission. Eight one-story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St., San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000 each

DWELLINGS

(49) W FORTY-SECOND AVE 125 and 150 N Cabrillo. Two two-story and basement frame dwellings.
Owner—Corrine Frye, 1990 Green St., San Francisco.
Architect—None.
Contractor—J. A. Frye, 1990 Green St., San Francisco. \$4500 each

DWELLING

(50) E TWENTY-FIFTH AVE 125 N Moraga. One-story and basement frame dwelling.
Owner—W. H. MacKenzie, 12 Chattanooga St., San Francisco.
Architect—L. E. Hansberry, 1271 O'Farrell St., San Francisco. \$4000

HOTEL

(51) S TURK 137-6 W Leavenworth St. Twelve-story Class A hotel building.
Owner—Y. M. C. A Hotel Co., 220 Golden Gate Ave., San Francisco.
Architect—Frederick W. Meyer, 742 Market St., San Francisco.
Contractor—K. E. Parker Co., 135 South Park, San Francisco. \$—

ALTERATIONS

(52) NO. 1452 BUSH ST. Alter and remodel show rooms and offices.
Owner—E. A. Cornely, Premises.
Architect—None.
Contractor—Ivar D. Peterson, 2079 15th St., San Francisco. \$2000

DWELLING
(53) NE SOUTH HILL BLVD. AND Rolph. One-story and basement frame dwelling.
Owner—Victor Elm, 912 Geneva Ave., San Francisco.
Architect—None. \$4000

DWELLING
(54) W AGNON AVE 101 N Justin Drive. One-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St., San Francisco.
Architect—D. E. Jackle, 3901 Mission St., San Francisco.
Contractor—A. R. Johnson, 3901 Mission St., San Francisco. \$4000

DWELLING
(55) W SHRADER 160 S Seventeenth. One-story and basement frame dwlg.
Owner—Michael & Bomerer, 762 De Haro St., San Francisco.
Architect—None. \$4000

DWELLING
(56) NW CONCORD AND MORSE STS. One-story and basement frame dwelling.
Owner—Karl Haglund, 5100 Mission St., San Francisco.
Architect—None. \$4000

DWELLING
(57) E HERNANDEZ 93 S Woodside. One-story and basement frame dwlg.
Owner—R. E. Giller, 478 Vernon St., San Francisco.
Architect—None. \$4000

DWELLING
(58) W CAMBRIDGE 125 N Stillman. One-story and basement frame dwlg.
Owner—Peter Nelson, 721 Brussels St., San Francisco.
Architect—None.
Contractor—J. L. Wold, 153 Oxford St., San Francisco. \$4000

TANK, ETC.
(59) E TAYLOR bet. Greenwich and Lombard Sts. Erect reinforced concrete tank and tile tub baths.
Owner—Edward Cerruti, 775 Lombard St., San Francisco.
Architect—E. Sisson. \$20,000

FLATS
(60) SW WHEAT ST. AND PAUL AVE. Two-story and basement frame (2) flats.
Owner—D. Pucci, 16 Ware St., San Francisco.
Architect—Edward J. O'Conner, 346 Woolsey St., San Francisco.
Contractor—D. DeLucchi, 625 Brussels St., San Francisco. \$8000

DWELLINGS
(61) W FOURTEENTH AVE 25 AND 50 N Vicente. Two one-story and basement frame dwellings.
Owner—C. J. Elkington & Sons, 1291 33rd Ave., San Francisco.
Architect—None. \$4000 each

DWELLING
(62) SE BRAZIL AND LONDON. Two-story and basement frame dwelling.
Owner—A. De Benedetti, 22 Cotter St., San Francisco.
Architect—None. \$12,000

DWELLINGS
(63) E SEVENTEENTH AVE 125 and 150 N Vicente. Two one-story and basement frame dwellings.
Owner—B. Kari, 800 Ulloa St., San Francisco.
Architect—None. \$4000 each

DWELLINGS
(64) SW WAWONA & VINCENTE and W 45th Ave 25, 50, 75 and 100 N Wawona. Five one-story and basement frame dwellings.
Owner—R. E. Giller, 478 Vernon St., San Francisco.
Architect—None. \$3000 ea

DWELLINGS
(65) E APTOS 60.49, 110.49 and 162.49 S Darien Way. Three two-story and basement frame dwellings.
Owner—E. C. and O. M. Hueter, Flatiron Bldg., San Francisco.
Architect—H. G. Stoner, 810 Ulloa St., San Francisco.
Contractor—Walter C. Zwieg, 450 Upland Drive, San Francisco. \$8000 ea

SHEDS
(66) BLOCK BDED BY DAVIDSON, Evans, Quint and Rankin. Two one-story frame open sheds.

Owner—E. T. Peterson, Evans & Quint St., San Francisco.
Architect—None. \$2000 each

DWELLING
(67) S SEARS 200 W Lawrence. One-story and basement frame dwelling.
Owner—William De Martini, 1144 Treat Ave., San Francisco.
Architect—None. \$2500

REPAIRS
(68) NO. 55 PALM AVE. Repair fire damage.
Owner—M. Hansen, 666 Mission St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 666 Mission St., San Francisco. \$1000

ALTERATIONS
(69) NO. 19 BURNSIDE AVE. Alter and remodel dwelling.
Owner—Robert Wiehle, 418 Locust St., San Francisco.
Architect—None.
Contractor—H. Wiehle, 418 Locust St., San Francisco. \$1000

APARTMENTS
(70) N GENEVA AVE 50 W Edinburgh. Two-story frame apartment and store building.
Owner—A. M. Samuelson, 901 Geneva Ave., San Francisco.
Architect—None. \$6000

ALTERATIONS
(71) NO. 2849 GREENWICH. Alter and remodel apartments.
Owner—A. L. Retefeld, 2874 Greenwich St., San Francisco.
Architect—None.
Contractor—J. Borgen, 435 S-Second St. Richmond. \$2000

ALTERATIONS
(72) NO. 2855 PACIFIC AVE. Alter and remodel dwelling.
Owner—Studebaker Johnston, Premises.
Architect—Willis Polk & Co., 277 Pine St., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco. \$5000

ADDITION
(73) NE VAN NESS AVE AND JACKSON. Add one story to Class A medico dental office building.
Owner—A. H. Bergstrom Co., New Call Bldg., San Francisco.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco.
Contractor—C. L. Wold Co., 185 Stevenson St., San Francisco. \$30,000

THEATRE
(74) NW GENEVA AVE AND PARIS. One-story reinforced concrete theatre and store building.
Owner—F. B. Russi, 839 London St., San Francisco.
Designer—R. P. Davis, 961 Geneva Ave., San Francisco. \$60,000

DWELLINGS
(75) N BRENTWOOD 112, 538 and 581 E Los Palmos. Three one-story and basement frame dwellings.
Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$5000 each

APARTMENTS
(76) E OCTAVIA 100 N Lombard. Three-story and basement frame (12) apartments.
Owner—McCormick Realty Co., 46 Kearny St., San Francisco.
Architect—None. \$28,000

DWELLING
(77) NW FORTY-SIXTH AVE AND Kirkham. Two-story and basement frame dwelling.
Owner—Robert McMillan, 135 16th Ave., San Francisco.
Architect—None. \$6000

DWELLING
(78) W BRIGHTON AVE 125 S Grafton. One-story and basement frame dwlg.
Owner—Caesar Turri, 119 Brighton Ave., San Francisco.
Architect—None. \$3500

DWELLING
(79) S ULLOA 108 W Dorchester. One-story and basement frame dwelling.
Owner—M. A. Callogy, 763 Ulloa St., San Francisco.
Architect—C. A. Johnson, 1385 8th Ave., San Francisco. \$4000

RESIDENCE
(80) S TARAVAL 32-6 W Seventeenth Ave. One-story and basement frame store and residence.
Owner—Pierce Hart, 716 Taraval St., San Francisco.
Architect—None. \$5000

DWELLING
(81) N CUMBERLAND 155 W Sanchez. One-story and basement frame dwlg.
Owner—Henry Lamothe, 668 Clay St., San Francisco.
Architect—None. \$4000

APARTMENTS
(82) NE PACIFIC AVE AND LAGUNA St. Six-story, basement and sub-basement reinforced concrete (48) apartments.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—D. D. Stone, 354 Hobart St., Oakland. \$225,000

DWELLINGS
(83) NW ARAGO 160 and 186 SW Paulding. Two one-story and basement frame dwellings.
Owner—E. Allsebrook, 1127 Munich St., San Francisco.
Architect—None. \$4500 ea

APARTMENTS
(84) SE FORTY-FIRST AVE AND Anza. Three-story and basement frame (9) apartments.
Owner—Manning Baldwin Co., 485 14th St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$19,000

RESIDENCE
(85) N BROADWAY bet. Lyon and Baker. Three-story and basement frame residence.
Owner—Mrs. Daniel Volkmann, 1756 Broadway, San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Chas. Stockholm & Sons, Hearst Bldg., S. F. \$50,000

BUILDING CONTRACTS
San Francisco County

1 Regents	Vogt	4884
6 Cook	Lang	3500
8 Cornely	Peterson	2082
9 Voorman	American	2400
10 Voorman	Frankel	1690
11 Cook	Lang	3500
12 Riding	Hinson	14665
13 Mercantile	Draga	4785
14 Same	Dietlin	1034
7 Hildebrecht	Magill	2000
BUNGALOW		
(6) E DIAMOND 115 N Sussex, 25x100.	All work for six-room bungalow.	
Owner—Selma Cook, 288 Chattanooga St., San Francisco.	Architect—None.	
Contractor—Albert Lang, 39 Sutter St., San Francisco.	Filed Jan. 5, '28. Dated Jan. —, '28.	
Plans completed	\$250.00	
Roof on	812.50	
Brown coated	812.50	
Roof on	812.50	
Usual 35 days	812.50	
TOTAL COST,		\$3500.00
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.		
ALTERATIONS		
(7) SE BUSH AND KEARNY. All work for remodeling part of first floor of auto building.	Owner—Minnie Hildebrecht, 381 Bush St., San Francisco.	
Architect—Weeks & Day, Financial Center Bldg., San Francisco.	Contractor—Chas. T. Magill, 185 19th Ave., San Francisco.	
Filed Jan. 7, '28. Dated Jan. 6, '28.	Completion of plaster partitions. \$833.33	
Completed and accepted	833.33	
Usual 35 days	833.33	
TOTAL COST,		\$2500.00
Bond, limit, forfeit, none. Plans and specifications filed.		
ADDITION		
(8) 1452 BUSH ST. all work alterations and additions to bldg.	Owner—E. A. Cornely Inc., 1452 Bush st.	
Architect—None.	Contractor—Ivar D. Peterson.	

Filed Jan. 9, 1928. Dated Jan. 6, 1928
Work half completed \$780.50
Completed and accepted 780.50
30 days after completion 521
TOTAL COST \$2082

Bond, limit, forfeit, none; plans and spec. filed.

ELECTRICAL

(9) W FIFTH and Folsom sts. NW 160 x SW 275; electrical work for building. Owner—The Voorman Co., 593 Market st. Architect—None.

Contractor—American Electrical Engineering Co., 1702 Washington st., San Francisco.

Filed Jan. 10, 1928. Dated Dec. 2, 1927
Monthly 75%
36 days after 25%
TOTAL COST \$2100

Bond \$600; sureties, Great American Indemnity Co; limit, 60 days; forfeit, none; plans and spec., none.

(10) PLUMBING ON ABOVE.

Contractor—Frankel & Houston, 415 Stevenson st., S. F.

Filed Jan. 10, 1928. Dated Jan. 10, 1928
Monthly 75%
36 days after 25%
TOTAL COST \$1690

Bond \$422.50; sureties, Detroit Fidelity & Surety Co; limit 60 days; forfeit, none; plans and spec., none.

BUILDING

(11) LOT 15 BLK 7, Castro St. Addition and Glen Park Terrace. All work for frame building.

Owner—Selma Cook, 288 Chattanooga St., San Francisco.

Architect—None.
Contractor—Albert Lang, 288 Chattanooga St., San Francisco.

Filed Jan. 11, '28. Dated Jan. 9, '28.
Building enclosed 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days. 1/4
TOTAL COST, \$3500

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING

(12) N TEHAMA 75 W Fourth. All work for two-story building.

Owner—R. T. Riding and W. H. McKibben, 110 Sutter St., San Francisco.

Architect—Geo. E. Ralph, 110 Sutter St., San Francisco.

Contractor—Louis A. Hinson, 756 4th Ave., San Francisco.

Filed Jan. 11, '28. Dated Jan. 10, '28.
On 10th of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$14,665

Bond, none. Limit, Feb. 11, 1928. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(13) NW TWENTIETH AVE AND Irving 100 on Irving by 75 on 20th Ave. Excavating, concrete, reinforcing, rough carpenter and setting of finished carpenter work for alterations and remodeling building.

Owner—Mercantile American Realty Co., 464 California St., San Francisco.

Architect—None.
Contractor—A. Draga, 21 Brompton Place San Francisco.

Filed Jan. 11, '28. Dated Jan. 3, '28.
On 1st of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$4785

Bond, \$2392.50. Surety, Indemnity Ins. Co. Limit, forfeit, none. Plans and specifications filed.

ADDITION

(14) PAVING, LATHING, PLASTERING and metal corner beads on above. Contractor—Eugene Dietlin, 920 Faxon St., San Francisco.

Filed Jan. 11, '28. Dated Jan. 6, '28.
Payments same as above. 75%
TOTAL COST, \$1034

Bond, \$517. Surety, Indemnity Ins. Co. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

San Francisco County

Recorded Accepted
Jan. 6, 1928—NE SLOAT BLVD AND Forty-sixth Ave N 60 m or 1 by E 16. Jacob Weissbein Inc to Louis J. Cohn Jan. 5, 1928
Jan. 5, 1928—S CLIFFORD 193 E Ash-

bury E 50 David and Jane C Hughes to Thos M Jones, Dec. 22, 1927
Jan. 5, 1928—E CHURCH 275 N Randall, Catherine Jensen to Henry Erickson, Dec. 31, 1927
Jan. 5, 1928—S 15th 75 E SHARON E 25 x 100. McCarthy & Johansen, Jan. 6, 1928

Jan. 5, 1928—N 30TH 180 W NOE W 125 x N 114. San Francisco Home Bldg Co to whom it may concern, Jan. 3, 1928

Jan. 5, 1928—NE COR BUENA VISTA Terrace and 15th st, 32 x 100; James E Joyner to Edw Stone, Jan. 3, 1928

Jan. 5, 1928—E 29TH AVE 200 N Santiago N alg 29th ave 25 x E 120. Geo O Bendon to whom it may concern, Jan. 4, 1928

Jan. 5, 1928—SW GUTTENBERG 136.4 E Morse being lot 3 blk 6475 map West End Hd Assn. Victor Bjorkman to whom it may concern, Jan. 5, 1928

Jan. 5, 1928—NW MORAGA AND Twenty-fourth Ave N 25xW 95. Sunset District Building Co to whom it may concern, Jan. 4, 1928

Jan. 5, 1928—NW CLEMENTINE 400 SW Fifth SW 25xNW 75 Ptn 100 V Lot 205. William D Cashel to whom it may concern, Jan. 5, 1928

Jan. 5, 1928—NO. 19, 21, 23, 25, 27 Fout Ave being E Fout Ave about 75 S Twin Peaks Blvd. E C Hegler to Morrell & Hegler, Dec. 15, 1927

Jan. 6, 1928—NE FLORIDA AND Precita Ave NE alg Precita Ave 27-05/8 N 82-11/8 W 25-03/8 S 95-7/8 to pt beg. Antonio G Minor to J Arvid Johnson, Jan. 4, 1928

Jan. 6, 1928—W RALSTON 275 N Randolph N 25xW 100 Lot 41 Blk 15 City Land Assn. Anna K Todd fmly Johnson to Isaacson Nylund, Jan. 4, 1928

Jan. 9, 1928—E 12TH AVE 100 N Geary 25 x 120. Walter G Vadden to whom it may concern, Jan. 6, 1927

Jan. 9, 1928—E POWELL 87.6 S Bush S alg Powell 50 x E 137.6, Regents of University of California to Stephenson Construction Co, Jan. 4, 1928

Jan. 9, 1928—S FARRALONES 515.1/2 E Orizaba known as 211 Farralones. F J & Belle Davis to whom it may concern, Jan. 7, 1928

Jan. 9, 1928—NE POST & PIERCE ST Pavilion Ice Rink Co to D J Sullivan, Jan. 9, 1928

Jan. 9, 1928—E LANDERS 160 S 14th E 125 S 25 W 125 N 25. Giovanni and Louisa Costa to Virgil Masarie and Andrew Cuneo, Jan. 3, 1928

Jan. 9, 1928—LOT 33 BLK 2817 Forest Hill Court known as 50 Ventura ave Frank & Wm Heidenreich to whom it may concern, Jan. 9, 1928

Jan. 9, 1928—W MASONIC AVE 50 N Page N alg W Masonic ave 125 x W 108 S 37.6 W 125.2 S 137.6 to N Page E alg N Page 125.3 N 50 E 108 to beg Roman Catholic Archbishop of S F to Mullen Manufacture Co, Dec. 29, 1927

Jan. 7, 1928—E 29TH AVE 150 S Kirkham. P S Miller to whom it may concern, Jan. 5, 1928

Jan. 7, 1928—S SADOWA 146.6 E Orizaba ave rung alg S Sadowa 25 x S 125 ptn blk C Railroad Hd Assn. James J Cronin Jr to P Gavazza, Jan. 6, 1927

Jan. 7, 1928—W 26TH AVE 175 N Santiago 25 x 120. David H & Lillie Douglas to Samuel Douglas, Jan. 4, 1928

Jan. 7, 1928—E MISSION 95 N 20TH N alg E Mission 165 x E 245 to pt on W Capp. George S. Sarah C, Grace M and Samuel M Crim to Larsen & Larsen, Dec. 27, 1927

Jan. 7, 1928—E MUNICH 225 S EXCELSIOR. Isaacson & Nylund to whom it may concern, Jan. 7, 1928

Jan. 6, 1928—LOT 4 BLK O MAP SUB ppy Mission Street Land Co. Robert Neil to whom it may concern, Jan. 4, 1928

Jan. 6, 1928—N 25TH 100 E HOMEstead 25 x 85. John Dall to whom it may concern, Jan. 6, 1928

Jan. 10, 1928—SE SILVER AVE 81 NE Oxford NE 27 SE 53.29 to Pioche SW 26.666 NE 58.05, SE Silver ave 108 NE Oxford NE 27 SE 48.54 to Pioche SW 26.666 NE 53.29, SE Silver ave 135 NE Oxford NE 27.52 SE 43.78 to Pioche SW 26.666 NE 48.54. Tony Damico to whom it may concern, Jan. 10, 1928

Jan. 10, 1928—LOCATION NOT GIVEN Mr. and Mrs. F Klingenfuse to Henry Erickson, Jan. 7, 1928

Jan. 10, 1928—SW RUDDEN AVE 250 SE Delano Ave SE 25 m or 1 SW 101.157 NW 25 NE 101.052. Walter E Hansen to whom it may concern, Jan. 6, 1928

Jan. 10, 1928—W SAN BRUNO AVE 50 S Nineteenth S 25xW 100. Frank Ferrero to G Scarabosio, Jan. 7, 1925

Jan. 9, 1928—W 35th AVE 250 & 275 S Irving S 25 x W 120. Michael S & Mary A Hardiman to whom it may concern, Jan. 9, 1925

Jan. 10, 1928—E 25TH AVE 195 S Ulloa S alg 25th ave 30 x E 120. Axel N Anderson, to whom it may concern, Jan. 9, 1923

Jan. 10, 1928—LOT 12 BLK 2499-A together with parcel of land lying adj to lot 12 desc'd cong pt of intersection of bdy line bet lots 11 and 12 with line Crestlake dr N 47 deg 08 min 20 sec E 38 N 42 deg 51 min 40 sec W 1.50 S 44 deg 49 min 03 sec W 38.031 to N Crestlake dr and pt of beg ptn lot 11 blk 2499-A. Pinelake Park Parkside Realty Co of S F to whom it may concern, Jan. 3, 1928

Jan. 10, 1928—LOT 8 BLK 1326 MAP sub 3 Sea Cliff. Richard P and Mary E Doolan to Jacks & Irvine, Jan. 3, 1928

Jan. 10, 1928—E MASON 70 S Chestnut S alg E Mason 22.6 x E 68. Jennie Evola to Piconi & La Mont, Jan. 6, 1928

LIENS FILED

San Francisco County

Recorded Amount

Jan. 6, 1927—COMG 100 S of intersec. of S Hayes and W line Divisadero rung W and parl with S Hayes 106.3 x N 25 known as 543, 545, 547 Divisadero. Robert Balzke vs B Lazzareschi and W G Martinelli, \$182.30

Jan. 6, 1927—E MASON 70 S CHESTnut S 22.6 x E 68. H & Roofing Co Inc vs La Monte & Co Inc; Frank & Jennie Evola, \$94

Jan. 6, 1927—E ALPINE 100 S Waller S 25 x E 110.5. J P Stewart vs Unit Construction Co, Walter G & Johanna Z A Muspratt, \$260

Jan. 6, 1928—N GREEN 150 E Van Ness ave E alg N Green 35 x N 125. Central Hardware & Glass Co vs William D Shea and Preciosa L Shea, \$251.91

Jan. 6, 1928—N LOMBARD 225 W Steiner W alg N Lombard 50 x N 137.6 ptn W A 400. Newbery Pearce Electric Co vs Antonette Allesandra, Albert & Stella Masaglia, \$1079.28

Jan. 5, 1927—25 x 100 ON NW EDINburgh 225 NE from Avalon ave and also known as lot 15 blk 5956 Assessor's map. Louis Peveri vs Mario and M Risso, \$80

Jan. 5, 1928—LOT 6 BLK 9. Map Forest Hill. Progressive Tile & Mantel Co vs Frank R Hill, \$790

Jan. 5, 1928—LOT 7 BLK 2796 Assessor's Map 150 S of Clarendon Ave on Twin Peaks Blvd also known as No. 228 Twin Peaks Blvd. John Martinelli vs H Stieger and Harry P and Margaret Kavanagh, \$580

Jan. 7, 1928—W DIVISADERO 75 S Hayes W 106.3 x S 25 lot 4 blk 1204 Golden Gate Atlas Materials Co vs E B Lazzareschi, W G Martinelli, \$148.08

Jan. 9, 1928—N PARNASSUS AVE 130-3/4 W Cole N 137.6 x W 50. Progress Floor Co vs John Joseph O'Brien, \$266

Jan. 9, 1928—N VALLEJO 150 E Laguna E 50 x N 137.6. Mission Concrete Co vs Nineteen Fifty Eight Vallejo St Inc, \$10,555.24

Jan. 9, 1928—LOT 1 BLK 2516 bded by Great Highway Wawona 47th ave & Sloat Blvd. L R Baumgartner vs Steigler Inv Co, Parker Construction Co, Mr Krueger, \$75

Jan. 7, 1928—E BRODERICK 37.6 N Bay N 25 x E 87.6. Portman's Planning Mill vs Helen Mae and T R Belmont, \$685.52

Jan. 7, 1928—E BRODERICK 62.6 N Bay N 25 x E 87.6. Portman's Planning Mill vs Helen Mae and T R Belmont, \$685.52

Jan. 7, 1928—E HARTFORD 112.4 S 17th S alg Hartford 25 x E 125 ptn M B 114. Meda Art Tile Co vs Thomas Sontag, \$40

RELEASE OF LIENS

San Francisco County

Recorded Amount
Jan. 10, 1928—1555 OR 31 W 25TH AVE
250 N Moraga N 150 x W 120. Harry
Corbell to Reno P Knoblaue, Fred C
Rakeman and William G Zupar.\$262
Jan. 9, 1928—S ELIZABETH 78.03% W
San Jose ave W 32.4 x S 94.6. Per-
fection Mfg Co. to Wm E and Hattie
J Johnson, V Dobalino.
Jan. 5, 1928—N HAYES 125 W Frank-
lin W 50 x N 120. Western Lime &
Cement Co, Holmes Lime & Cement
Co, The Fernald Co, Louis R Ander-
son to H C and W J Mangels.

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Jan. 10, 1927—E DIVISADERO 150 S
Marina blvd. S alg Divisadero 25 E
106.2 N 15 E 25 N 10 W 131.3 to pt
of beg being ptn W A. 479. Edith W
Griffith; work ceased Dec. 6, 1927.
Jan. 9, 1928—E DIVISADERO 150 S
Marina blvd. S alg Divisadero 25 x
E 106.3 N 15 E 25 N 10 W 131.3.
Edith W Griffith, owner; work ceased
Dec. 6, 1927.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 6, 1928—N O'Farrell bet. Mason and
Taylor (Alcazar Hotel Bldg., 326-30-
36-38 O'Farrell). Samuel Knight as to
improvements on property.
Jan. 5, 1928—SE IRVING AND NINTH
Ave S alg E Ninth Ave 100 E 95 N 25
W 35 N 75 to S Irving W 60 alg S
Irving to E Ninth Ave and pt beg be-
ing Ptn OL 68. John and Martha G
Gerdtas as to improvements on property
Jan. 5, 1928—E MARKET and FOURTH
SE 170 x NE 100. Market Street Realty
Co as to improvements on property.

BUILDING PERMIT APPLICATIONS

Alameda County

13	Rogers	Owner	3200
14	Vonada	Owner	3000
15	Armstrong	Sorensen	5800
16	Ford	Walker	1500
17	Hall	Marshall	2000
18	Johanson	Owner	6400
19	Oak Pub.	Anderson	78200
20	Richards	American	1950
21	Schlessinger	Dinwiddie	6500
22	Van Ness	Owner	2000
23	Correia	Owner	—
24	Bergsten	Owner	5000
25	Herrick	Owner	1000
26	Greuner	Owner	1000
27	Davini	Owner	3000
28	Roberts	Schnebley	1250
29	Rohan	McCormack	9000
30	Langtry	Owner	3750
31	Reiter	Jones	5500
32	Roth	Owner	4000
33	James	Owner	2000
34	Shaw	General	2850
35	Howard	Owner	3500
36	Cardinet	Owner	3000
37	Nichols	Owner	2000
38	Laing	Owner	3000
39	Lapham	Owner	12000
40	Abbott	Thornton	12000
41	Holbrook	Earle	5750
42	Lehman	Owner	3150
43	Trippell	Owner	3800
44	Van Horn	Owner	3900
45	Anderson	Owner	8000
46	Buck	Owner	3500
47	Moe	Owner	6900
48	S P Co	Owner	18000
49	Bratichovich	Owner	2000
50	Bjornson	Reimers	7500
51	Wheat	Owner	6000
52	Sampson	Stolte	35000
53	Young	Wieslander	1900
54	Short	Owner	5500
55	Davis	Owner	13700
56	Kaiser	Davis	9800
57	Dipoli	Owner	4000
58	Key	Owner	3000

59	Thorsen	Frankford	2200
60	Whalen	Owner	4000
61	Scott	Owner	1000

RESIDENCE
(13) 1724 BUENA St., Berkeley; 1-story
5-room residence.
Owner—Rogers & Rogers, 2323 Shattuck
ave., Berkeley.
Architect—None. \$3200

RESIDENCE
(14) 1216 Stannage ave., Berkeley; 1-story
5-room residence.
Owner—J. Vonada, 2805 Acton st., Ber-
keley.
Architect—None. \$3000

ALTERATIONS
(15) 2220 Harold way, Berkeley, altera-
tions.
Owner—Armstrong School of Business.
Architect—None.
Contractor—W. Sorensen, 2940 Piedmont
ave., Berkeley. \$5800

FOUNDATION
(16) E PERALTA St., 25 S 26th st.,
Oakland; foundation.
Owner—Wm. H. Ford, 704 Market st.,
S. F.
Architect—None.
Contractor—P. J. Walker Co., Sharon
Bldg., S. F. \$1500

REPAIRS
(17) 3024-26 DAKOTA St., Oakland; fire
repairs.
Owner—A. B. Hall.
Architect—None.
Contractor—A. F. Marshall, 1126 10th
ave., Oakland. \$2000

DWELLINGS
(18) 2920-26 76TH AVE., Oakland, two
1-story 5-room dwellings and garages.
Owner—K. A. Johanson, 2429 13th ave.,
Oakland.
Architect—None. \$3200 ea.

SCHOOL
(19) NE PATTERSON AVE. & Kansas
st., Oakland; 2-story 10-room con-
crete school.
Owner—Oakland Public Schools, City Hall
Oakland.
Contractor—A. F. Anderson 1093 Long-
ridge rd., Oakland. \$78,200

ALTERATIONS
(20) 529 FOURTEENTH ST., Oakland;
alterations.
Owner—Richards, Inc., 529 14th st., Oak-
land.
Architect—None.
Contractor—Amer. Woodworking Corp.,
2800 20th st., S. F. \$1950

ADDITION
(21) S 16TH ST. 100 E San Pablo ave.,
Oakland; tile addition.
Owner—B. F. Schlessinger & Son, 16th
and San Pablo ave., Oakland.
Architect—None.
Contractor—Dinwiddie Const. Co., Crock-
er Bldg., S. F. \$6500

DWELLING
(22) S SUTTER ST. 100 W Liese ave.,
Oakland; 1-story 4-room dwelling.
Owner—Louise E. Van Ness, 4920 Park
blvd., Oakland.
Architect—None. \$2000

DWELLING
(23) W VALLEJO 200 N Powell st.,
Emeryville; 1-story 5-room dwell-
ing.
Owner—A. E. Correia, 2744 Mathews st.,
Oakland.
Architect—None. \$—

DWELLING
(24) W CABRILLO Ave. 150 S Crest dr.,
Oakland; 1-story 6-room dwelling and
garage.
Owner—E. M. Bergsten, Sequoia rd., Oak-
land.
Architect—None. \$5000

ADDITION
(25) SW 18TH and Campbell sts. Oak-
land; addition.
Owner—Herrick Iron Works, premises.
Architect—None. \$1000

ADDITION
(26) 620 GRAND AVE., Oakland; altera-
tions and addition.
Owner—Wm. M. Greuner, 178 Grand ave,
Oakland.
Architect—None. \$1000

DWELLING
(27) W 9TH AVE. 100 E E-22nd st., Oak-
land; 1-story 4-room dwelling.
Owner—Dan Davini, 3rd ave and E-14th
st., Oakland.
Architect—None. \$3000

ALTERATIONS
(28) 525 14TH ST., Oakland; alterations.
Owner—Lee Roberts.
Architect—None.
Contractor—Schnebley & Hostraiser, 6th
and Jackson sts., Oakland. \$1250

STORES
(29) SE 9TH and Webster sts., Oakland;
2-story concrete and tile stores.
Owner—J. Rohan, 9th and Webster sts.,
Oakland.
Architect—None.
Contractor—Wm. J. McCormack, Hotel
St. Mark, Oakland. \$9000

RESIDENCE
(30) 1310 66TH ST., Berkeley; 1-story
6-room residence.
Owner—J. R. Langtry, 739 Aileen st.,
Oakland.
Architect—None. \$3750

DWELLING
(31) W HUMPHREY PL. 300 N Cava-
naugh rd., Oakland; 1-story 5-room
dwelling.
Owner—H. J. Reiter, 5769 Claremont ave.
Architect—None.
Contractor—Carr Jones, 1211 Bonita ave.,
Berkeley. \$5500

DWELLING
(32) NO. 2134 PACIFIC AVE. One-story
five-room stucco finish dwelling.
Owner—Henry Roth, 2141 Pacific Ave.,
Alameda.
Architect—None. \$4000

CLEANING WORKS
(33) NO. 1306-08 LINCOLN AVE., Ala-
meda. Brick cleaning and dyeing
works.
Owner—Robert James, 2014 Buena Vista
Ave., Alameda.
Architect—None. \$2000

BOAT HOUSE
(34) NO. 3309 FERNSIDE BLVD. Ala-
meda. Rustic boards boat house.
Owner—W. Shaw, 3309 Fernside Blvd.,
Alameda.
Architect—None.
Contractor—General Engineering Works,
Ft. of Schiller St., Alameda. \$2850

DWELLING
(35) NO. 1521 SANTA CLARA AVE.,
Alameda. One-story 4-room stucco
finsh dwelling.
Owner—C. C. Howard, 1543 Santa Clara
Ave., Alameda.
Architect—W. W. Dixon, 5th Ave., Oak-
land. \$3500

STORE BLDG.
(36) NO. 1607 & 1611 CHESTNUT ST.,
Alameda. One-story 3-room stucco
finish store building and one-story
brick cleaning and dyeing works.
Owner—Cardinet Cleaning & Dyeing
Works, 1500 Fountain St., Alameda.
Architect—None. Cost, \$1500 ea

DWELLING
(37) S MORGAN 80 W Maple Ave., Oak-
land. One-story 4-room dwelling.
Owner—H. C. Nichols, 4096 Maple Ave.,
Oakland.
Architect—None. \$2000

DWELLING
(38) NO. 2740 E-SIXTEENTH ST., Oak-
land. One-story 6-room dwelling.
Owner—A. L. Laing, 5439 Princeton St.,
Oakland.
Architect—None. \$3000

DWELLING
(39) NO. 927 LARKSPUR ROAD, Oak-
land. Two-story 10-room dwelling.
Owner—A. R. Lapham, 874 Trestle Glenn
Road, Oakland.
Architect—None. \$12,000

J. A. MOHR & SON
General Painting Contractors
Specialists in
**Compressed Air Painting
and Sand Blasting**
San Francisco Oakland
Fresno, Los Angeles and San Diego

RESIDENCE

(40) NO. 152 FAIRLAWN AVE., Berkeley. One-story 8-room 1-family stucco residence.
Owner—Lillian H. Abbott, 319 Richfield Oil Bldg., Oakland.
Architect—Oliver W. Thornton, 319 Richfield Oil Bldg., Oakland.
Contractor—Oliver W. Thornton, 319 Richfield Oil Bldg., Oakland. \$12,000

RESIDENCE

(41) NO. 483 BOYNTON AVE., Berkeley. Two-story 7-room residence and garage.
Owner—F. L. Holbrook, 1934 Parker St., Berkeley.
Architect—B. Hardman, First National Bank Bldg., Berkeley.
Contractor—C. P. Earl, 1330 Channing Way, Berkeley. \$5750

DWELLING

(42) W SIXTIETH AVE 600 S Brann, Oakland. One-story 5-room dwelling and one-story garage.
Owner—J. Lehman, 959 Appgar St., Oakland.
Architect—None. \$3150

DWELLING

(43) SE 100TH AVE AND PLYMOUTH, Oakland. One-story 6-room dwelling.
Owner—Karl Trippell, 10800 McIntyre St., Oakland.
Architect—None. \$3800

DWELLING

(44) N MONADNOCK WAY 137 E Seminary Ave., Oakland. One-story five-room dwelling and one-story garage.
Owner—D. W. Van Horn, 6004 Monadnock Way, Oakland.
Architect—None. \$3900

APARTMENTS

(45) SW SEVENTY-THIRD AVE AND Bissell St., Oakland. Two-story 12-room apartments.
Owner—A. T. Andersen, 9302 Birch St., Oakland.
Architect—None. \$8000

DWELLING

(46) N FIFTY-FIRST 104 W Manila Ave., Oakland. One-story 5-room dwelling.
Owner—F. M. Buck, 5103 Manila Ave., Oakland.
Architect—None. \$3500

DWELLING

(47) NO. 830 TRESTLE GLENN ROAD, Oakland. Two-story 7-room dwelling and one-story garage.
Owner—Samuel Moe, 1550 Hampel St., Oakland.
Architect—None. \$6900

ADDITION

(48) N POWELL — E S. P. Tracks, Emeryville. Addition to rock storage shed.
Owner—Paraffine Co., Premises.
Architect—None. \$18,000

RESTAURANT

(49) SE SAN PABLO AVE & FORTY-third St., Emeryville. Restaurant.
Owner—S. Bratichevich, 4060 Hopkins St., Emeryville.
Architect—None. \$2000

RESIDENCE

(50) NO. 143 HAGAR AVE., Piedmont. Two-story 6-room frame residence and garage.
Owner—A. M. Bjornson, Terrace Ave., Oakland.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
Contractor—L. H. Reimers, 12 Wildwood Ave., Piedmont. \$7500

RESIDENCE

(51) NO. 1355 OAKLAND AVE., Piedmont. Two-story 6-room frame residence and garage.
Owner—James M. Wheat, 6 Downing Pl., Oakland.
Architect—Mr. Gregerson, 11 Castro St., Haywards. \$6000

RESIDENCE

(52) NO. 175 ST JAMES WOOD, Piedmont. Two-story 10-room frame residence and garage.
Owner—W. F. Sampson, 302 Perry St., Oakland.
Architect—Miller & Warnecke, Alameda Title Ins. Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. \$35,000

ALTERATIONS

(53) NO. 32 BELLEVUE AVE., Piedmont. Alterations.
Owner—J. T. Young, Premises.
Architect—None.
Contractor—J. D. Wieslander. \$1900

RESIDENCE

(54) NO. 34 RONADA AVE., Piedmont. One-story 6-room frame residence and garage.
Owner—C. W. Short, 574 Rosal Ave., Oakland.
Architect—None. \$5500

RESIDENCE

(55) NO. 541 BLAIR AVE., Piedmont. Two-story 8-room residence and garage.
Owner—L. E. Davis, 584 Mira Vista Ave., Oakland.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland. \$13,700

RESIDENCE

(56) NO. 680 BLAIR AVE., Piedmont. Two-story 7-room frame residence and garage.
Owner—John B. Kaiser, 337 17th St., Oakland.
Architect—Slcombe & Tuttle, 337 17th St., Oakland.
Contractor—S. B. Davis, 3773 Harrison St., Oakland. \$9800

ADDITION

(57) E HAVENSCOURT BLVD. 100 S Foothill Blvd., Oakland. Addition.
Owner—V. Dipoli, 7224 E-14th St., Oakland.
Architect—None. \$4000

DWELLING

(58) NO. 7641 NEY AVE., Oakland. One-story 6-room dwelling.
Owner—Geo. F. Key, 7641 Ney Ave., Oakland.
Architect—None. \$3000

DWELLING

(59) NO. 10429 DANTE ST., Oakland. One-story 5-room dwelling.
Owner—J. Thorsen, 3904 Telegraph Ave., Oakland.
Architect—None.
Contractor—Ben Frankford, 812 Broadway, Oakland. \$2200

DWELLING

(60) S WOOLSEY ST. 93 W Deakin St., Oakland. One-story 5-room dwelling.
Owner—John F. Whalen, 324 Warwick Ave., Oakland.
Architect—None. \$4000

ADDITION

(61) NO. 791 ALCATRAZ AVE., Oakland. Addition.
Owner—R. L. Scott, Premises.
Architect—None. \$1000

BUILDING CONTRACTS

Alameda County

No.	Owner	Contractor	Amt.
5	Cianciarulo	Beckett	9100
6	Addison	Colberg	270
7	Sampson	Fiuren	1820

RESIDENCE

(5) LOT 27, Regua Highlands, Piedmont. All work for two-story frame residence and garage.
Owner—Joseph A. M. Cianciarulo, 936 Broadway, Piedmont.
Architect—Charles W. McCall, 1404

Franklin St., Oakland.

Contractor—Beckett & Wight, 624 Scenic Ave., Piedmont.

Filed Jan. 5, '28. Dated Jan. 4, '28.
Frame up \$2250
When plastered 225
When completed 2250
Usual 35 days 2250

TOTAL COST, \$9100

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING

(6) PTN LOTS 6, 7 and 8 blk 6, Pacific Land Investment Co property at Morton St. Station; stair and grille work.
Owner—Addison Corp., 1441 Franklin St., Oakland.

Architect—None.
Contractor—J. F. Colberg, Berkeley Iron & Wire Works, 2009 Center st., Berkeley.

Filed Jan. 6, 1928. Dated
Stairs and grilles on premises 50%
Installed and accepted 40%
After time elapse for filing necessary liens 10%

TOTAL COST \$270

Bond \$270; sureties, Fidelity and Deposit Co. of Maryland. Limit, forfeit, none; plans and spec., none.

(7) LOCATION NOT GIVEN; installing oil heating system.

Owner—W. F. Sampson, 302 Perry, Oakland.

Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Contractor—Fiuren & Arneson, 2919 Union st., Oakland.

Filed Jan. 7, 1928. Dated Jan. 3, 1928
When roughed in \$500
When furnace installed 650
When completed 470
Usual 35 days 200

TOTAL COST \$1820

Bond none; limit, ; forfeit, \$10 per day; spec. only filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted

Jan. 6, 1928—NE NEY AVE 185 W Partridge Ave fmy. 81st Ave., Oakland. Henry W Arnold to whom it may concern.....Dec. 29, 1927

Jan. 6, 1928—NW A ST. 279 SW Castro Hayward. W T and Hortense Hubbard to Ostrom Bros.....Dec. 30, 1927

Jan. 6, 1928—LOT 21, Mount Vernon Park Tract, Oakland. Andrew Jacobson to whom it may concern.....Jan. 6, '28

Jan. 6, 1928—LOT 32, Del Orta Tract, San Leandro. Andrew Jacobson to whom it may concern.....Jan. 6, 1928

Jan. 6, 1928—NO. 1505 CEDAR ST., Berkeley. A C Kaiser to whom it may concern.....Dec. 22, 1927

Jan. 6, 1928—2038 E-FOURTEENTH St., San Leandro. H H Laws to whom it may concern.....Jan. 4, 1928

Jan. 6, 1928—LOT 8 BLK 5, Highland Manor, Oakland. Eva M Ott to A H MonezDec. 29, 1927

Jan. 6, 1928—PTN LOTS 5, 11 AND 12 Blk I, Oakland Union Homestead Association Lands, Oakland. Oakland Jewish Federation to F A Muller.....Nov. 4, 1927

Jan. 6, 1928—LOT 10 BLK 14, Cragmont, Berkeley. Josephine Romine to whom it may concern.....Jan. 5, 1928

Jan. 6, 1928—LOT 23 BLK 9, Herzog Tract, Golden Gate, Oakland. J A Vonada to whom it may concern.....Dec. 31, 1927

Jan. 4, 1928—PTN LOT 158, Crocker Tract, Piedmont. F B Fernhoff to Jacobs & PattianiJan. 1, 1928

Jan. 5, 1928—LOT 20 BLK A, Piedmont Highlands, Piedmont. Leon R Dupuich to R H Banning.....Jan. 4, 1928

Jan. 5, 1928—NO. 2971 GEORGIA ST., Oakland. Geo H Drysdale to whom it may concern.....Dec. 20, 1927

Jan. 5, 1928—LOTS 8 AND 9 BLK 10, Solano Ave Terrace, Alameda County Frank A Stokes to whom it may concern.....Jan. 3, 1928

Jan. 5, 1928—LOT 10 AND PTN LOT 9 Blk K, Trumbull Tract, Oakland. F O Sundblom to whom it may concern.....Jan. 4, 1928

Jan. 5, 1928—NO. 3149 EMERSON ST. Oakland. C G Tweedt to Henry F TweedJan. 4, 1928

Jan. 5, 1928—LOT 11, Mount Vernon Park Tract, Oakland. M F Som-

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

marstrom to whom it may concern.....	Jan. 5, 1927
Jan. 9, 1928—NO. 1937-1937½ HASTE St., Berkeley. A Nelson to R L Webb.....	Jan. 9, 1928
Jan. 9, 1928—STATE HIGHWAY bet Livermore and Dublin, Alameda County. Dept. of Public Works, Division of Highways to George J Ulrich.....	Jan. 4, 1928
Jan. 9, 1928—LOTS 18-62, Ardmore, San Leandro. George A Hillback to whom it may concern.....	Jan. 7, 1928
Jan. 6, 1928—LOT 13, Fuller & Todd Tet Oakland. F C Duer to James Allan.....	Jan. 6, 1928
Jan. 7, 1928—W SHATTUCK AVE 63.94 S University Ave., Berkeley. Bank of Italy National Trust & Savings Assn to whom it may concern.....	Jan. 6, 1928
Jan. 7, 1928—BET. LAGUNA CREEK and private road of Spring Valley Water Co, Alameda County. Spring Valley Water Co to E E Dias.....	Jan. 5, 1928
Jan. 7, 1928—LOT 62 BLK 8, North Cragmont. H B Wintringham to whom it may concern.....	Jan. 6, 1928
Jan. 7, 1928—LOT 20 BLK C, Amended Map Lorin Heights Tract, Berkeley. Lewis E Reynolds to whom it may concern.....	Jan. 6, 1928
Jan. 7, 1928—NO. 344 VINCENTE RD, Oakland. Marion C and L D Smith to whom it may concern.....	Jan. 4, 1928
Jan. 7, 1928—PTN LOT 1, Crocker Tract, Piedmont. David F Selby to Heach & Wendt.....	Jan. 4, 1928
Jan. 7, 1928—LOT 22 BLK 20, Map No. 6, Regents Park, Oakland. Joe Del Orefice to whom it may concern.....	Jan. 4, 1928
Jan. 7, 1928—PTN LOT 7 BLK 4, Re-sub Miramonte Tract, Berkeley. Aarp Niska to whom it may concern.....	Jan. 4, 1928
Jan. 9, 1928—N MOUNTAIN BLVD 150 W Florence St., Oakland. Walter Doughty to J V Matteson.....	Jan. 3, 1928
Jan. 9, 1928—SE THIRTIETH AND West Sts., Oakland. Minnie Leson to Conrad Roth.....	Jan. 9, 1928
Jan. 10, 1928—NO. 2225-2227 HOPKINS St., Oakland. Peter Della Vedova to Clarence M Starr.....	Jan. 3, 1928
Jan. 10, 1928—PTN LOT 4 BLK 14, Daley's Scenic Park, Berkeley. Jane C Edwards to B M Brown.....	Jan. 9, 1928
Jan. 10, 1928—NO. 670 PERALTA AVE Berkeley. George B Legg to Tynan Lumber Co.....	Dec. 31, 1927
Jan. 10, 1928—SW SIXTH AND CARLTON Sts., Berkeley. The Palmolive-Peet Co to Royal Floor Co.....	Jan. 4, 1928
Jan. 10, 1928—LOT 26 BLK 4, Melrose Heights, Oakland. Anna Nielsen to J B Petersen.....	Jan. 3, 1928
Jan. 10, 1928—LOT 86 BLK 31, North Cragmont, Berkeley. George Barnes to H W Davis.....	Jan. 9, 1928
Jan. 10, 1928—BERKELEY AND ALAMEDA. Southern Pacific Co to Hutchinson Co, Inc.....	Dec. 31, 1927
Jan. 10, 1928—LOT 297, Fremont Tet Oakland. Edward Francis Grady to whom it may concern.....	Jan. 5, 1928
Jan. 10, 1928—LOT 6 BLK G, Fruitvale Blvd Tracta Oakland. Edward Francis Grady to whom it may concern.....	Jan. 5, 1928
Jan. 10, 1928—LOT 45 and Ptn Lot 44 Blk 1, Plot of Cerrito Hill, Albany. Martha Boyn to whom it may concern.....	Dec. 31, 1927

LIENS FILED

Alameda County

Recorded	Amount
Jan. 6, 1928—LOT 160 Unit C, Oak Knoll, Oakland. Long Paint Co vs Glen M and Ruby Bright and D J and Elizabeth Kiernan.....	\$182.50
Jan. 6, 1928—LOTS 15 AND 16 BLK 5, Kinsell Tract No. 2, Elmhurst. I L Lindsey vs John H and Rosalie Paise.....	\$2729
Jan. 6, 1928—NO. 2012 MARIN AVE., Berkeley. Superior Tile & Prod Co vs Rupert and Kathryn Schultheiss and C E Rednours.....	\$515
Jan. 6, 1928—LOT 160 Unit C, Oak Knoll, Oakland. Hartman Electric Co vs Glen M Bright and D J Kiernan.....	\$40
Jan. 5, 1928—PTN LOTS 1, 2 AND 3 Blk A, Hilton Tract, Oakland. N D Perkins vs R H Macfarlane and H W McIntier Co.....	\$80.50

Jan. 5, 1928—SW PLYMOUTH 33 NW 100th Ave., Oakland. N D Perkins vs R H Macfarlane and H W McIntier Co.....	\$80.50
Jan. 5, 1928—LOT 17, Mt. Vernon Park Tract, Oakland. W B Howard vs Securities Investment Assn and Wm Burgett.....	\$113.36
Jan. 5, 1928—LOT 27 BLK C, Orchard Tract, Hayward. General Mill & Lumber Co vs Georgia W and J L Firebaugh.....	\$560.81
Jan. 5, 1928—LOT 34 BLK 3, Berkeley Heights, Berkeley. Rhodes-Jamieson Co vs Rupert and Kathryn Schultheiss.....	\$32.92
Jan. 5, 1928—NO. 2012 MARIN AVE, Berkeley. J C Owens vs Rupert and Kathryn Schultheiss.....	\$423.10
Jan. 6, 1928—LOT 160 Unit C, Oak Knoll, Oakland. Tynan Lumber Co vs Glen M and Ruby Bright and Desmond J and Elizabeth Kiernan.....	\$2048.46
Jan. 6, 1928—E E-FOURTEENTH & Oreana Aves, county road from San Leandro to Hayward, Eden Twp. Tynan Lumber Co vs Geo R Burke.....	\$484.87
Jan. 6, 1928—LOT 160 E Cabrillo St., Oak Knoll Tract, Oakland. F E Flaherty vs Glen M Bright and D J Kiernan.....	\$82.50
Jan. 6, 1928—LOT 28 BLK 3882/4, Esplanade, Oakland. Tynan Lumber Co vs Preston R and Irene Beckwith.....	\$76.80
Jan. 6, 1928—LOT 34 BLK 3, Berkeley Heights, Berkeley. Bowman Hardwood Co vs Rupert and Kathryn Schultheiss; L R Butter and C E Rednours.....	\$225.40
Jan. 6, 1928—LOT 34 BLK 3, Berkeley Heights, Berkeley. Madison Burke vs Rupert Schultheiss and C E Rednours.....	\$164.69
Jan. 6, 1928—LOT 34 BLK 3, Berkeley Heights, No. 2012 Marin Ave., Berkeley. Sunset Hardware Co vs Rupert and Kathryn Schultheiss and C E Rednours.....	\$186.64
Jan. 7, 1928—LOT 160, Unit C Oak Knoll, Oakland. B-Y Sheet Metal Works vs Glen M and Ruby Bright; Desmond J and Elizabeth Kiernan and Bright & Kiernan.....	\$177.75
Jan. 7, 1928—LOT 160, Unit C Oak Knoll, Oakland. Central Building Material Co vs Glen M and Ruby Bright; D J and Elizabeth Kiernan; F E Flaherty and C E Collins.....	\$513.90
Jan. 7, 1928—LOT 160, Unit C Oak Knoll, Oakland. California Builders Supply Co vs D J and Elizabeth Kiernan; Glenn M and Ruby Bright.....	\$73.15
Jan. 7, 1928—LOT 160, Unit C Oak Knoll, Oakland. C E Collins vs Glen M Bright and D J Kiernan.....	\$326.90
Jan. 7, 1928—LOT 25 BLK 2097, Alden Tract, Oakland. Tilden Lumber & Mill Co vs Guiseppe and Maria Mighetto and Pio Benassini.....	\$828.27
Jan. 7, 1928—SE PARK AVE AND Emery St., Emeryville. T L Rosenberg Co vs Chin Hing; Chin Sack Woo; John Doe Co; First Doe and Second Doe.....	\$169.62
Jan. 9, 1928—NO. 1048 CORNELL AVE, Albany. Superior Tile & Products Co vs Mrs. Mary Porter.....	\$130
Jan. 9, 1928—NO. 1050 CORNELL AVE, Albany. Superior Tile & Products Co vs Mrs. Mary Porter.....	\$130
Jan. 9, 1928—NO. 1121 EVELYN AVE, Albany. Superior Tile & Products Co vs Mrs. Mary Porter.....	\$130
Jan. 9, 1928—LOT 11 AND N ½ LOT 12 Blk 18, Regents Park No. 4, Albany. Rokada Co vs Mary Porter.....	\$210.88
Jan. 9, 1928—LOT 57 AND S ½ LOT 58 Blk 10, Regents Park No. 4, Albany. Rokada Co vs Mary Porter.....	\$254.51
Jan. 9, 1928—LOT 59 AND N ½ LOT 58 Blk 10, Regents Park No. 4, Albany. Rokada Co vs Mary Porter.....	\$254.51
Jan. 9, 1928—LOT 160, Oak Knoll Tract	

Oakland. F E Flaherty vs Glen M Bright and D J Kiernan.....	\$82.50
Jan. 9, 1928—SE UNIVERSITY AVE and Shattuck Ave., Berkeley. Berkeley Electrical Co, Inc vs Bank of Italy National Trust & Savings Assn and Ray Constr Co.....	\$1581.80
Jan. 9, 1928—LOT 160 Unit C, Oak Knoll, Oakland. F Cracknell vs D J and Elizabeth Kiernan and Glenn M and Ruby Bright.....	\$86
Jan. 9, 1928—LOT 11 AND N ½ LOT 12 Blk 18 Map No. 4, Regents Park, Albany. Contra Costa Bldg Materials Co vs Mary Porter.....	\$195.55
Jan. 9, 1928—LOT 57 AND S ½ LOT 58 Blk 10, Map No. 4, Regents Park, Albany. Contra Costa Bldg Materials Co vs Mary Porter.....	\$195.35
Jan. 9, 1928—LOT 59 AND N ½ LOT 58 Blk 10 May No. 4, Regents Park, Albany. Contra Costa Bldg Materials Co vs Mary Porter.....	\$429.44

RELEASE OF LIENS

Alameda County

Jan. 5, 1928—PTN LOTS 26 AND 27 Blk B, Lakeshore Terrace, Oakland. Superior Tile & Products Co to Val J Curtis; John Doe Mack and Mack Realty Co.....	\$426.50
---	----------

OAKLAND BUILDING SUMMARY

Month of December, 1927

Following is a summary of building permits issued in Oakland for the month of December, 1927, as reported by A. S. Holmes, city building inspector:

Class—	Permits	Est. cost
1S Dwellings.....	66	\$206,539
1S 2-fam. dwellings.....	1	4,000
2S Dwellings.....	8	60,800
3S Apartments.....	1	27,000
1S Whse.....	1	785
1S Pump house.....	1	180
1S Loading rack.....	1	250
2S Factory.....	1	2,982
1S Tile addition.....	1	4,800
1S Tile school.....	1	44,820
1S Tile garage.....	6	4,250
1S Steel serv. station.....	1	1,200
1S Con. garage.....	3	1,900
1S Con. substation.....	1	1,827
2S Con. garage.....	1	20,000
2S Con. Crt. house.....	1	30,000
Con. Mausoleum.....	1	139,000
1S Con. & Tile ser. station.....	1	1,000
1S Brick garage.....	1	2,000
1S Brick mill.....	1	850
2S Brick school.....	1	73,549
Brick addition.....	3	8,000
Lockers.....	1	18,273
Tank frames.....	2	1,300
Platform.....	1	1,000
Awning.....	1	700
Billboards.....	14	1,030
Electric signs.....	19	8,240
Roof signs.....	3	7,775
Marquee.....	1	150
1S Garages and sheds.....	103	22,385
Additions.....	44	26,078
Alters. & Repairs.....	100	33,880
Total.....	392	\$756,549

ARCHITECT'S CERTIFICATE
SAN FRANCISCO COUNTY

Jan. 6, 1927—EDMOND H DENKE has filed certificate of architecture for county of San Francisco.....Jan. 5, 1927

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

ADDITION
LOTS 33, 34 and 35 Taylor Addition, San Mateo; all work for addition to library.

Owner—City of San Mateo.
Architect—Edwards & Schary, 525 Market St., San Francisco.
Contractor—Henry & Coakley, 1009 Laguna St., Burlingame.

Filed Dec. 27, 1927. Dated Dec. 27, 1927
Roof sheathed\$9740
Br. coated 9740
Completion 9740
Usual 35 days 9743

TOTAL COST, \$38,963

Bond, \$19,182; sureties, N. Y. Indemnity Co.; limit 135 working days; forfeit, \$25; plans and spec. filed.

WRECKING

BROADWAY, Redwood City; wreck and remove 2-story, basement and attic. Owner—Redwood City School Dist., Redwood City.

Architect—None.
Contractor—Reeves Wrecking Co., Santa Clara.

Filed Dec. 27, 1927. Dated Dec. 22, 1927
Paid by contractor\$175
Bond \$500; sureties, Fidelity & Casualty Co. of N. Y.; limit, on or before Feb. 1, 1928; plans and spec., none.

PERMITS

ADDITION, \$2000; Broadway, Burlingame; owner, Ed. Martin, 1449 Cortez Ave., Burlingame.

BUNGALOW and garage, \$5000; Lot 20 Blk 42, Channing, Burlingame; owner, Grove Pedersen, 708 Laurel St., Burlingame.

CLASSROOM, \$2000; Cortez Ave., 1300 Block, Burlingame; owner, Catholic Church, Burlingame; contractor, P. J. Monahan, 2509 Adeline St., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Dec. 31, 1927—LOT 9 BLK C, Hayward Park, San Mateo. A. Righetti to Frank J. Ferrea.....	Dec. 30, 1927
Dec. 31, 1927—LOT 13 BLK 11, Burlingame Terrace. Fred Booth to C. B. McClain.....	Dec. 30, 1927
Dec. 31, 1927—LOT 19 BLK 17, Milbrae Highlands. David R. Woods to whom it may concern.....	Dec. 31, 1927
Dec. 31, 1927—LOT 3 BLK 16, Milbrae Highlands. S. J. Alafson et al to whom it may concern.....	Dec. 29, 1927
Jan. 3, 1928—LOT 32 BLK O, San Bruno Park. Charles Kendrick et al to Magnuson & Co.....	Dec. 21, 1927
Jan. 4, 1928—STATION H (Martin Station), Bay Shore. Pacific Gas & Electric Co to George T. Horton et al.....	Dec. 24, 1927
Jan. 4, 1928—PART LOT 16, Selby Lane Acres, San Mateo. Charles Miller to whom it may concern.....	Jan. 4, 1928
Jan. 4, 1928—LOT 5 BLK 6, Burlingame. H. A. Johnson to Jas. Horn.....	Jan. 3, 1928
Jan. 4, 1928—LOT 4 BLK 30, Redwood Highlands. J. W. Burris to whom it may concern.....	Jan. 4, 1928
Jan. 4, 1928—LOT 32 BLK 10, San Bruno. John M. Linklater to Matthew Anderson.....	Dec. 21, 1927
Jan. 5, 1928—LOTS 49 AND 50 BLK 53, North Fair Oaks. Henry Faulstich to whom it may concern.....	Jan. 4, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
Jan. 3, 1928—LOT 18 BLK 6, North Palo Alto. F. M. C. Lennon vs J. S. Smith et al.....	\$273.64

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

PARKING STATION
NW SANTA CLARA AND SIXTH STS., adjacent San Jose Medico Dental Building, San Jose. All work for auto parking station.

Owner—San Jose Medico-Dental Building Company, San Jose.

Architect—W. H. Weeks, 246 S-First St., San Jose.

Contractor—Carl N. Swenson, Burrell Bldg., San Jose.

Filed Dec. 27, '27. Dated Dec. 27, '27.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$14,485
Bond, \$7242.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUILDING

% OF A MILE E of Mt. Eden Road and 2 miles N from Saratoga on S side of Pierce Road, Grand View Ranch firmly owned by Dr. Gibson, Saratoga. All work for building.

Owner—P. M. Pike Investment Co., 2122 E-7th St., Los Angeles.

Architect—Lester H. Hibbard, 315 W-5th St., Los Angeles.

Contractor—Stanton, Reed & Hibbard, 315 W-5th St., Los Angeles.

Filed Dec. 23, '27. Dated Dec. 23, '27.
As work progresses..... 75%
36 days after..... 25%

TOTAL COST, \$106,577
Bonds (2) \$53,290 and \$26,645. Surety, Fidelity & Deposit Co. of Maryland. Limit, on or before August 1, 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE

COWPER AND MELVILLE AVE., Palo Alto. All work for two-story residence and garage.

Owner—Mr. and Mrs. Charles G. Norris, Palo Alto.

Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Filed Dec. 23, '27. Dated Dec. 23, '27.
Progressive payments.....

TOTAL COST, \$69,653
Bond, \$34,900. Sureties, W. P. Gray and Joseph A. Jury. Limit, June 1, 1928. Forfeit, none. Plans and specifications filed.

NOTE.—Payments to be made weekly upon the presentation by the contractor upon the first day of each week of a statement showing all moneys actually expended by him during the previous week. The owner shall have the right to demand at any time receipted bills and signed payrolls covering such expenditure, and on the completion of the job signed bills for all expenditures shall be turned over by the contractor. The contractor hereby guarantees the total cost to the owner shall not exceed the sum of \$69,653 including his compensation which is hereby agreed to be the sum of \$4557. Should the actual cost as shown by the receipted bills and payrolls including the said contractor's compensation be in excess of the above contract price of \$69,653 such further cost shall be entirely paid by the contractor. Should the actual

cost as shown by the receipted bills and payrolls, including the said contractor's compensation, be less than \$69,653 said remaining balance shall belong to the owner.

PERMITS

WAREHOUSE, \$5500; Southern Pacific right-of-way and San Pedro St., San Jose; owner, S. P. R. Co., Second and San Fernando Sts., San Jose architect, Company's Employee.

ADDITIONS, \$3550; No. 133 N-Fourth St., San Jose; owner, Benzol Cleaners, Premises; contractor, Thermotite Constr. Co., 290 Stockton St., San Jose.

ALTERATIONS, \$1950; No. 668 N-First St., San Jose; owner, Mrs. Pezzola, Premises; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose.

RESIDENCE, 5-room, \$3000; Palm St. near Oak, San Jose; owner, Silvio Borato, 901 Palm St., San Jose; contractor, J. West, 189 N-San Pedro St., San Jose.

ALTERATIONS and repairs, \$1500; No. 497 Gregory St., San Jose; owner, R. Tamone, Premises; contractor, P. D. McCormick, 366 N-Fifth St., San Jose.

ALTERATIONS, \$500; No. 475 N-Eighth St., San Jose; owner, John A. Leal, 418 N-18th St., San Jose; contractor, Geo. Veteran, 27 Maybury Road, San Jose.

ALTERATIONS, \$595; No. 25 W-Santa Clara St., San Jose; owner, Knox Estate; contractor, J. C. Thorpe, Bank of Italy Bldg., San Jose.

ALTERATIONS and additions, \$1300; No. 62 E-Julian St., San Jose; owner, R. M. Keever, Premises; contractor, A. A. Douglass, 396 N-18th St., San Jose.

RESIDENCE, 3-room, \$2255; Taylor St. near Eighth St., San Jose; owner, S. Silva, General Delivery, Santa Clara; contractor, Frank Neves, 891 Harrison St., Santa Clara.

RESIDENCE, 5-room, \$2750; Vine St. near Virginia, San Jose; owner, S. Vainelli, General Delivery, San Jose; contractor, V. R. Caminetti, 975 Vine St., San Jose.

ALTERATIONS and addition, \$3000; NE 18th and Julian Sts., San Jose; owner, G. Sgarlotto, 605 E-Julian St., San Jose; contractor, Frank Neves, 891 Harrison St., Santa Clara.

RESIDENCE, 5-room, \$4500; Davis St. near Morse, San Jose; owner, Laura Hatchfeld, 4 Menker Ave., San Jose; contractor, C. I. Carlson, 4 Menker Ave., San Jose.

RESIDENCE, 6-room, \$5700; Clayton St. near First, San Jose; owner, E. Bergstrom, Niles, Calif.; contractor, B. J. H. Painter, 17 W-Santa Clara St., San Jose.

ALTER 1st and 2nd floors, \$10,000; First and Fountain Sts., San Jose; owner, Bank of Italy, Santa Clara and First Sts., San Jose; architect, H. A. Minton, Bank of Italy Bldg., San Francisco; supt., A. Langfelder.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Jan. 4, 1928—LOT 6 Bailey Subd., Mt. View. Norman, Wheeler & Needham, Inc to whom it may concern.....	Jan. 3, 1928
Jan. 4, 1928—LOT 23 BLK 2, Resub. Seale Tract No. 7, Palo Alto. Albert George Albertsen to whom it may concern.....	Dec. 31, 1927
Jan. 4, 1928—LOT 22 BLK 2, John R. Chaces Garden Villa, San Jose. R. E. Ford to whom it may concern.....	Dec. 31, 1927
Jan. 5, 1928—NW FIRST AND JULIAN STS., San Jose. San Jose Finance Co to whom it may concern.....	Dec. 28, 1927
Jan. 5, 1928—LOT 5, Fancher Park, San Jose. Mary Catania to whom it may concern.....	Dec. 30, 1927
Jan. 5, 1928—LOT 39, Saveker Subd. No. 2, San Jose. Charles Grandeman et al to whom it may concern.....	Jan. 5, 1928
Jan. 5, 1928—NW FIRST AND JULIAN STS., San Jose. San Jose Finance Co to T. Lannin.....	Dec. 28, 1927
Jan. 6, 1928—NE MORSE ST. 156 NW Randol St., San Jose. W. E. Karstedt et al to whom it may concern.....	Jan. 6, 1928
Dec. 27, 1927—LOT 7 BLK 4, Roosevelt Park, San Jose. Amos T. Wilson et al to whom it may concern.....	Dec. 23, 1927

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

Dec. 28, 1927—LOT 2 BLK 2, Terra Bella Tract, San Jose. J A Wagner to whom it may concern.....Dec. 21, 1927
Dec. 29, 1927—LOT 14, Willard Tract of Blk 13 S R 1 W, San Jose. Vincenzo Tomasello to whom it may concern.....Dec. 28, 1927
Dec. 29, 1927—LOTS 55 AND 59 BLK 16, Vendome Park No. 4, San Jose. Ellis Duff et al to whom it may concern.....Dec. 27, 1927
Dec. 29, 1927—LOT 14 BLK 2, Hevrin Subd., San Jose. Herbert Hervin to whom it may concern.....Dec. 29, 1927
Dec. 29, 1927—LOT 2 BLK 1, Lincoln Residence Park, San Jose. Paul N Anderson to whom it may concern.....Dec. 29, 1927
Dec. 30, 1927—SAN JOSE (Fuel tank). Southern Pacific Co to whom it may concern.....Dec. 27, 1927
Dec. 31, 1927—LOT 1, San Juan Subd. Stanford University, Palo Alto. J Hugh Jackson to whom it may concern.....Dec. 30, 1927
Dec. 31, 1927—S 1/2 LOT 30, Boyce Addition, Palo Alto. W M Bernard to whom it may concern.....Dec. 28, 1927

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Jan. 4, 1928—W ASHEY AVE 150 S Hamilton Ave S 50xW 263.50 Ptn Lots 16 to 21, Ashby Addn, Palo Alto. Sunnyvale Plumbing & Heating Co vs Vincent Fetzman et al.....\$700
Jan. 6, 1928—LOT 2 V. A. Scheller Subd., San Jose. A Giacalone vs Giuseppe Ribisi et al.....\$1757.42
Jan. 6, 1928—SE SAN FERNANDO & First Sts., San Jose. H Dubnoff vs Fred W Hollman, Inc., or Fred W Hollman.....\$2705.53
Jan. 6, 1928—OAK AND TYRELLA Aves, Saratoga. Geo W Sohler vs Alesandro Pia.....\$231.55
Dec. 27, 1927—E POPE ST. 207.67 N Hamilton Ave N 50 E 238.84 S 52.06 W to beg Ptn Blk H, Palo Alto. Alfred Johnson vs Fred W Timby.....\$955
Dec. 28, 1927—20.30 ACRE IN ALMOND Ave Newhall and Wise Tract, San Jose. Wallace E Bland vs Hiram A Deckelman.....\$2188.04
Dec. 29, 1927—NE BYRON ST AND NW Kingsley Ave NE 60xNW 100 Ptn Lots 17 to 20 Blk 89, Palo Alto. Progress Lumber Co vs A R Bacon et al.....\$369.72
Dec. 29, 1927—SE UNIVERSITY AVE 117.50 NE West NE 100xSE 150 Ptn Lots 9, 10, 11 and 12 Blk 118, Crescent Park, Palo Alto. Progress Lumber Co vs Salve Matheson et al.....\$402.64
Dec. 29, 1927—LOTS 17 TO 20 BLK 89, Palo Alto. Christensen & Anderson, Inc vs A R Bacon et al.....\$113.95
Dec. 31, 1927—3 ACRE ON W MONTEREY Road and McLellan Ave. also 2.995 Ac on SE McLellan Ave., San Jose. San Jose Hardware Co vs Campbell & Budlong Machine Works.....\$1110.33

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Dec. 28, 1927—LOT 22 BLK 3, Hannah Sackett's Twin Oaks Tract Los Gatos. C H Masters to G F Hackett et al.....
Dec. 31, 1927—S 1/2 LOT 5 BLK 5 R 2 S, San Jose. P E O'Hair & Co to James F Valpey et al.....\$4263.54
Jan. 4, 1928—30.06 ACRE beg Center King Road 819.42 NW Center Tully Road, San Jose. Tilden Lumber & Mill Co to A E Rose et al.....
Jan. 5, 1928—LOT 10 BLK 32, Seale Addition, Palo Alto. Gladding, McBean & Co to Edith B Lovell.....
Jan. 5, 1928—LOT 20, Juanita Park, The Willows. Tynan Lumber Co to Joe Hansen.....

BUILDING CONTRACTS

SONOMA COUNTY

RECORDED

RESIDENCE
PTN LOT 79, Sonoma; all work on 1-story frame residence and garage.

Owner—Robert L and Alice Stanleigh, Sonoma.
Architect—None.
Contractor—Ralph E Murphy, Sonoma.
Filed Jan. 6, 1928. Dated Dec. 27, 1927
Foundation and del. framing material\$ 300
On presentation of bills as work progresses2500
Usual 35 days946
TOTAL COST \$3746
Bond, forfeit, none; Limit, June 1, 1928; plans and spec. filed.

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
Jan. 5, 1928—LOT 128 BLK 5, Wheelers Second Add to Santa Rosa, Jas Gideon Burke to F E Tompkins & J G Burke.....Jan. 4, 1928
Dec. 27, 1927—ANALY UNION HIGH School Gymnasium Site, Sonoma. Analy Union High School District to C W Shatto.....Dec. 20, 1927
Dec. 29, 1927—SEARS POINT TOLL Road (bridge across Toley Creek). Sears Point Toll Road Co to Duncanson-Harrelson Co.....Dec. 22, 1927

LIENS FILED

SONOMA COUNTY

Recorded Amount
Dec. 12, 1927—SUNNYSIDE ADDITION Santa Rosa. E W White Lumber Co vs Chris Karston; Estate Christian Karston and A M Vineyard.....\$86.32

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

BUILDING
SAN RAFAEL. All work for one-story, part mezzanine and part basement reinforced concrete building.
Owner—Howard D. Sparrow and Robert Lovell, Masonic Bldg., San Rafael.
Architect—J. C. Penny Company.
Contractor—Liebert & Trobeck, 185 Stevenson St., Francisco.
Filed Jan. 3, '28. Dated Jan. 3, '28.
On 1st and 15th of each month 80%
Usual 35 days.....28%
TOTAL COST, \$30,905
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
Jan. 5, 1928—TOWN OF ROSS. Alice Wolfe and Denver to Ernest Laxton.....Dec. 22, 1927
Jan. 5, 1928—MILL VALLEY. Francis Burt and wife to Albert W Teather.....Dec. 29, 1927
Jan. 6, 1928—FAIRFAX. Giuseppe Cicerone to L H Stevenson.....Dec. 28, '27
Jan. 6, 1928—SAN RAFAEL. James L Haley and wife to Frank H Allen, Inc.....Jan. 4, 1928
Dec. 31, 1927—CASCADES NO. 2, Fairfax. Guy Baughman and Fiona to whom it may concern.....Dec. 28, 1927

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

COTTAGE, frame and plaster, \$3500; N Ripley bet. 7th & 8th; owner, Mrs. J. N. Long, 157 6th st., Richmond; contractor, S. P. Bolger, 408 Tulare ave., Richmond.
COTTAGE, frame, \$2800; W San Joaquin bet. Huntington and Modoc, Richmond; owner, J. D. Martin, El Cerrito.
COTTAGE, frame and plaster, \$6000; S Amador bet. Zara and Kern, Richmond; owner, F. J. Stark, 1516 Chanslor ave., Richmond; contractor, A. L. Rector, 425 Amador, Richmond.

COTTAGE, frame, \$1200; N Eureka bet. Carl and Sierra, Richmond; owner, R. A. Durkee, 2337 Mitchell st., Oakland.
COTTAGE, frame and plaster, \$5200; W 1st bet. Roosevelt and Clinton, Richmond; owner, Alfred Powell, 600 Penn ave., Richmond; contractor, F. C. Hosking, 932 Penn ave., Richmond.
COTTAGE, frame, \$3000; N 43rd bet. Roosevelt and Wilson, Richmond; owner, A. J. McNary, 1920 Chanslor, Richmond.
COTTAGE, frame, \$2300; E San Benito bet. Kern and Coalinga, Richmond; owner, J. E. Hall, San Benito and Coalinga, Richmond; contractor, J. J. Beatty, El Cerrito.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

PERMITS

STORE building, flats and garage, \$15,000; No. 2204 N-El Dorado St., Stockton; owner, Dr. J. A. Stamer, 11 S-San Joaquin St., Stockton; contractor, F. P. Guyson, 1428 Picardy St., Stockton.
DWELLING, \$1000; No. 142 E-Sonoma St., Stockton; owner, Jefferson Webb, 340 Sonoma St., Stockton.
APARTMENT house and garage, \$50,000; No. 702 N-San Joaquin St., Stockton; owner, V. D. Vaio, 1127 W-Ploplar Ct., Stockton.
HOME, nurses', \$50,000; No. 524 E-McCloud St., Stockton; owner, St. Joseph's Home, California St. Cor. Walnut, Stockton; contractor, Barrett & Hilp, 918 Harrison St., San Francisco.
RESIDENCE and garage, \$3800; No. 1119 W-Elm St., Stockton; owner, W. S. Steinbacker, 1216 W-Vine St., Stockton; contractor, B. T. Parsons.
ROOF sign, \$2800; No. 246 N-California St., Stockton; owner, W. F. Cordes; contractor, Western Auto Supply Co., 227 E-Weber Ave., Stockton.
RESIDENCE and garage, \$5500; No. 1851 Elizabeth St., Stockton; owner, Mrs. V. A. Schreiber, 1860 Elizabeth St., Stockton; contractor, S. C. Giles.
STORE building, \$2650; No. 2403 El Dorado St., Stockton; owner, Samuel Klein.
REMODEL store, \$1000; No. 327 E-Main St., Stockton; owner, Union Safe Deposit Bank.
TABERNACLE, temporary, \$1000; No. 4 W-Park St., Stockton; owner, Mrs. Stephen F. Phelan, 1440 N-Stockton St., Stockton; contractor, E. R. Hibbard.
RESIDENCE and garage, \$2750; No. 343 E-Arcade St., Stockton; owner, T. E. Williamson, 1859 W-Park Ave., Stockton.
RESIDENCE and garage, \$4500; No. 928 W-Magnolia St., Stockton; owner, H. B. Gregerson, 525 N-American St., Stockton; contractor, B. T. Parsons.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 28, 1927—LOT 16 BLK 6, Sheltered Oaks, Stockton. Victor Ekstrom to whom it may concern.....Dec. 27, 1927
Dec. 31, 1927—NE 1/4 OF SEC 27 T 2 S R 5 E (Standard Oil Company's reservoir) near Tracy. Associated Pipe Line Co to Pacific Coast Steel Co.....Dec. 21, 1927
Dec. 31, 1927—STOCKTON (gas plant), Pacific Gas & Electric Co to Moore Dry Dock Co.....Dec. 20, 1927

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 31, 1927—LOTS 11, 12 AND 13 Ptn Lot 14 Blk S, Brown's Addition, Stockton. W B Coggeshall vs Henry W Walters\$118.29

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
Dec. 29, 1927—PTN BLK 9, Homestead Addition in Salinas formerly called Salinas City. Amella Badella to F C Carlsen Dec. 22, 1927

Dec. 30, 1927—LOTS 1 AND 13 BLK 2, Spring and Abbotts Addition to Salinas City. Joseph and Barbara Cava to whom it may concern..... Dec. 27, 1927

Dec. 30, 1927—S ½ LOT 57 BLK 58, Monterey. Salvatore Glammiona to John Taufner..... Dec. 23, 1927

Dec. 31, 1927—LOTS 2 AND 4 BLK 20 First Addition to Pacific Grove Retreat, Monterey County. Ralph D Horton to whom it may concern..... Dec. 28, 1927

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
Dec. 30, 1927—PARCEL OF LAND IN Blk 12 of Clara I Dexter's Subdivision of part of Salinas City being ptn of Nacional Rancho. Tynan Lumber Co to S K Corbin\$749.82

BUILDING CONTRACTS

SACRAMENTO COUNTY

PERMITS

RESIDENCE, 4 rooms and garage, \$2000; 1849 41s st., Sacramento; owner, W. P. Rauth.

REPAIRS, \$1500; 620 14th st; owner, E Burke, 1009 4th ave; contractor, C. Vanina.

RESIDENCE and garage, \$3000; 2210 V st; owner, Geo. H. Bergh.

RESIDENCE, \$1900; 2621 59th st; owner and builder, S. L. Christie, 1746 Valjejo st.

CHURCH, 6-room, \$5000; 2109-11-13-15 X st; owner, Grace Tabernacle, 21st and X st; contractor, P. R. Opdyke.

RESIDENCE, 6-room, \$5000; No. 2517 San Jose Way, Sacramento; owner, Greer & Harrigan, 900 7th St., Sacramento; contractor, C. E. Mendenhall.

RESIDENCE, 3-room and garage, \$1000; No. 1709 Caranay St., Sacramento; owner, Mrs. Rosa Kaiser, 2741 17th St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 1717 39th St., Sacramento; owner, Lefe Millsbaugh, 3957 U St., Sacramento.

RESIDENCE, 14-room and garage, \$18,000; No. 1957 13th Ave., Sacramento; owner, Fred E. Carnie, 515 L St., Sacramento; contractor, A. R. Widawson.

RESIDENCE, 4-room, \$1000; No. 3626 37th St., Sacramento; owner, A. W. Stephen, 3616 37th St., Sacramento.

RESIDENCE, 5-room, \$3500; No. 2618 Sutterville Road, Sacramento; owner, Wm. Martin, 3724 Pacific Addition, Sacramento.

RESIDENCE, 5-room, \$3500; No. 3724 Jeffery Ave., Sacramento; owner, Wm. Martin, Premises.

APARTMENT house, 27-room, \$12,000; No. 1725 N St., Sacramento; owner, Dorothy Hark.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 27, 1927—SE ELEVENTH AND K Sts. Ptn Lot 1, Sacramento. Pacific Gas & Electric Co to whom it may concern.....Dec. 19, 1927

Dec. 28, 1927—LOT 8, Western Pacific Addition, Sacramento. Wm T Martin and Irene Phyllis ux to whom it may concern.....Dec. 28, 1927

Dec. 28, 1927—PTN LOTS 1 AND 2 BLK J Higgin Wood Sub No. 5, No. Sacramento. Z C Manning to whom it may concern.....Dec. 23, 1927

Dec. 29, 1927—SE ELEVENTH AND K Sts., Sacramento. Pacific Gas & Electric Co to whom it may concern.....Dec. 19, 1927

Dec. 30, 1927—HAGGINWOOD SCHOOL Site, No. Sacramento School District. No. Sacramento School District to whom it may concern.....Dec. 17, 1927

LIENS FILED.

SACRAMENTO COUNTY

Recorded Amount
Dec. 23, 1927—½ LOTS 2 AND 3 BLK S, Highland Park Addition to City of Sacramento. Tilden Lumber & Mill Co vs Mrs. Gertrude Elebeck.....\$40.75

Notice of Non-Responsibility

SACRAMENTO COUNTY

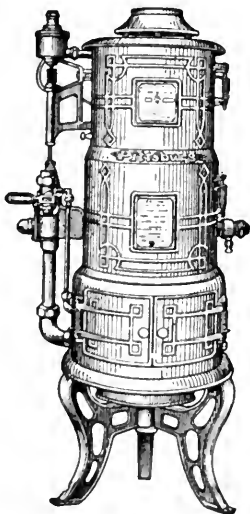
Dec. 30, 1927—NO. 324 I ST., Sacramento. G E Harvie as to improvements on property.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 28, 1927—E ½ W 3/5 S ½ OF SW ¼ of SE ¼ of Sec 5, 14-20, Fresno. Samuel F White to whom it may concern.....Dec. 24, 1927

Dec. 29, 1927 — LOT F E 20 LOT E Blk 7, Alta Vista Tract, Fresno. Abraham H Blum et ux to Bert DaleDec. 24, 1927



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS
INSURANCE
490 GEARY STREET

SAN FRANCISCO

Member

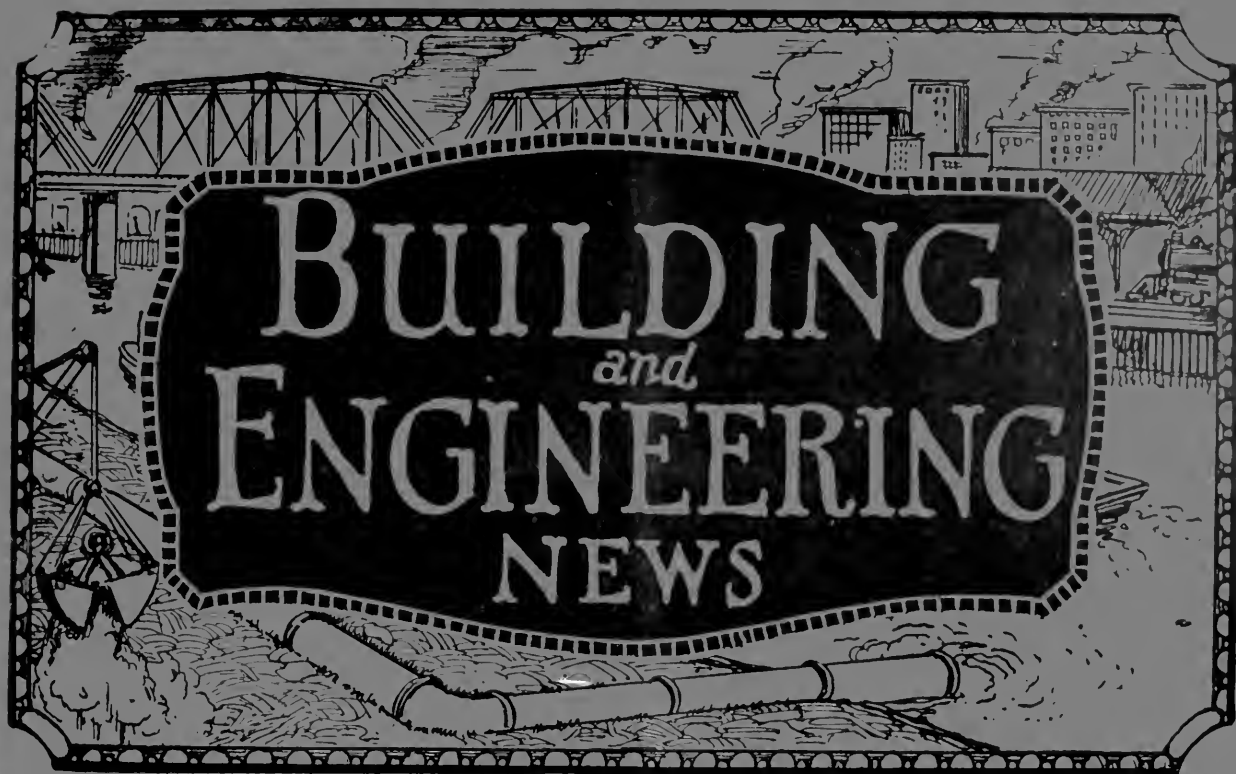
Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904 San Francisco



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., JANUARY 21, 1928

Published Every Saturday
Twenty-eighth Year No. 3

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JANUARY 21, 1928

Twenty-eighth Year No. 3



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

GENERAL CONTRACTORS PLAN
MEET TO DISCUSS PROBLEMS

The record-breaking expenditure of more than eight billion dollars for all types of construction in the United States during 1927 is to be studied at a conference to be held at West Baden, Indiana, January 22-27, under the auspices of the Associated General Contractors of America. The analysis is prompted, it is claimed, by evidence that existing practices, in the construction industry last year wasted a large amount of money intended to finance actual construction work.

"The construction industry's administration is muddled, despite the remarkable strides made in developments of ingenious and productive mechanical methods," Gen. R. C. Marshall, head of the sponsoring organization, declared in making official announcement of the meeting.

"Under present conditions," the announcement continues, "men who know little more about construction work than they do about the sale of butter and eggs are able to secure contracts, materials and equipment with which to attempt building operations. Defaulted contracts, poor construction and delays in making projects ready for use are the inevitable results which in turn cause direct losses to the public and threaten the stability of the nation's second largest industry."

Representatives of many branches of the construction industry from all parts of the country are expected to attend the meeting; it was stated at headquarters of the contractors' national association.

A construction exposition exhibiting latest developments of machinery and materials also will be held at West Baden at the time of the conference.

BONDING COMPANIES BACK UN- STABLE CONTRACTORS IN UN- FAIR WAYS

While engineers and state board officials were painting rosy pictures of a new era in road building, contractors attending the American Road Builders' convention at Cleveland, Ohio, heard two experts from their own number decry the unhealthy conditions for the rural highway contractor, according to Associated Press dispatches.

"Rural highway construction has wrecked more contractors than preferred bonds have wrecked homes," A. R. Hirst, chief engineer of the American Vibrolithic Corp, declared in voicing the contractors' protests to the practices of bonding companies who back unstable contractors through unfair methods.

"The total money lost on rural contracts in the last decade far exceeds the total money made," Hirst said, "which means that our states and counties have more miles of roads than they have paid for. Prices and conditions in the rural highway field have been so unsatisfactory to contractors that energetic attempts have been made to find an appropriate goat. The goat usually elected has been the surety bonding companies, who are willing to bond unstable bidders whose bids are too low."

Allan Jay Parris, president of the Illinois Association of Highway and Municipal Contractors, Paris, Ill., declared the industry was in a "sick and precarious condition," from the contractors' point of view.

"The average price of all work has been taken at or below the cost of production," Parrish said. "Following the world war there was a period of prosperity in the highway industry because of few contractors in the field. Today many incompetent contractors have flooded the field."

"In Illinois we have investigated contractors whose outstanding bills and claims were far in excess of their total possessions."

Substantial discounts to contractors paying before the tenth of each month, with non-delivery of more goods if the bill is not paid by the first of the following month, was indorsed by Mr. Parrish as a partial solution to the "false credit" problem.

LUMBER SHIPS SEEK SPLIT OF McCORMICK CONTRACT

Pacific Coast shipping circles are watching the outcome of the "war" between rival carriers for the huge lumber contracts about to be given out by the Charles R. McCormick Lumber & Steamship Co.

The McCormick Co., it is said, has been awarded the largest intercoastal piling contract ever handed on the Pacific Coast.

This contract, calling for delivery of 12,000,000 feet of piling and 2,000,000 feet of wharf timber, must be delivered to the Merritt, Chapman & Scott Co. at Baltimore by May 1.

Although a large portion of the piling will be shipped aboard steamers of the McCormick line, outside tonnage will be secured.

Officials of the company declare that extra vessels will be chartered for the haul, but declined to reveal how much of the contract lumber will be handled in this way.

JOHNS-MANVILLE EMPLOYEES SUE FOR BEQUEATHED STOCK

Thirty-seven present and former employees of the Johns-Manville Corporation have brought suit for approximately \$7,000,000 against H. E. Manville, former president, in an effort to regain ownership of 40,000 shares of stock bequeathed to them by Thomas F. Manville, it was revealed in papers filed in surrogate's court, New York, Jan. 17.

The employees charge that they were induced to transfer their stock to H. E. Manville at \$150 a share upon his plea that it was needed to assure his control of the company, as banking groups were seeking to purchase the stock of other legatees. They claim that Manville, disregarding his promise to continue as president, reorganized the corporation, sold a controlling interest to bankers and retired from active management.

It is alleged that the stock sold by them to Manville for \$150 a share now has an equivalent market value of \$500 a share.

Thomas F. Manville, who died October 19, 1925, directed in his will that 40,000 shares of stock of the company, equivalent to \$120,000 shares of the present issue as a result of a subsequent three-for-one split up, be distributed among employees who had been with the company for at least five years and who had received \$10,000 or more in salary during the previous calendar year. These employees were to pay one-half of the then market value, the other half being a gift. Fifty-eight employees qualified under the provision, among them H. E. Manville.

NEVADA SEEKS TO DEVELOP NEW CLAY DEPOSITS

In order to develop new deposits of clay in the state of Nevada possessing oil bleaching properties, and thereby promote a phase of state development that appears to hold excellent possibilities, a series of tests are to be made at the Rare and Precious Metals station of the U. S. Bureau of Mines at the University of Nevada. These experiments are to be conducted in co-operation with the Mackay School of Mines, and will run over a period of two months.

Numerous samples have already been collected in the state, but there may be deposits of clay from which samples have not been received, and it is much desired that as complete a survey as possible be made. Director John Fulton, of the Mackay School of Mines, announces that those who own, or are aware of deposits of clay in the state of Nevada are invited to send samples to the Mining Experiment station, and they will be tested with those now on hand.

In taking samples, Director Fulton says for the benefit of those who may desire to have clay tests made, that volcanic ash or diatomite do not usually bleach oil, and material that feels gritty when moistened should be rejected in the field. Samples should be taken from below the grass roots, the lumps to weigh about one pound per sample.

One deposit of filtering clay being developed at Ash Meadows in southern Nye county is shipped to California oil refineries where it is in much demand.

These clay tests are made possible through the John Armstrong Challoner research fellowship at the Mackay School of Mines. The clay tests will be carried on by L. R. Messer, the Challoner fellow.

CALIFORNIA STATE HIGHWAY BOARD ADOPTS 2-YEAR CONSTRUCTION PROGRAM

The California Highway Commission at its meeting on January 12th adopted the budget for highway construction, reconstruction and widening for the biennial period extending from July 1, 1927, to June 30, 1929.

The estimated total of highway expenditures for the biennium (July 1, 1927, to June 30, 1929), from all funds and including all purposes accordingly is \$47,169,512.

The Commission has allotted the \$15,100,000 that it is estimated the one-cent gasoline tax will raise during the biennium, to new construction projects, in northern and southern counties under the percentage terms prescribed in the Breed bill as follows:

Northern Counties

For Primary road projects (51.7% of 75% of money raised under bill) \$6,194,775
For secondary road projects (50% of 25% of money raised under bill) 1,887,500

Total for north

\$8,082,275

Southern Counties

For Primary road projects (15.3% of 75% of money raised under bill) \$5,130,225
For secondary roads (50% of 25% of money raised under bill) 1,887,500

Total for south

\$7,017,225

San Francisco to Oregon line at Monumental

DEL NORTE COUNTY—Hunter and Minot Creek bridges and approaches, \$50,000. Grading and surfacing from south line of county to Richardson Creek, \$200,000. Grading for 0.83 miles and surfacing 7.23 miles. Klamath River to Wilson Creek, \$250,000. Completing grading and surfacing Elk Valley road to Smith River, \$46,000. Protection work, Adams Station to Oregon line (co-operative project) \$100,000. Surfacing Patrick Creek to Oregon line, 17.6 miles, \$85,000. Oiling Elk Valley to Oregon line, 39.6 miles, \$85,000. Oiling, Orick to Richardson Creek, 20.5 miles, \$35,000. Oiling and rock, Wilson Creek to Crescent City, 15 miles, \$60,000. Southerly boundary to Wilson Creek, realignment, widening and surfacing, 10.6 miles, \$10,000.

HUMBOLDT COUNTY—Bridges over Lost Man and Prairie Creeks, \$35,000. Grading and surfacing, Fortuna to Fernbridge, \$460,000. Eureka to Beatrice, widening and second story, 8.3 miles, \$125,000. Beatrice to Loleta, realignment, grading and surfacing, 4.3 miles, \$125,000. Robinson Ferry Bridge, \$20,000. Orick to northerly boundary, realignment, widening and surfacing, 15.3 miles, \$20,000.

SONOMA COUNTY—Santa Rosa to Willowbrook, realignment, grading, widening, and second story, 11.4 miles, \$300,000.

MARIN AND SONOMA COUNTIES—San Rafael to Ignacio, grading, widening, surfacing, 10 miles, \$300,000.

MARIN COUNTY—Miller Creek bridge, \$21,000. Coyote bridge repair, \$10,000. Novato Creek bridge, \$20,000; from Alto to San Rafael, \$300,000; balance needed to complete work on this section to be allotted out of first money available.

SAN FRANCISCO TO SAN DIEGO

SANTA CLARA COUNTY—Sargent grade separation and approaches (state's share), \$70,000. Santa Clara, northerly, crushed rock shoulders and second story, 4.7 miles, \$200,000.

MONTREY COUNTY—Spence grade separation and approaches (state's share) \$75,000. Salinas, northerly, widening and resurfacing, 1.9 miles, \$55,000. South of San Ardo, realignment, grading and surfacing, 0.6 mile, \$10,000. Bituminous top on pavement at intervals totaling 5 miles, \$30,000. Minor line change, \$35,000.

SAN LUIS OBISPO COUNTY—Pismo to San Luis Obispo, realignment, grading, second story, and resurfacing, 10.4 miles, \$450,000. Arroyo Grande to Pismo, realignment, grading, resurfacing, 3 miles, \$106,000. Line changes north of San Luis Obispo, grading and surfacing 1.4 miles, \$50,000. Trestle over Santa Fe Creek, \$60,000.

SAN LUIS OBISPO AND SANTA BARBARA COUNTIES—Arroyo Grande to Zaca, macadam shoulders, 1.5 miles, \$135,000. Line changes, grading and surfacing, \$30,000.

VENTURA COUNTY—Rincon Creek bridge, \$40,000. Paving on Conejo grade, \$10,000.

VENTURA COUNTY—Paving on Conejo grade, \$10,000. Benham subway (state's share), \$10,000.

SANTA BARBARA COUNTY—Rincon Hill, realignment, grading and resurfacing 1 mile, \$110,000. Between Ellwood and Goleta, widening and resurfacing 3.44 miles, \$110,000. Montecito to Summerland, realignment, grading and paving 1.8 miles, \$100,000. Superelevating 33 curves, \$45,000.

ORANGE COUNTY—Fullerton to Anaheim, (co-operative paving) 0.8 mile (state's share), \$55,000. Galivan line change, grading and paving, 0.3 mile, \$30,000. Galivan, northerly, widening and second story, 5 miles, \$175,000. Santa Ana to Garden Grove avenue, widening and second story, 2.2 miles, \$100,000. Garden Grove avenue, to Anaheim, widening and second story, 2.8 miles, \$120,000. Galivan overhead, Santa Fe R. R., \$45,000. Irvine subway (state's share), \$75,000. Widening Aliso Creek bridge, \$25,000. Widening two bridges on Irvine ranch, \$15,000. Line change north of Serra, grading and paving, \$30,000. Sacramento to Oregon Line via Marysville.

THEAMA AND SHASTA COUNTIES—Stockton and Cottonwood bridges and approaches, \$140,000.

SHASTA COUNTY—LaMoine northerly, grading and standard surfacing, 10 miles, \$650,000. Pollards Gulch bridge, \$11,000. Boulder Creek bridge, \$10,000. Shotgun Creek bridge, \$14,000.

SISKIYOU COUNTY—End of present pavement to Gazelle, widening 7.7 miles, \$100,000. Four short line improvements, \$25,000. Bailey Hill subway under S. P. (state's share), \$50,000.

SACRAMENTO COUNTY—North Sacramento to Ben Ali station, second story pavement, 1.8 miles, \$75,000. Small bridges and line changes between Ben Ali and Sylvan school, \$35,000. Paving curve at Sylvan School, 0.3 mile, \$10,000.

SACRAMENTO AND PLACER COUNTIES—Sylvan school to Roseville, second story pavement, 2.3 miles, \$95,000.

PLACER COUNTY—Between Roseville and Lincoln, second story or resurfacing, 2.9 miles, \$95,000.

Improving reverse curves at railroad stations, (this also includes like work on Tehama to Benicia highway), \$35,000.

Sacramento to Los Angeles

FRESNO AND MADERA COUNTIES—Herdon bridge, \$220,000.

LOS ANGELES COUNTY—San Fernando to Castaic, grading and paving, \$350,000. Through Newhall (co-operative paving) 0.6 miles (state's share), \$26,500. Ridge Route realignment, grading, \$150,000. Ridge Route paving, \$165,000. Bituminous resurfacing, 3.5 miles, \$37,000. Realignment near Newhall tunnel, \$30,000.

MADERA COUNTY—Tharsa to Borden, widening and resurfacing, 6.9 miles, \$145,000. Madera to Fairmead, widening and resurfacing, 10 miles, \$240,000. Berenda grade separation (state's share), \$40,000.

MERCED COUNTY—Widening culverts, \$30,000.

TULARE COUNTY—Southerly boundary to Earlimart, widening and resurfacing, 8.5 miles, \$190,000. Two 20-foot bridges, \$20,000.

SAN JOAQUIN COUNTY—Cherokee crossing to Stockton, grading and surfacing, 2.4 miles, \$45,000. Cherokee crossing to Live Oak, widening and crushed

rock shoulders, 7.6 miles, \$50,000. Bridge across the diverting canal, \$45,000. Cherokee crossing to Stockton, grading and surfacing, 2.4 miles, \$45,000.

SACRAMENTO COUNTY—Arno line change, grading and surfacing, 1.8 miles, \$32,500. McConnelly Station to Sacramento, crushed rock shoulder, 13.2 miles, \$30,000. Bridges between Gaat and Arno, \$70,000. Bridge near Arno, \$20,000. Gaat to McConnelly, grading and second story, 5.5 miles, \$190,000.

STANISLAUS COUNTY—Approaches to Turlock, grading and paving 1.2 miles, \$35,000. Realignment north of Ceres, grading and paving 0.2 mile, \$9000. Stanislaus River bridge, south approach, \$20,000. Hatch subway, near Modesto, Southern Pacific Railroad (state's share), \$50,000. Widening two irrigation canal bridges, \$10,000. Widening four irrigation canal bridges, \$15,000. Turlock overhead crossing, Southern Pacific Railroad (state's share), \$75,000.

KERN COUNTY—Between Bakersfield and Delano, widening, surfacing with asphaltic concrete, \$450,000 (contracts already let and work in progress).

Stockton to Santa Cruz via Oakland

SAN JOAQUIN COUNTY—French Camp to Mossdale, grading and second story, 7 miles, \$195,000.

ALAMEDA COUNTY—Dublin to Hayward, realignment, grading, asphaltic macadam, 7.8 miles, \$330,000. Palomares Creek bridge, \$30,000. Alamo Creek bridge, \$12,500. Hollis Creek bridge, \$21,000. Cull Creek bridge, \$40,000.

ALAMEDA AND SANTA CLARA COUNTIES—Warm Springs to Milpitas, widening, resurfacing and paving, 3.7 miles, \$160,000.

Sacramento to Woodland Junction

YOLO COUNTY—East and west of causeway, rock shoulders, second story, 3 miles, \$50,000. M street bridge, widening roadway, \$30,000.

Tehama Junction to Benicia

SOLANO COUNTY—Southwest to Vacaville, realignment, grading, paving, 1.5 miles, \$45,000.

COLUSA COUNTY—Arbuckle to northerly boundary, rock shoulders, 26.8 miles \$80,000. Stone Corral bridge, \$10,000. Funk Slough bridge, \$8000.

GLENN COUNTY—Willows southerly, widening and resurfacing 3.05 miles, \$60,000. Wilson Creek bridge, \$8000.

Ignacio to Cordelia via Napa

SONOMA COUNTY—Black Point cut-off, surfacing and oiling, 8.5 miles, \$75,000. Line changes, grading and surfacing, \$50,000.

SOLANO COUNTY—North of Cordelia to Napa County line, grading and surfacing, 3.5 miles, \$110,000.

San Fernando to San Bernardino

LOS ANGELES COUNTY—La Canada to Pasadena, bridges, grading and surfacing (portions), 8.5 miles, \$157,500. Pasadena to Monrovia, grading and paving (portions), 3.6 miles, \$2000,000. San Dimas line change, grading and surfacing, 1 mile, \$55,000. Monrovia to Azusa, realignment, widening and paving, 2.5 miles, \$150,000. San Dimas to Claremont, widening and resurfacing, 3 miles, \$150,000. Glendora to San Dimas avenue, realignment, grading and paving, \$150,000.

SAN BERNARDINO COUNTY—San Bernardino to westerly boundary, widening and resurfacing, 20 miles, \$425,000. Pacific Electric subway near Upland (state's share), \$50,000.

San Diego to El Centro

SAN DIEGO COUNTY—Viejas Valley, easterly, realignment, grading, paving, \$425,000. Euclid avenue to east city limits of San Diego, co-operative paving, 1.5 miles (state's share), \$45,000. Disintegrated granite surfacing, \$25,000. Between Buckman's Springs and Tecate Summit, realignment, grading and surfacing, \$55,000. San Diego to La Mesa, realignment, widening and resurfacing, 2.5 miles, \$80,000.

IMPERIAL COUNTY—Grade separation and approaches (San Diego and Arizona Railroad), \$40,000. El Centro to Dixie Land, widening and resurfacing,

12.2 miles, \$225,000. New River bridge, Bullhead Slough bridge, West Main Canal bridge, \$55,000.
SACRAMENTO TO NEVADA, line via Placerville
EL DORADO COUNTY—Slippery Ford, grading and surfacing (co-operative), 4.2 miles, \$75,000. Sportsman's Hall to Riverton, realignment, grading and resurfacing (portions), \$60,000.
SACRAMENTO COUNTY—Brighton subway under Southern Pacific railroad, \$45,000.

Salida to Alpine Highway at Junction
TUOLUMNE COUNTY—Keystone to Jamestown, surfacing and oiling, 9 miles, \$60,000. Sonora, easterly, grading, surfacing and oiling (portions), (Big Oak Flat road), \$75,000.

Albany to Martinez
CONTRA COSTA COUNTY—Rodeo to Albany, grading, surfacing, and structures (portions), 3.4 miles, \$250,000. El Cerrito to Albany, widening and resurfacing (co-operative with El Cerrito and Albany), 0.8 miles, \$35,000. Wild Cat Creek bridge, approaches, realignment, grading and surfacing, 0.3 miles, \$25,000. Wild Cat bridge, \$30,000. Richmond to San Pablo, widening and resurfacing, 14 miles, \$75,000.

Tahoe-Ukiah Highway
COLUSA AND LAKE COUNTIES—Grading and surfacing (portions), \$260,000.

Roseville to Nevada City
PLACER COUNTY—Between Roseville and Rocklin, second story or resurfacing, realignment, 1.5 miles, \$60,000. Antelope Creek bridge, \$7500.

Merced to Point near Sequoia
MARIPOSA COUNTY—Westerly boundary to Cathay, realignment, grading and surfacing 9.6 miles, \$275,000. Cathay to Mariposa, realignment and grading 14.3 miles, \$50,000. Mormon Bar to Briceburg, rock surfacing 15 miles, \$65,000; widening culverts, \$40,000.

MERCED COUNTY—Santa Fe grade separation (state's share), \$60,000.
West of Claremont to Riverside
SAN BERNARDINO COUNTY—Ontario to Pomona, realignment, grading and paving, 2.6 miles, \$100,000.

Redding to Redwood Highway, near Arcate via Weaverville
TRINITY COUNTY—Indian Creek and Grass Valley Creek bridges, \$35,000.

Salinas to Alpine Junction
KERN AND INYO COUNTIES—Mojave to Bishop, grading, surfacing and oiling (portions), 30 miles, \$300,000.

KERN COUNTY—Between Mojave and Ricardo, pavement of dips, \$15,000.

INYO COUNTY—Cowan's Station to Olancha, grading 17 miles, \$50,000. End of present concrete pavement to Fish Springs, grading 2.4 miles, \$7000. Realignment, grading and surfacing 1 1/4 mile, \$1000. Between Lone Pine and Manzanar, grading and surfacing 8 miles, \$60,000. Olancha to Cottonwood Creek, grading and surfacing 3.4 miles, \$30,000. Cottonwood Creek to Diaz, grading and surfacing 10 miles, \$40,000. Diaz to Lone Pine, grading and surfacing 6 miles, \$36,000.

MONO COUNTY—Between Sonora Junction and Coleville (widening and realignment, \$50,000. Guard rail, 2000 feet, \$2000. Dogtown to Point Ranch, realignment, grading and surfacing, 3.65 miles, \$20,000. Realignment at Hilton Creek 1.6 miles, \$10,000. North and south of Tioga Junction widening and surfacing 6 miles, \$40,000. McGee Creek to Convict Creek, surfacing 3 miles, \$12,000. Small bridges, \$10,000.

Valley Route to Point Near Silver Creek
CALAVERAS COUNTY—Widening existing underpass near Valley Springs, \$10,900.

San Bernardino to El Centro
IMPERIAL COUNTY—Brawley to El Centro, surfacing and oiling (portions, including town of Imperial), \$50,000. Tri-folium Canal to Salada Wash, widening and resurfacing 21 miles, \$353,000.

SAN BERNARDINO COUNTY—Redlands to southerly boundary, realignment, widening and resurfacing 7.2 miles, \$200,000. Mission Drain bridge, Santa Ana River bridge, San Timoto bridge, Warm Creek bridge, \$85,000.

El Centro to Yuma
IMPERIAL COUNTY—Aras underpass, San Diego and Arizona Railroad (state's share), \$25,000.

Redding to Nevada Line via Alturas
SHASTA AND MODOC COUNTIES—Redding to Alturas, grading, surfacing and oiling (portions), \$250,000.

Red Bluff to Nevada Line Near Purdy
TEHAMA, PLUMAS AND LASSEN COUNTIES—Red Bluff to Susanville, grading, surfacing and oiling (portions, co-operative project, \$250,000.

PLUMAS COUNTY—Bailey and Rock Creek bridges, \$25,000.

LASSEN COUNTY—Grade separation between Susanville and Purdy (state's share), \$25,000.

San Bernardino to Nevada Line Near Jean

SAN BERNARDINO COUNTY—Daggett to Jean, grading, surfacing and oiling (portions), 30 miles, \$300,000. Daggett to state line near Jean (Nevada), realignment, grading and surfacing, \$50,000.

Califa to Gilroy (Pacheco Pass)
MERCED COUNTY—Ten miles east of Los Banos to easterly boundary, crushed rock shoulders, 9.8 miles, \$30,000.

Valley Route Near Bakersfield to Paso Robles (Cholame Pass)

KERN COUNTY—Wasco to Route 4 (Valley route), grading, surfacing, oiling and structures, 9 miles, \$150,000.

CHOLAME PASS—Realignment, surfacing, oiling (portions), \$200,000.

Valley Route Near Arno to Pickett's Junction

AMADOR COUNTY—Jackson to Pine Grove, realignment, grading and surfacing 3 miles, \$9500. Widening underpass east of Ione, \$5000.

Auburn to Nevada Line Near Verdi
PLACER AND NEVADA COUNTIES—Cisco to Soda Springs, grading, surfacing, oiling, structures (portions), 10.65 miles, \$350,000.

PLACER COUNTY—Six railroad separations and approaches (state's share), \$250,000.

NEVADA COUNTY—Donner Monument to Tahoe Junction, grading, surfacing, oiling, \$25,000.

Meyers to Nevada Line via Truckee River

PLACER COUNTY—Truckee River bridge and approaches, \$20,000.

EL DORADO AND PLACER COUNTIES—Emerald Bay to Tahoe City, realignment, grading, surfacing, \$175,000. San Bernardino, end of County Pavement, to Bear Lake.

SAN BERNARDINO COUNTY—Crest Route, grading and surfacing (co-operative project), \$500,000. Crest Drive, grading, \$150,000.

Willows to Highway Near Biggs (Orville-Willows Lateral)

BUTTE AND GLENN COUNTIES—Cutte City to Biggs, grading and surfacing 7 miles, \$70,000.

Orland to Chico
GLENN COUNTY—Hamilton City bridge approaches, surfacing and oiling (portions), \$50,000.

McDonald to Navarro
MENDOCINO COUNTY—Bridges and approaches, \$60,000.

San Francisco to Point Near Glennwood (Skyline Boulevard)

SAN MATEO COUNTY—Lo Honda road to Saratoga Gap, grading, surfacing and oiling (portions), 7.5 miles, \$300,000. Santa Maria to Freeman via Bakersfield

And Walker Pass

KERN COUNTY—Maricopa to Valley route, grading, surfacing, oiling (portions), 12.5 miles, \$1000,000. Bakersfield to Freeman, grading, surfacing and oiling (portions), 12.5 miles, \$100,000. Freeman to Walker Pass, grading, \$15,000.

o ave to Arizona Line Near Topock via Barstow

SAN BERNARDINO COUNTY—Daggett to Topock, grading, surfacing and oiling (portions), 45 miles, \$425,000. Daggett to Topock (Needles road), realignment, grading and surfacing, \$50,000.

El Rio to San Juan Capistrano

LOS ANGELES AND VENTURA COUNTIES—Santa Monica to Oxnard, surfacing and oiling, paving (portions), 25 miles, \$900,000.

LOS ANGELES COUNTY—Riprap protection along ocean shore, \$40,000.

VENTURA COUNTY—Rip rap protections along ocean shore, \$40,000.

La Canada to Mount Wilson Road via Arroyo Seco

LOS ANGELES COUNTY—Flood protection walls, Arroyo Seco, \$25,000. La Canada via Arroyo Seco to Mt. Wilson road, grade and surfacing portions, \$200,000.

Mecca to Blythe

RIVERSIDE COUNTY—Grading, surfacing and oiling (portions), 22.5 miles, \$235,000. Mecca to Blythe, realignment, grading and surfacing, \$50,000.

Auburn to Sonora (Mother Load Highway)

CALAVERAS COUNTY—Mokelumne Hill to Angels, grading, surfacing, oiling (portions), 5 miles, \$100,000.

AMADOR COUNTY—Drytown to Martell, grading, surfacing and oiling (portions), 4 miles, \$75,000.

TUOLUMNE COUNTY—Shaws Flat to Sonora, grading, surfacing and oiling (portions), 1.5 miles, \$20,000.

Manteca to Point Near Mossdale Store
SAN JOAQUIN COUNTY—Mossdale to Manteca, grading, surfacing and oiling, 2 miles, \$50,000.

San Francisco to San Jose (Bay Shore Highway)

SAN MATEO COUNTY—Grading, surfacing and oiling, San Francisco to South San Francisco, 4.8 miles, \$625,500. Surfacing and oiling, South San Francisco to Broadway Station, 5.2 miles, \$150,000. Grading and surfacing, Broadway Station to San Mateo, 3 miles, \$180,000. Visitation Valley to South Francisco, crushed rock shoulders, \$15,000.

San Rafael to San Quentin

MARIN COUNTY—Grading, surfacing and oiling, 3.1 miles, \$120,000.

Sierra-to-the-Sea

FRESNO AND MONTEREY COUNTIES—Work on Mustang Grade, \$51,000.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1354-S SALES ENGINEER, to develop the sale of air and electric portable drills, air compressors and tools for use of contractors and machine shops. Commission only. Location East Bay.
R-1145-S SALES ENGINEER, to handle a line of oil well supplies in California territory. Must be experienced salesman and a good producer. Salary and expenses. Headquarters San Francisco or Los Angeles.

R-1440-S JUNIOR ENGINEER, preferably mining or civil graduate with some practical experience for a position in Colombia, S. A., with dredging company, requiring surveying, mapping and estimating. Apply by letter with references. Salary \$150-\$200, plus expenses on two year contract. Headquarters, San Francisco.

R-1431-S SALES MEN, to sell electrical appliances for public utility company. Some positions for gas appliances and heating men. Technical graduates preferred for advancement based upon sales record. Northern California territory involves traveling and men with cars preferred. Small salary and commission. Headquarters, San Francisco.

N-2575-S SALES ENGINEER, must be graduate of mechanical engineering school of high standing. Selling experience in machine tool field desirable. Should have recommendations from reliable concerns as to character, integrity, truthfulness and initiative. Should have attractive personality and be good mixer. Traveling part of the time. Apply by letter, with photograph. Headquarters Ohio.

CITY OF L. A. MAY BUILD BIG STEAM PLANT

The right of Los Angeles to spend money appropriated from its power and light revenues during the present year for the construction of a steam standby plant at the harbor, was upheld by Superior Judge Clair S. Tappan.

However, the court ruled that approximately \$1,100,000 which the power and light department had appropriated to its \$5,000,000 construction program should be properly regarded as bond money rather than revenue money.

The \$1,400,000 could not be spent legally for the building of the plant, Judge Tappan decided.

Power bureau officials said that the ruling on this item would not seriously effect the bureau's construction program. The amount budgeted this year for construction of the steam plant is approximately \$2,230,000.

THE OBSERVER

What He Hears
and Sees
On His Rounds



New Homes were provided 31,447 persons in San Francisco during 1927, according to a report compiled by Leonora C. Willems, manager of the Information & Statistical Department of the Chamber of Commerce, recently. Some 2912 families were accommodated in new single dwellings, 423 families in new flats and 5480 in new apartments, according to the report. These figures were arrived at by estimating 4.5 persons to a family in homes and flats and three persons per family in apartments.

The report shows a close race in the construction of homes and apartment houses in the matter of value as recorded on the building permits issued for building of same. The construction table accompanying the report, is as follows:

Type of Bldg	No.	Cost
Single dwellings	2912	\$13,006,351
Flats	247	1,926,069
Apartment houses	385	13,776,928
Com'l. Buildings (including public garages, stores, offices and service stations)	139	1,722,530
Industrial Bldgs. (including industrial plants, shops, lofts, warehouses, sheds)	121	2,365,175
Miscellaneous (including private garages, schools, hotels, churches, clubs, theatres)	182	6,724,718

The above table does not include number of permits issued for alterations, reconstruction, etc., which brought the total number of permits issued during 1927 up to 9190 with total cost of \$47,932,848 for the year.

Construction of commercial buildings comprised the bulk of heavy engineering operations carried on in the United States during the past year. Engineering News-Record has reported that during 1927 a total of \$1,632,338,000 went into this type of work alone. Total contracts on engineering projects for the year amounted to \$2,253,766,000 as against \$2,853,842,000 in 1926. The totals by classification for the year follow:

Waterworks	\$ 53,189,000
Sewers	118,032,000
Bridges	143,645,000
Excavations, drainage, etc.	42,005,000
Streets and roads	525,069,000
Industrial buildings	321,315,000
Commercial buildings	1,632,338,000
Federal government	50,768,000
Unclassified	367,410,000

Total \$3,253,766,000
The Engineering News-Record's construction cost index number on January 1 stood at 203.90, showing no change compared with a month ago. Compared with a year ago, however, the index number shows a drop of 3.5 per cent. The decline reflects a slight easing in materials prices. Skilled labor rates, taking the country as a whole, moved to higher levels. The construction volume index number rose to 319 for December, averaging 263 for the year, which is 35 points above the 1926 level.

The city council of Los Angeles has reduced electric rates of its municipal system, according to word received by Attorney John J. Daily, chief legal advisor of the city of San Francisco in the valuation proceedings being conducted against the Pacific Gas and Electric and Great Western Power companies. Daily said the action is bound to have effect in the fixing rates in California by private corporations. Top lighting rate was cut to 4½ cents per kilowatt hour and the top rate for power to 4 cents per kilowatt hour. The top lighting rate will be 1½ cents below the rate of companies in San Francisco. Some months ago Los Angeles reduced electric rates and privately-owned companies were compelled to reduce their rates, Daily said.

America's favorable balance of trade in 1927 was \$681,707,000, the Department of Commerce announces. Exports for the year totaled \$4,866,160,000, while imports were \$4,420,800,000.

Selection of the American Committee of the World Congress of Engineers, to be held in Tokyo in November, 1929, is announced. The appointments were made by Secretary Herbert Hoover, as honorary chairman, and include Thomas A. Edison, John Hays Hammond, Samuel Insull, William B. Mayo and Charles M. Schwab. Those named from this state are: William F. Durant and Charles D. Marx, Stanford University; Carl E. Grunsky, San Francisco, and Robert A. Milliken, Pasadena. Promotion of international co-operation in the study of engineering are announced purposes of the congress. The enterprise is sponsored by the Japanese government.

Although a large volume of building is in progress throughout the State, there was a surplus of building craftsmen in December, according to the United States Employment Service. Workers seeking employment are continuing to arrive in Southern California in unusually large numbers from practically every State in the Union, the report says. Outdoor industries in Oregon are employing fewer men and there are virtually no demands for help from agricultural or general construction sources in Washington, it is reported.

Suit to obtain judgment of \$1500, plus \$300 attorney's fees and costs, has been filed in superior court at Oroville by the Henry Gervais Co. against Charles S. Mabrey Construction Co., the Globe Indemnity Co., and the county of Butte. The amount of damages asked is for work done on the Chico Memorial Hall, the complaint recites. The Mabrey Construction Co. was awarded contract for the building on December 6, 1926, and has been paid \$41,428.10 of the total contract price, the complaint alleges. A total of \$22,858.65 due Mabrey is held by the county because notices of withhold have been filed by the plaintiff and other claimants, the action sets forth.

The Construction of an elaborate system of superhighways, greatly enlarging the Federal aid highway program, which provides for 182,000 miles of Federal-aid road, has been asked in a bill just introduced in Congress by Senator H. Moses of New Hampshire. The measure, actively supported by the American Motorists Association, provides for a highway as direct as practicable between the Atlantic and Pacific Coasts and for cross highways, which would connect the entire United States.

A representative of the General Electric Company will arrive at the Santa Clara University Jan. 26 to interview professors of engineering and senior students in that branch of collegiate training with the purpose of making a selection of one of the members of the graduating class for work and further study with the General Electric Company next year. Each year the General Electric Company selects a student from the university, employs him at a fair salary, and fits him for further work and advancement in the corporation. The men chosen must stand high in their chosen field of engineering work. The Westinghouse Company has likewise chosen Santa Clara students for similar work.

American Iron & Steel Institute, speaking before the Lawyers' Club in New York, declared he would attempt to have the institute adopt a resolution embodying the principle of commercial arbitration throughout the steel industry. He explained that by this plan disputes arising in the trade would be settled before an arbitration board instead of being carried to the courts.

Oakland building activities in 1927 totaled \$20,794,669, according to figures compiled by A. S. Holmes, city building inspector. During the year 7770 permits were issued. August was the heaviest month of the year with a total of \$2,157,881. June was next with \$2,141,720. December was low month of the year, only \$756,549 in permits being issued. Frame construction led the type of structures erected, with \$10,509,844 in permits issued. Concrete construction was next with \$6,389,133, brick third with \$3,142,699.

Albert Mansfield, police judge and attorney of Redwood City, will seek a franchise from the San Mateo County Supervisors for a toll bridge over San Francisco Bay. The proposed bridge would extend a distance of 45,000 feet from Sunnyvale Ave. and State St., Redwood City, to the foot of Webster St., Alameda. It would be 40 feet wide and so constructed to permit doubling the width. Eastern capital will finance the project, Mansfield says.

A bill, fostered by the American Motorists Association, and allied automobile organizations, for the construction of a nation-wide system of hard surfaced roads has been introduced in Congress by Rep. William P. Holaday. The roads range in width from 20 to 60 feet. The measure provides that all highways, radiating out of cities over 200,000 population, must be 50 feet wide for 25 miles out from the city.

December sales of the General Fireproofing Co., according to word from Youngstown, Ohio, were 70 per cent larger than in any previous December and 20 per cent larger than in any previous month in the company's history. President W. H. Foster stated. The company is a metal furniture and office equipment producer. The situation is regarded as reflecting good oncoming business and a continuation of the building movement.

San Francisco Playground Commission proposes bond issue for \$5,000,000 to finance purchase of playground sites and improvement of present playgrounds in various sections of city.

TRADE NOTES

Gilmore Iron & Steel Co., of San Francisco, capitalized for \$50,000, has been incorporated. Directors are: W. G. Gilmore, C. G. Calussen and W. F. Postel.

"Newsom Bros., architects, announce removal of their offices about Feb. 1 from 14 New Montgomery St., San Francisco, to the Federal Realty Bldg., Broadway and Telegraph Ave., Oakland.

Canyon Lumber Co., of Santa Ana, capitalized for \$10,000, has been incorporated. Directors are: John L. Bricks, Laguna Beach; R. C. Mize and A. W. Rutan of Santa Ana.

T. Hemi and A. W. Pape, general partners, and Sam Senkovich and J. W. Lanigan as special partners, comprise the business interests in the Alta Roofing Co. of San Francisco. A special partnership notice has been filed with the county clerk.

Kenneth Smith has been appointed secretary-manager of the reorganized Lumber Dealers Association of Los Angeles, with headquarters in the Western Pacific Building. He was formerly general sales manager of the E. K. Wood Lumber Co.

Pacific Coast Steel Co., Raymond Concrete Pile Co. and Coast Rock & Gravel Company have leased offices in the recently completed Hunter-Dulin Building, 111 Sutter St., San Francisco.

Austin-Western Road Machinery Company has let contracts in connection with a new plant to be erected in the manufacturing district at Los Angeles. The plant will cover a ground area of 150 by 100 feet.

General Water Heater Corp. will start construction shortly on a new plant at Burbank, Calif. It will be of steel frame construction with brick and corrugated iron exterior walls and will cover an area of 80 by 600 feet.

W. A. Bechtel, San Francisco highway contractor, associated with the Kaiser Rock Company of Livermore, will construct a \$200,000 rock crushing plant on the Oroville-Marysville road, near Power House Hill, according to word from Oroville. The plant will have a capacity of 4000 tons a day. Two miles of railroad and spur tracks will be constructed in connection with the project. The plant merical crushed rock field in the Butte ls. being built primarily to produce approximately 1,000,000 tons of ballast rock for the Western Pacific Company's lines between Portola, Plumas County, and Oakland, a distance of approximately 3000 miles. According to reports, Bechtel is said to be planning to enter the community section.

Gladding, McBean & Co., with main offices in San Francisco and with investments of \$12,000,000 on the Pacific Coast, plan to expend at least \$200,000 during 1928 for machinery and equipment for the Seattle plant, in a program of general expansion entered upon because of the company's faith in the business prosperity in the Pacific Northwest, it is announced by Atholl McBean, president of the company. Mc. McBean also announces the purchase of 1300 acres of new white burning clay properties in the Northwest which will permit the company to manufacture face brick tile in many new colors. The company manufactures all types of brick tile, terra cotta work and clay products.

ALONG THE LINE

Prof. C. W. Cook, civil engineer, recently addressed the Architect's League of Hollywood on earthquake construction.

Ernest Flores, Richmond architect, has opened an office at 101 Franklin St., Oakland, and will be associated with Ralph E. Wood.

Arthur S. Dudley, secretary-manager of the Sacramento Chamber of Commerce, has been informed of his appointment as Pacific Coast director of the National Rivers and Harbors Congress. The aim of the congress is to advocate policies for the improvement of transportation, rivers and harbors, the work being of a national scope. The congress has nine directors and the appointment of Dudley is recognized as important in the development of the Sacramento river.

The Engineering Society of the University of Santa Clara will hold its annual card party in Seifer gymnasium, February 17.

John H. DeLange and Allen C. Collins, architects, have formed a partnership and will maintain offices in the Pajaro Valley Bank Bldg., Watsonville. Mr. Collins formerly operated in Santa Cruz.

Edward Hyatt, Jr., state engineer and chief of the Division of Engineering and Irrigation, has received an invitation from Hubert Work, Secretary of the Interior, to attend a conference of all state engineers in Washington, D. C., Feb. 14 and 15.

Edward McLaughlin has been appointed city electrical inspector of Richmond, Contra Costa County. The position pays a salary of \$200 per month and was formerly combined with that of city building inspector.

George Calder, vice-president of the American Toll Bridge Co., has been elected president of the general contracting firm of Duncanson-Harrelson Co. of San Francisco.

San Leandro, Alameda county, will vote in April on the proposed adoption of the city manager form of government.

San Francisco Civic League of Improvement Clubs suggests that the city adopt as its slogan "a tunnel a year" as a means of permanently solving the congested traffic problem. The first tunnel project proposed is that in Broadway between Mason and Larkin streets.

Johns-Manville Co., has taken over the asbestos mining claims owned jointly by Benjamin C. Jones, Lake County district attorney and Arthur Copey of Lower Lake, which are located in the district north of Big Canyon and about two miles from Adams Springs. The deal was closed last week by C. H. Shoemaker of New York and N. A. Nelson of Canada, representing the company.

The annual banquet of the San Francisco Mason and Builders' Association will be held January 28 at the Richelieu Hotel, Van Ness Ave. and Geary St., San Francisco, it is announced by Walter N. Reed, Secretary, who is arranging a program of entertainment. A good time coupled with the usual good fellowship displayed at the association socials will prevail, Reed declares.

HERE — THERE — EVERYWHERE

Henry C. Cutting addressed the Berkeley Builders' Exchange January 17 on the banking system and its effect on business in general.

General meeting of Pasadena Builders' Exchange will be held Jan. 27, it is announced by Geo. W. Israel, secretary. This will be Ladies' Night and dinner will be served with the material dealers in charge of the menu.

P. M. Sanford, president of the Richmond Builders' Exchange, has been re-elected president of the Richmond Chamber of Commerce. Mr. Sanford is now serving his third term as president of the body.

Forty-eight master plumbers have petitioned the Oakland City Council to modify the plumbing ordinance which requires the posting of a cash bond of \$200. They asked that this bond be reduced and that permit fees be lowered. Attorney Peter J. Crosby was spokesman for the plumbers. The matter was referred to the department of public health and safety.

No action was taken at the Jan. 12 meeting of the Master Plumbers' Association of Santa Barbara on the demand of the local plumbers' union for an immediate increase of \$1 a day. The plumbers are now getting \$10 a day and claim the increased cost of living demands the additional one dollar a day.

*Fred Goodcell, manager of the publicity department of the Los Angeles Builders' Exchange, has been appointed acting secretary of the exchange. He will also have charge of the publication of the Builders' Exchange Bulletin, formerly conducted by Lyle Eveland. C. W. McLeod, advertising manager of the Bulletin, will be associated with Goodcell.

Uniform building regulations were discussed by M. C. Poulsen, office engineer in the Fresno Department of Public Works, at the weekly meeting of the Fresno 20-30 Club held at the California Hotel, Fresno, Jan. 10. "Uniform building codes tend to reduce building costs," said Poulsen. "They benefit the city and increase the standards of buildings so far as fire protection and other standards are concerned."

Showing the various processes of making white lead into paint a film of the National Lead Company was exhibited at the Sacramento Builders' Exchange under the auspices of the Master Painters Association. The film was presented under the direction of A. W. Scott, assistant Pacific Coast manager of the company; Dave M. Schindler, sales manager; Vane Files, architectural representative, and W. D. Herman, Sacramento field representative.

Greater support of California payrolls, adoption of the Uniform Building Code, and extension of marketing territory in Western States, are some of the objectives of the annual State Conference of the iron, steel and allied interests meeting at Del Monte, scheduled for February 16, 17 and 18. These are selected by the Executive Committee of the Northern Steel Committee of the California Development Association. Other objectives are a greater effort towards centralization of leadership, and standard specifications and practices for increased efficiency in production and distribution.

MARINE PILING STUDY REPORT READY FOR DISTRIBUTION BY U. OF C.

A final and complete report of the investigations of the San Francisco Bay Marine Piling Committee, which for a number of years has been seeking a method of overcoming the menace of marine boring organisms, has just been published and made ready for distribution by the University of California Press.

The editors of the publication are Dr. Charles A. Kofoid, chairman of the Department of Zoology of the University, and C. L. Hill of the United States Forest Service, stationed on the Berkeley campus of the University. The work of the committee with which they have been connected is sponsored by the National Research Council and the American Wood Preservers' Association.

In the announcement of the purpose of the work the editors state: "This is the final report of a committee of engineers, of corporations interested in marine structures, representatives of the United States Forestry Service, and chemists and biologists of the University of California, dealing with the disastrous and spectacular attack of marine borers upon marine structures in San Francisco Bay and adjacent waters. It contains the history of this event and scientific analysis of the hydrographic conditions in which the outbreak occurred."

The work includes the results of tests of piling of practically every description, which started in 1920. Various local

and foreign woods have been tried and every known method of protecting the wood has been used. The service records of many thousands of piles of various types treated with various methods of protection against borers are tabulated and conclusions drawn as to the value of the various methods of production.

An extensive chapter of marine structures is concerned with the economic life, the cost of installation of piling of various types, the annual cost, the installation and construction practice with reference to substrata, mudline, bottom penetration, relative depth of stresses, handling piles, driving, bracing, cutting and framing, flooring system, fender piles, fire hazard, inspection, workmanship, repair, harbor sanitation and records.

The chapter on marine substructure materials is concerned with the use of different woods and the protection of piling by bark, metal, paint, paint and battens and combinations of these and with certain miscellaneous protective devices. Cressed piling, concrete piling, concrete and timber piling and concrete jackets of various kinds are also dealt with. The volume contains 357 pages, 45 tables and 143 illustrations.

About one-half of the report is devoted to the various kinds of marine borers, including the notorious shipworm, *Teredo navalis*.

"A plentiful supply of local agricultural labor is anticipated for 1928, with the addition of fruit pickers and packers that travel through the fruit regions of the state.

Lumber Industry

"Lumber production was less in 1927 than in 1926, particularly in the pine region, and no marked improvement is looked for in 1928."

Of the other Pacific Coast states, the forecast for Washington is even more optimistic, with much big construction work planned, but for Oregon, the decline in the demand for lumber brings the prediction that there is no present indications that there will be an increase in employment in industries in that state during the year. Building and general construction work, on the whole, will not be as great as during the past year, reports from Oregon indicate.

FRED L. DICKEY NAMED RECEIVER FOR UNITED CLAY PRODUCTS CORPORATION

Fred L. Dickey of Kansas City, Mo., has been appointed receiver of the United Clay Products Corp., a corporation operating 32 brick plants in Missouri, Iowa, Arkansas, Kansas and Oklahoma. Attorneys representing creditors with specific claims of \$616,357 filed an involuntary bankruptcy proceedings on December 21.

Rehabilitation of the corporation under the receivership of Mr. Dickey, brother of N. A. Dickey, general manager of the W. S. Dickey Clay Manufacturing Co. of San Francisco, will be started immediately, as the creditors desire no liquidation if it is avoidable.

Maurice H. Winger of Kansas City has been appointed counsel for the receiver.

M. L. Friedman, representing the creditors, said at the time the involuntary petition was filed that he also represented creditors with a total of \$300,000 in claims.

Mr. Fred L. Dickey was selected receiver due to his qualifications, he being general manager of the W. S. Dickey Clay Manufacturing Co. in Kansas City and thoroughly familiar with the brick manufacturing industry—also that he had previous experience as a receiver of other companies. The appointment of Mr. Dickey was acceptable to the creditors, none of whom raised an objection.

When the consolidation of the 32 brick plants was effected in January, 1926, the organization was conceded to be the largest brick manufacturing concern in the country. Annual output of the plants scattered over Missouri, Iowa, Kansas and Oklahoma was placed at more than 500,000,000 brick. The merger represented an \$8,000,000 project, with headquarters in the Lee Building, Kansas City.

The United Clay Products Corp. was incorporated January 15, 1926, under the laws of Delaware, with a capitalization of \$3,625,000.

Details of the merger were planned by the New York engineering firm of Flint & Co., which promoted the project. The merger represented more than half the brick manufacturing units in the Middle West.

Harry Allyn of New York was selected as president of the corporation. He had been active in promoting the project. Other officers are: Clarence R. Obrien, New York, secretary-treasurer; John H. Atwood, Kansas City, general counsel; F. R. Moulton, secretary, and Fred C. La Fountain, Kansas City.

The most complete grass garden in the United States, located in Berkeley at the University of California, is being moved to permit expansion of the research along this line.

FEDERAL LABOR DEPARTMENT PREDICTS HIGH BUSINESS LEVELS

The fact that this is a presidential year will have no deterrent effect upon the country's business prospects, but on the contrary the year 1928 will see American industry and business touch new high levels, is the optimistic forecast contained in the annual report on national business and employment conditions, issued by the federal department of labor.

High forecast to his annual report Francis I. Jones, director-general of the federal employment bureau, says:

See New High Levels

"Contrary to precedent established in former presidential election years, when the business world stood by awaiting results before charting their programs, the opposite is true at this time. Instead industry and business will mark new high levels in 1928.

"The pessimists, doubting Thomases and the iconoclasts will be obliged to revise their opinions with respect to the nation's industrial future.

"All signs point to the biggest year in the history of the automotive industry. Iron and steel point to marked increases over 1927. The position of agriculture shows improvement. Railroads will undoubtedly enjoy normal business."

The report adds, however:

"owing to the increased introduction of labor-saving machinery, considerable labor will be displaced but the volume of business is expected to register a new high level."

California Conditions

"Of conditions in California, the report says in part:

"Industrial activity in California was below normal from April to September,

of 1927, but more recently has increased, and forecasts indicate that business in general will increase during the first six months of 1928 to a point near or above the normal trend.

"Manufacturing will undoubtedly pick up, especially in the San Francisco Bay region and Los Angeles. There should be more work for skilled labor in 1928 as compared with 1927. It is anticipated, however, that the local labor supply will be adequate to take care of a demand. There is always a surplus of unskilled laborers throughout the state, notably in southern California.

"Little increase and in some instances decrease in the building program of the various cities of the state for 1928 is indicated, with building trades men in excess of demands.

"Public improvements by municipalities should be about the same or larger. Due to bond election of several boulevard units and municipal railroad extension, together with school building program, there will be more public work in 1928 in San Francisco.

Highway Building

"Highway construction will be increased considerably in 1928. The state highway commission will have available \$15,000,000 in new funds for construction, in addition to the regular budget.

"Prospects for agriculture, horticulture and livestock are generally favorable, with water tables in irrigable districts higher than last year and growing conditions good. New fruit and grape acreage should come into bearing in 1928 and increase the output and labor demands. Increased acreage may be expected in cotton, lettuce, sugar beets and grains.

Building News Section

APARTMENTS

Sub-contracts Awarded
APARTMENTS Cost \$17,000
SAN FRANCISCO, E Pierce st. 200 S
Capra way.

Two-story and basement frame and
stucco apartment building, 2 2-room,
2 3-room and 1 4-room apts.

Owner—Pring & Lesswing.
Architect—Pring & Lesswing, 605 Mar-
ket st.

Contractor—H. B. McKinney, 1487 45th
avenue.

Structural steel—Schrader Iron Works,
1247 Harrison st.

Refrigeration—Frigidaire Co., 871 Mission
street.

Tile Roofing—H. & H. Roofing Co., 2734
Army st.

Ventilation—Gunn-Carle Co., 444 Market.
Sheet metal work—E. Barton, 249 Valen-
cia st.

Glass—Tyre Bros., 666 Townsend st.
Painting—W. W. Baldwin, 1920 Clement.

Tile work—Dix Johns, 760 Geary st.
Lumber and mill work—Spring Valley
Lumber Co., 2401 San Jose ave.

Electrical work—Fred W. Minkel, 1900
Army st.

Plumbing—J. Camp & Co., 1093 Natoma.
Wall beds—Marshall & Stearns, Phelan
Bldg.

Deafening felt—Badt-Falk & Co., Call
Bldg.

Plastering—Pete Vannelli, 3235 Pierce st.
Heating—A. G. Atwood, 315 Urbano dr.

Stair work—J. K. Stewart, 3150 18th ave.

Contract Awarded
APARTMENTS Cost \$30,000
OAKLAND, Alameda Co., S 39th st.
W Grove.

Three-story frame and stucco apart-
ment bldg., 18 apts. and garage.

Owner—Oskar Lindeman.
Architect—None.

Contractor—Carl Johnson, 2185 50th ave.,
Oakland.

Grading Contract Let—Sub-Bids Being
Taken.

APARTMENTS Cost, \$200,000
SAN FRANCISCO, SW Leavenworth
and O'Farrell Streets.

Eight-story Class A apartment building
(75 2-room apts.)

Owner and Builder—Marian Realty Co.,
110 Sutter St., San Francisco.

Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Grading—Sibley Grading & Teaming Co.,
65 Landers St., San Francisco.

As previously reported, structural steel
awarded to Central Iron Works, 2050
Bryant St., San Francisco.

Additional Sub-Contracts Awarded.
APARTMENTS Cost, \$175,000
SAN FRANCISCO, Octavia and Bush
Streets.

Six-story reinforced concrete apartment
building (36 2 and 3-room apts.)

Owner—W. L. Penziner, 58 Sutter St.,
San Francisco.

Plans by Owner.

Carpets and Linoleum—D. N. & E.
Walter, 562 Mission St., San Fran-
cisco.

Stoves—Wedgewood Stoves (as specified)

Sub-Contracts Awarded.
APARTMENTS Cost, \$40,000
OAKLAND, Alameda Co., Cal. Warfield
Avenue.

Three-story and basement frame and
stucco apartment building (12 3-room
apts.)

Owner—E. Field.
Architect and Contractor—Ephraim Field,
American Bank Bldg. Oakland.

Electric Wiring—Fritz Electric Co., 343
Ninth St., Oakland.

Plastering—S. Callarafi, 2083 Broadway,
Oakland.

As previously reported, Lumber awarded
to Blackman Anderson Co., High and
tidal canal, Oakland; heating and plumb-
ing to A. Poulsen, 354 Hobart St., Oak-
land.

Building Permit Applied For.
APARTMENTS S Cost, \$—
SAN FRANCISCO, SE Lombard and
Polk Streets.

Six-story steel frame and concrete apart-
ment building (number of apts. not
decided).

Owner & Builder—Herman Hogrefe, 637
Fawell St., San Francisco.

Architect—E. E. Young, 2002 California
St., San Francisco.

As previously reported, excavating
awarded to B. Rosenberg, 58 Merlin St.,
San Francisco.

Excavating Contract Awarded.
APARTMENTS Cost, \$75,000
OAKLAND, Alameda Co., Cal. Ivy Dr.
and Seventh Ave.

Four-story and basement Class C apart-
ment building (21 2 and 3-room apts.)

Owner—Ray Blanco.
Architect—E. Reede Hardman, Berkeley
Bank Bldg., Berkeley.

Excavating—J. Catucci, 1212 18th Ave.,
Oakland.

Sub-Bids Being Taken.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, N Lombard Street —
W Steiner Street.

Three-story frame and stucco apartment
building (16 2 and 3-room apts.)

Owner and Builder—Magnuson & Peter-
son, 175 Vasquez Ave., San Francisco

Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Sub-Bids Being Taken.
APARTMENTS Cost, \$—
SAN FRANCISCO, E Scott St. 54 N
Beach St.

Three-story frame and stucco apart-
ment building (12 3-room apts.)

Owner and Builder—V. Rasmussen, 3035
Baker St., San Francisco.

Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Sub-Contracts Awarded
APARTMENTS Cost \$200,000
SAN FRANCISCO, SW Leavenworth and
O'Farrell sts.

Eight-story class A apartment building
(75 2-room apts.)

Owner and Builder—Marian Realty Co.,
110 Sutter st., San Francisco.

Architect—H. C. Baumann, 251 Kearny
st., S. F.

Lumber—J. H. McCallum, 748 Bryant st.
Reinforcing steel—Soule Steel Co., Rialto
Bldg.

As previously reported, structural steel
awarded to Central Iron Works, 2050
Bryant st., S. F.

Plans Being Completed.
APARTMENTS Cost, \$150,000
SAN FRANCISCO, NE Dolores and
Fourteenth Streets.

Five-story and basement reinforced con-
crete Class C apartment building (74
rooms.)

Owner—P. A. Braunsvarth, 3926 18th
Ave., San Francisco.

Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Bids will be taken Jan. 25th for a gen-
eral contract.

Sub-Bids Being Haken.
APARTMENTS Cost, \$350,000
SAN FRANCISCO, California and La-
guna Streets.

Six-story, basement and two sub-base-
ments Class C apartment building
(basement and sub-basements to be
of Class A construction; all modern
conveniences).

Owner—American Improvement Co.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.

Sub-Bids To Be Taken Soon.
APARTMENTS Cost, \$45,000
SAN FRANCISCO, N Sutter St. 50 E
Presidio Ave.

Three-story and basement frame and
stucco apartment building (15 apts.)

Owner—Stempel & Cooley, Hearst Bldg.,
San Francisco.

Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Building permits applied for.

Sub-Bids To Be Taken Soon.
APARTMENTS Cost \$35,000
SAN FRANCISCO, N Sutter St. 100 E
Presidio Ave.

Three-story and basement frame and
stucco apartment building (12 apts.)

Owner and Builder—Stempel & Cooley,
Hearst Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Building permit applied for.

Sub-Bids To Be Taken.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, NE Presidio Ave. and
Sutter Street.

Three-story and basement frame and
stucco apartment building (21 apts.)

Owner and Builder—Stempel & Cooley,
Hearst Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock
Bldg., San Francisco.

Building permit applied for.

Sub-Bids Being Taken
APARTMENTS Cost \$60,000
SAN FRANCISCO, SW North Point and
Broderick sts.

Three-story frame and stucco apart-
ment bldg., 6 2-room, 7 2-room and
1 4-room apts.

Owner and Builder—T. B. Strand, 882
31st ave.

Architect—R. R. Irvine & L. Ebbets, Call
Bldg.

Sub-Contracts Awarded
APARTMENTS Cost \$—
SAN FRANCISCO, Herman st. — E
Buchanan st.

Six-story steel frame and concrete apart-
ment building (96 rooms, 2 and 3-
room apts.)

Owner—Withheld.
Architect—Oscar Thayer, 110 Sutter st.,
San Francisco.

Contractor—Charles A. Laughlin, 649
Gough st., San Francisco.

Work includes concrete work, rein-
forcing steel, form work, all labor on
mill and lumber work.

Structural steel—Golden Gate Iron Wks.,
1541 Howard st., \$10,920.

Electrical work—Langlais Electric Cons.
Co., 172 Tehama st.

Elevators—S. F. Elevator Co., 860 Folsom
street.

Heating—J. B. La Pointe, 380 Urbano dr.
Reinforcing steel—W. S. Wetenhall, 17th
and Wisconsin st.

Construction has just been started.
(914) 1st report No. 26; 2nd Dec. 27, 1927

FOR

QUALITY WORK

QUICK SERVICE

SPRAY

PAINTING

CAPITAL

COMPRESSED AIR

PAINTING CO.

1508 J ST. MAIN 445 SACRAMENTO

WATER PROOFING

DAMP PROOFING

FLOOR HARDENING

Sub-Contracts Awarded.
APARTMENTS Cost, \$108,000
SAN FRANCISCO. N Pine Street — E Hyde Street.
 Six-story steel frame and concrete Class C apartment building (54 rooms, 2 and 3-room apts.)
 Owner—Lincoln Investment Co.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Contractor—J. A. Johnson, 1043 Russ Bldg., San Francisco.
Concrete—Stur Concrete Co., Geary St., San Francisco.
Ornamental Plaster—O. E. Larson, 480 Potrero Ave., San Francisco.
 As previously reported, reinforcing steel awarded to Budd-Falk Co., 74 New Montgomery St., San Francisco; structural steel to Central Iron Works, 2050 Bryant St., San Francisco.

Plans Being Prepared
APARTMENTS Cost, \$150,000
SAN FRANCISCO. Western Addition.
 Six-story class C concrete and steel frame apartment bldg., 50 2 and 3-room apts.
 Owner—Wittheld.
 Architect—Oscar Thayer, 119 Sutter st.

To Be Done By Day's Work.
APARTMENTS Cost, \$30,000
SAN FRANCISCO. SW Fifteenth and Castro Streets.
 Three-story and basement frame and stucco apartment building (12 apts.)
 Owner—English & Munson, 760 14th St., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
 Building permit applied for.

Plans Completed.
APARTMENTS Cost, \$180,000
SAN FRANCISCO. SW Sixteenth Ave. and Lincoln Way.
 Six-story steel frame and concrete Class C apartment building (90 rooms, 2 and 3-room apts.)
 Owner—Lincoln Investment Co.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Bids will be taken within a few days.

Construction to Start Immediately
APARTMENTS Cost, \$20,000
SAN FRANCISCO. E Guerrero st., S Market st.
 Three-story and basement frame and stucco apartment building (5 apts.)
 Owner—Anna Lalanne, 100 Dolores st., San Francisco.
 Architect—None.
 Contractor—Mr. Mathews, premises.

Contracts Awarded.
APARTMENTS Cost, \$600,000
SAN FRANCISCO. SW Union and Leavenworth Sts.
 Twelve-story and basement steel and concrete Class A apartment building (22 apts.)
 Owner—La Mirada Corp., % W. P. Chipman, 625 Market St., San Francisco.
 Architect—Reid Bros., 195 Montgomery St., San Francisco.
Excavating and Grading—Sibley Grading & Teaming Co., 165 Landers St., San Francisco, at \$5900.
Concrete Work—H. L. Petersen, 163 Sutter St., S. F., at \$77,156.
Structural Steel—Pacific Coast Engineering Co., Foot of 14th St., Oakland, at \$8395.
Carpentry Work—Chas. Stockholm & Son, Hearst Bldg., S. F., at \$49,252.
Hollow Tile—Mealey & Collins, 666 Mission St., S. F., at \$4400.
Metal Partitions, Plain and Ornamental Plaster, Etc.—Peter Bradley, 666 Mission St., S. F., at \$56,778.
Plumbing—W. F. Wilson Co., 242 4th St., San Francisco, at \$35,814.
Heating and Acoustic Tile—Scott Co., 243 Minna St., S. F., at \$28,138.
Metal Windows—Michel & Pfeffer Iron Works, 1415 Harrison St., S. F., at \$11,622.
Electrical Work—Matson-Seabrooke Co., 1115 Broadway, Oakland, at \$15,131.
Elevators—Spencer Elevator Co., 166 7th St., San Francisco, at \$15,547.
Hardwood Floors—Inland Floor Co., 600 Alabama St., S. F., at \$15,950.
Galvanized Iron Work—Guilloy Cornice Co., 1234 Howard St., San Francisco, at \$1221.
Painting—Raphael Co., 270 Tehama St., San Francisco, at \$14,653.

Contract Awarded
APARTMENTS Cost, \$50,000
OAKLAND. Alameda Co., E Fruitvale ave. 124 N Pleasant.
 Three-story frame and stucco apartment bldg.
 Owner—Elinor H. Forster, 1131 Fleet rd., Oakland.
 Architect—H. R. Hardman, 507 Berkeley Bank Bldg., Oakland.
 Contractor—Jas. E. Forster, 1131 Fleet rd., Oakland.
 Building permit applied for.

To Be Done By Day's Work.
APARTMENTS Cost, \$35,000
SAN FRANCISCO. NE McAllister St. and Masonic Ave.
 Three-story and basement frame and stucco apartment building (12 apts.)
 Owner and Builder—R. A. Crothers, 916 Kearny St., San Francisco.
 Architect—None.
 Building permit applied for.

Plastering Bids Wanted.
APARTMENTS Cost, \$150,000 each
SAN FRANCISCO. Van Ness Ave. and Clay Street.
 Three five-story Class C steel frame and brick apartment buildings (2 and 3-room apts.)
 Owner—Van Clay Building Co., Inc.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Contractor—Stock, Maas & Sauer, 1820 Clay St., San Francisco.

Owner Taking Bids.
ALTERATIONS Cost, \$10,000
RICHMOND. Contra Costa Co., Cal. Sixteenth and Chanslor Sts.
 Alterations and additions to present hotel building (alter for hotel apartments.)
 Owner—S. Phillips, 193 Espee St., Richmond.
 Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.

Sub-Bids Being Taken.
APARTMENTS Cost, \$13,000
BURLINGAME. San Mateo Co., Cal.
 Two-story frame and stucco apartment building (4 3-room apts.)
 Owner and Builder—Lynn Miller, 1120 Balboa St., Burlingame.
 Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.

SACRAMENTO. Cal.—H. L. Flaven, 2477 5th ave., has filed application with city building inspector seeking temporary permit to erect apartment house and service station at northwest corner of Alhambra Blvd. and H st.; apartment house will have frontage of 160 ft. with barber shop, meat market and drug store on ground floor. Second floor will contain six apartments. A service station now on the site will be removed and a new station erected.

BONDS

REDWOOD CITY. San Mateo Co., Cal. Election will be held Feb. 7 in Sequa Union High School District to vote bonds of \$50,000 to purchase school sites and \$250,000 for additions to the present high school plant. Trustees of the district are: Walter T. Kellogg, Leonard H. Brown and J. D. Hedge.

HUNTINGTON PARK. Los Angeles Co., Cal.—Trustees of Huntington Park grammar school district will call election in Feb. to vote bonds of \$245,000 to erect new grade school and additions to existing schools. Arthur W. Angel, 2400 E Fifth st., L. A., is architect for district and has completed a survey of school needs.

ROSEVILLE. Butte Co., Cal.—Election will be held Feb. 4 in Center Joint School District to vote bonds of \$9000 to finance new school building. Election held last year failed by small majority. Trustees of district are: A. H. Warwick, C. A. Driver and R. B. Clemens.

LOS ALTOS. Santa Clara Co., Cal.—Trustees of Los Altos Grammar School District contemplates direct tax to finance additional classrooms for the grammar school building. Two rooms will probably be constructed, one for kindergarten purposes.

WATSONVILLE. Santa Cruz Co., Cal.—Election will be called shortly by Board of Education to vote bonds of \$125,000 to which will be added \$50,500 already on hand, to finance school improvements, involving:

Palm Avenue School, 13 classrooms, 12 room for primary grades and one for kindergarten purposes.

Elm Avenue School, 5 classrooms and kindergarten quarters.

Addition to Rodriguez School to contain 4 primary classrooms and kindergarten room.

Construction of brick or concrete, one-story in height. Plans will be prepared by Architect, W. H. Weeks, Hunter-Dulin Bldg., San Francisco.

DELANO. Kern Co., Cal.—Feb. 15 is date set in Delano Union High School District to vote bonds of \$75,000 to finance erection of new high school and remodeling the present assembly hall for an academic building.

ROSEVILLE. Placer Co., Cal.—Election will be held Feb. 4 in Center Joint School District to vote bonds of \$9000 to finance school improvements. Previous bond election defeated.

MARTINEZ. Contra Costa Co., Cal.—County supervisors sell \$11,000 bond issue of Vine Hill School District; proceeds of sale to finance erection of new school.

OAKLAND. Cal.—County supervisors will sell last block of Oakland School District bonds totaling \$1,568,000 in February. Proceeds of the sale of the bonds will finance school improvements.

CHURCHES

Plans Being Figured—Bids Close Jan. 23 3 P. M.
PARISH HOUSE Cost, \$7000
RICHMOND. Contra Costa Co., Cal. Sixth and Bissell Streets.
 Two-story and basement frame and stucco parish house and Sunday school.
 Owner—Christian Church.
 Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.

Plans Being Prepared.
ALTERATIONS Cost, \$50,000
SACRAMENTO. Sacramento Co., Cal. Twenty-seventh and N Sts.
 Alterations and additions to present church building (Bible school addition; auditorium, etc.)
 Owner—First Christian Church.
 Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
 Bids will be taken for a general contract in three weeks.

Preparing Working Drawings
CHURCH Cost, \$140,000
OAKLAND. Alameda Co., 29th and Fairmont aves.
 One and 2-story reinforced concrete church bldg.
 Owner—First Christian Church.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., S. F.; 1736 Franklin, Oakland, 246 S First st., San Jose.

MODESTO. Stanislaus Co., Cal.—Methodist Episcopal Church, Rev. A. C. Stevens, pastor, is having plans prepared for a \$100,000 edifice to be erected in Sixteenth St., bet. H and I Sts. L. L. Dennett is chairman of the building committee assisted by Leroy Morris and B. R. Hawke.

Preparing Working Drawings.
CHURCH Cost, \$40,000
VALLEJO. Solano Co., Cal.
 One-story brick church building.
 Owner—First Church of Christ Scientist
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

TEHACHAPI. Kern Co., Cal.—Community Congregational church plans immediate erection of new edifice; will be frame and stucco construction with Sunday school and social quarters in basement. Mrs. W. W. Phelps is clerk of the church board of trustees.

FACTORIES & WAREHOUSES

Contract Awarded.
SHOP Cost, \$10,000
SAN FRANCISCO. Twelfth and Market Sts., 45x76 feet.
Owner—Dunham Tire Co.
Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Contractor Taking Sub-Figures.
PRODUCE BLDG. Cost, \$50,000
SAN FRANCISCO. Davidson and Lane Streets.
Three-story reinforced concrete produce building.
Owner—Western California Products Co., Premises.
Plans by Mission Concrete Co., 125 Kissling St., San Francisco.
Contractor—Mission Concrete Co., 125 Kissling St., San Francisco.

Completing Plans.
FACTORY Cost, \$14,000
SAN FRANCISCO. Folsom and Rogers Streets.
Two-story and mezzanine floor Class C reinforced concrete factory building.
Owner—W. C. Johnson.
Engineer—James H. Hjul, 128 Russ St., San Francisco.
Plans will be completed in one week.

Completing Plans.
FACTORY Cost, \$40,000
SAN FRANCISCO. SW Fifteenth St. and Potrero Ave. (140x100 feet).
Two-story reinforced concrete factory and warehouse building.
Owner and Builder—James H. Hjul, 128 Russ St., San Francisco.
Plans prepared by owner.
Lessees—International Harvester Co.
Plans will be completed in one week.

Planned
FACTORIES Approx. \$50,000
SAN FRANCISCO. Hooper, 7th, Channel and 8th sts.
Group of 1 and 2-story bldgs. (warehouses, factories, offices, etc., type of construction not decided).
Owner—Moody Estate Co., Kohl Bldg.
Architect—Engineering Dept. of lessees (Mr. Folsom, mgr.)
Lessees—W. R. Ames Co., 450 Irwin st.

PITTSBURG, Contra Costa Co., Cal.— Michael Junta, former fish dealer of Pittsburg and more recently of Oakland, announces he is forming a corporation to finance erection of a \$200,000 sardine packing plant in York st. bordering on the waterfront.

GRIDLEY, Butte Co., Cal.—Associated Canneries, financed by Oakland capitalists, is conferring with local growers regarding the erection of a fruit packing plant. A. J. Gilstrap, representative of the company, is promoting the project at Gridley.

STOCKTON, San Joaquin Co., Cal.—Atkinson Construction Co., Ray Bldg., Oakland, plans immediate construction of a rock products plant in Stockton with a branch yard at Lodi. The company has the contract for the Pardee Dam for the East Bay Municipal Utility District. Approximately \$40,000 will be expended in the Stockton plant.

REDWOOD CITY, San Mateo Co., Cal. California Rubber Products Co., manufacturers of golf balls and the refining of gutta percha, has leased the plant formerly occupied by the Silver Gate Poultry Co. and will install new equipment. Installation of steam machinery will be started at once.

YUBA CITY, Sutter Co., Cal.—C. B. Harter & Sons, Yuba City packers, will have plans prepared at once for peach packing plant to be erected on Tahoe-Ukiah highway west of Yuba City; first unit will have capacity of from 2000 to 3000 tons per season with an ultimate capacity of 5000 tons.

GERBER, Tehama Co., Cal.—Frank Germain and Chas. Nickels of Gerber, will erect a plant for the manufacture of iceless refrigerators, they having been granted manufacturing rights by J. Ed-

wards, the inventor of the refrigerator. Agencies will be established throughout the northwest shortly.

YUBA CITY, Sutter Co., Cal.—Cutler-Lohengier Packing Co., Ontario, Cal., seeks to promote stock sales in this section to finance construction of a 5000-ton tannery in Yuba City. Buildings and equipment planned will involve an expenditure of \$200,000.

VALLEJO, Solano Co., Cal.—Wm. Croall, 1418 Sonoma st., at \$10,000 awarded contract to erect one-story brick and concrete dyeing and cleaning plant for Bodell & Grennan at 25 Tennessee st.

SAN JOAQUIN COUNTY, Cal.—Directors of the Auburn Fruit Exchange are considering the erection of a \$100,000 pre-cooling plant for deciduous fruits. It is contended the exchange would save \$15,300 a year on the usual ice bill.

ELVERTA, Sacramento Co., Cal.—C. M. Basler, real estate operator and secretary of the Elverta Chamber of Commerce, is conferring with interests planning the erection of a vegetable products plant on a site near Elverta. The project is fully financed, according to Basler.

WILLOWS, Glenn Co., Cal.—Thos. Ajax has purchased 3 lots at Butte and Laurel Sts. and will erect a dyeing and cleaning plant; will contain 4 separate compartments; reinforced concrete construction. Some new equipment will be installed.

TURLOCK, Stanislaus Co., Cal.—Chapman Construction Co. has contract to erect dehydrator for Harry Arakelian & Son of Turlock; will be erected adjoining two units now in operation in South Center Street.

SACRAMENTO, Cal.—H. D. Wagon, 1035 E-10th St., N., Portland, Ore., president of the Sacramento Pulp & Paper Co., has been authorized by State Corporation Department to issue stock to finance erection of a \$500,000 pulp mill in vicinity of Sacramento. Raw material will be obtained from cuttings in grape vineyards in the vicinity. Plant will have a capacity of 25 tons a day. B. F. McLeod, 2712 21st St., Sacramento, is secretary of the company.

OROVILLE, Butte Co., Cal.—S. J. Norris, consulting engineer, Oroville, has completed plans and construction will be started shortly on \$200,000 rock crushing plant on the Oroville-Marysville highway near Power House Hill, for W. A. Bechtel, general contractor, 625 Market st., San Francisco, associated with the Kaiser Rock Co. of Livermore. The plant will have a capacity of 4000 tons a day, and is being built primarily to produce 1,000,000 tons of ballast rock for the Western Pacific Company's lines between Portola, Plumas county, and Oakland, a distance of approx. 300 miles.

OROVILLE, Butte Co., Cal.—M. G. Parker, Oroville, will erect fireproof dyeing and cleaning plant in Montgomery st.; estimated cost \$10,000 including equipment. Will be brick or reinforced concrete construction.

GARAGES

Plans Being Prepared
GARAGE Cost \$60,000
SAN FRANCISCO, Sacramento st. W Davis.
Two-story reinforced concrete garage bldg.
Owner—J. Pasqualetti, 785 Market st.
Engineer—C. W. Zollner, 785 Market st.

Plans Being Prepared
ADDITION Cost \$12,990
BERKELEY, Alameda Co., Cal., Addison street.
One-story concrete and brick veneer addition to present garage bldg.
Owner—Withheld.
Architect—B. Reede Hardman, First National Bank Bldg., Berkeley.

Sub-contracts Awarded
GARAGE Cost \$30,000
OAKLAND, Alameda Co., Cal., N E-12th st. 109 E 18th ave.
Two-story concrete garage building.
Owner—J. Cattucci, 1212 18th ave., Oakland.
Architect—P. LaVerone, 3121 San Pablo ave., Oakland.
Contractor—F. Younger, 2115 Fruitvale ave., Oakland.
Lumber—Sunset Lumber Co., 2057 Webster st., Oakland.
Concrete—J. H. Fitzmaurice, 754 Hobart st., Oakland.
Structural steel—Judson Manufacturing Co., 1007 Park ave., Oakland.
Reinforcing steel—Frederick Steel Co., 150 California st., S. F.
Brick work—Victor Devight, 354 Hobart st., Oakland.
Plumbing—A. R. Cranston, 2124 San Jose ave., Alameda.
Electrical work—W. G. Hopkins, 210 E-11th st., Oakland.

Contract Awarded
GARAGE Cost \$19,000
OAKLAND, Cal., NW E-12th st. and 31st ave.
One-story concrete garage bldg.
Owner—Derby Estate Co., 815 Central Bank Bldg., Oakland.
Architect—None.
Contractor—J. B. Petersen, 4021 Agua Vista ave., Oakland.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Feb. 13, 11 a. m., bids will be received by U. S. Engineer Office, Customhouse, San Francisco, for dredging in Petaluma Creek. Specifications obtainable from above office.

OAKLAND, Cal.—Preliminary plans for the proposed \$550,000 Federal office building for Oakland are in the hands of the House Appropriations Committee, according to word from Washington. Every indication points to favorable action.

MARE ISLAND, Cal.—Frigidaire Corp. Central Bank Bldg., Oakland, at \$593.65 awarded contract by Bureau of Yards and Docks, Navy Dept., under Specification No. 5521 for refrigerator equipment for Mare Island Navy Yard.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

MARCH FIELD, Cal.—Col. Wm. C. Gardenshire, March Field, Riverside, reports the plans are being completed and bids will be taken within two weeks for erecting new buildings at March Field. An appropriation of \$2,000,000 is available now for the first units. The entire building program will involve an expenditure of more than \$3,000,000. Appropriations for the remainder of the work will be available next July. The work contemplated at the present time includes eight hangars to cost \$40,000 each; administration building to cost \$20,000; air corps machine shop to cost \$40,000; air corps warehouse to cost \$10,000; fifteen sets held officers' quarters to cost \$14,500 each; eighty sets of company officers' quarters to cost \$12,500 each; 109 sets of non-commissioned officers' quarters to cost \$6,000 each; two large barracks for 300 men each, to cost \$250,000 each; building for postal department and parachute section to cost \$20,000; warehouses, quartermasters' offices, club buildings, bachelor officers' quarters, bakery and gasoline storage building. The buildings will be of reinforced concrete, hollow tile and brick construction.

PASADENA, Cal.—Until Feb. 1, 3 p. m., bids will be received by Supervising Architect, Treasury Department, Washington, D. C., to install one electric freight elevator in postoffice at Pasadena. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California st., San Francisco):

Sch. 8239, eastern and western yards, hinged hasps, curtain rings, spiral door springs, Jan. 24.

Sch. 8301, eastern and western yards, about 18,000 flashlights, Jan. 24.

Sch. 8302, eastern and western yards, tape, friction and insulating rubber, Jan. 24.

Sch. 8307, Puget Sound, 140,040 lbs. sulphuric acid, Jan. 24.

Sch. 8308, Puget Sound, 140 folding cots, Jan. 24.

Sch. 8310, eastern and western yards, gloves, leather, asbestos, rubber and canvas, Jan. 24.

Sch. 8311, eastern and western yards, fuses and fuse elements, Jan. 24.

Sch. 8312, eastern and western yards, tape, insulating and silk, varnish, muslin, insulating, Jan. 24.

Sch. 8313, eastern and western yards, 2315 wire springs for berths, Jan. 24.

Sch. 8314, eastern and western yards, roving cotton and twine, Jan. 24.

Sch. 8317, Mare Island, 1000 redwood railroad ties, Jan. 24.

Sch. 8318, eastern and western yards, searchlight carbons and carbon plate, Jan. 24.

Sch. 8319, eastern and western yards, mica and pressed mica plate, Jan. 24.

Sch. 8320, eastern and western yards, electric wiring devices, Jan. 24.

Sch. 8321, Mare Island, electric heaters, Jan. 24.

Sch. 8324, eastern and western yards, sheet fiber, insulating material, and insulating fish paper, Jan. 24.

Sch. 8328, Mare Island, 10 arc welding sets, Jan. 24.

Sch. 8329, eastern and western yards, chain hoists, Jan. 24.

Sch. 8330, Mare Island, electric cooking kettles and spare parts, Jan. 24.

PEARL HARBOR, T. H.—(By Special Wire from Washington, D. C.) Austin Engineering Co., Inc., 566 Southern blvd., New York, N. Y., on item 1-A, at \$174,775 submitted low bid to Bureau of Yards and Docks, Navy Department, under Specification No. 5338, to erect quarters, laboratory and animal house at naval operating base (hospital), Pearl Harbor. The work consists of four frame quarters on concrete foundation; frame garage and store house; quarters for nurses, with concrete frame and tile walls; laboratory and animal house, each of concrete and tile construction. This work includes plain and reinf. concrete, asbestos shingle roofing, stucco, marble and tile work, wood framing and trim, and plumbing and electrical systems. Complete bid listing will be published shortly.

SAN FRANCISCO—The following bids were received by Constructing Quartermaster, Fort Mason, to fur and install refrigerating plants at Letterman General Hospital:

Cyclops Iron Works, 837 Folsom	\$ 8,298
Price-Teltz Co., S. F.	3,348
Western Butcher Supply Co., S. F.	3,711
De La Vegne, New York City	3,956
York Ice Machine Co.	3,956
Edwards Ice & Mach. Co., S. F.	10,230
James T. Ludlow, S. F.	10,700
Pacific Ice Machine Co., S. F.	10,741
Parker Ice Mach. Co., S. F.	10,819
J. D. Love	11,669
Baker Ice Mach. Co., Inc., S. F.	11,783
Frank H. Raffo, S. F.	11,998
La Faver Eng. Co., S. F.	14,500

Bids taken under advisement for a few days.

HALLS AND SOCIETY BUILDINGS

Construction Started.

CLUB BLDG. Cost, \$12,000
ROSEVILLE, Placer Co., Cal.
Two-story frame and stucco club building.
Owner—Women's Improvement Club
Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
Contractor—Welke & Tropper, Roseville.

Excavating Bids Wanted

CLUB BLDG. Cost approx. \$300,000
OAKLAND, Alameda Co., Cal., Bellview ave., bet. Ellita and Staten sts.
Six-story reinforced concrete club building.
Owner—Women's Athletic Club, Great Western Power Bldg., Oakland.
Architect—Roeth & Bangs, 1404 Franklin st., Oakland.
Contractor—William C. Keating, Central Bank Bldg., Oakland.

Structural steel—Herrick Iron Works, 18th and Campbell sts., Oakland.
Sub-bids on other portions of the work are in and will be awarded soon.

Plans Being Prepared

CLUB BLDG. Cost \$15,000
MADERA, Madera Co., Cal.
New club bldg., stores, etc. (height and type of construction not decided.)
Owner—American Legion Bldg.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

OAKLAND, Cal.—Proposal to erect modern labor temple building in downtown district has been revived by East Bay unions. An architect will be selected shortly to prepare plans.

SACRAMENTO, Cal.—Young Ladies' Institute Clubhouse Association has filed articles of incorporation and plans immediate erection of \$15,000 club building at southwest corner of Twenty-seventh and N sts. Miss Lucy Genis is chairman of the building committee.

OROVILLE, Butte Co., Cal.—Benevolent and Protective Order of Elks plans early erection of modern lodge building to occupy site 160 by 120 ft. Will be brick or concrete construction. Brick construction, however, is favored by the majority. A contract previously entered into by Chas. Mabrey, Sacramento contractor, to erect the proposed building has been cancelled. Norman R. Coulter, 46 Kearny st., San Francisco, architect.

NEWMAN, Stanislaus Co., Cal.—Until February 8, bids will be received by R. L. Kinnear, Secretary, Orestimba Lodge No. 254, I. O. O. F., for general construction of two-story reinforced concrete store, lodge and office building; estimated cost, \$40,000. Kump & Johnson, architects, Rowell Bldg., Fresno. Plans obtainable from secretary of the lodge or from the architects.

TRACY, San Joaquin Co., Cal.—F. W. Roberts, 786 Santa Rey ave., Oakland, at approx. \$40,000 has contract to erect 2-story brick and reinforced concrete lodge and store building at Central ave. and Ninth st., for Masonic Hall Association; will be 62x125 ft. Construction will be started at once. Members of Masonic Building Committee are: H. M. Schaur, Charles A. Slack Jr., George Hench, S. J. Frerichs, Bert Banta and L. O. Stark.

Plans Being Revised.

CLUB BLDG. Cost, \$45,000
SAN FRANCISCO, SE Twenty-first and Alabama Streets.
Two-story frame and stucco boy's club building (gymnasium, auditorium and classrooms).
Owner—San Francisco Boys' Club.
Architect—Harry A. Thomsen, Sharon Bldg., San Francisco.

Whether new bids will be called for or not will be announced within 30 days.

Working Drawings Being Prepared.
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Cal.—SW Fifteenth and K Sts., 80x160 feet.
Four-story concrete, brick and terra cotta lodge building.
Owner—Aerie No. 901, Fraternal Order Eagles (William J. Tuller, President.)
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

ROSEVILLE, Placer Co., Cal.—Women's Improvement Club is considering plans for new club building to be erected on site already purchased at Main and Berkeley sts. A building committee has been appointed to report on the plans at an early meeting. Plans to be prepared by Architect Jens C. Petersen, California State Life Bldg., Sacramento.

LAKEPORT, Lake Co., Cal.—Lakeport Post American Legion, plans to secure long term lease on city property in Main street on which it is proposed to erect modern club building. A building costing between \$5,000 and \$10,000 is contemplated.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures
Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1867

NAPA, Napa Co., Cal.—Architect W. H. Corlett, Napa, has completed plans and bids will be asked shortly by Odd Fellows Hall Association for alterations and additions to present lodge building. Entrance will be remodeled and stores on the ground floor enlarged and a part one-story addition making the structure three stories high. New club rooms and kitchen quarters will be provided.

HOSPITALS

Construction To Start Next Week.
ALTERATIONS Cost, \$40,000
SAN JOSE, Santa Clara Co., Cal. Race Street.

Alterations and additions to sanitarium (maternity ward addition; remodel dormitory, etc.)

Owner—O'Connor Sanitarium (Sister Louise in charge).
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

Contractor—Megna & Newell, 49 W-San Fernando St., San Jose.

The first floor of the south wing will be provided with two new delivery rooms, a sterilizing room and other special equipment.

On the second floor, a new dormitory for the sisters will be constructed.

Sub-bids are all in and will be awarded shortly.

Plans Being Prepared
ADDITION Cost \$—
SAN FRANCISCO, Mission st. and Silver ave.

Class A addition to present home.
Owner—Hebrew Home for Aged Disabled, Silver ave. and Mission st.
Architect—Hyman & Appleton, 68 Post street.

Mr. Emile Kahn, Crocker First National Bank Bldg., has charge of the improvements.

EUREKA, Humboldt Co., Cal.—Committee appointed by county supervisors to study the needs of a new county hospital building will confer with architects who have had experience in hospital construction to determine the type of hospital required for Humboldt county. It is expected the survey will permit the supervisors to determine the size of structure, cost data, etc. Fred M. Kay is county clerk. Plans originally prepared by Architect F. T. Georgeon, Eureka, were rejected when county voters urged the supervisors to reconsider plans for the proposed building.

STOCKTON, San Joaquin Co., Cal.—Replacement of a few obsolete buildings at the San Joaquin General Hospital is recommended by the County Grand Jury in its annual report. Eugene D. Graham is county clerk.

FRESNO, Fresno Co., Cal.—Establishment of a foundation of approximately \$250,000 for erection and maintenance of a hospital in Fresno for the treatment of nervous diseases and particularly for the free care of the poor, is provided in the will of Mrs. Emma M. Taft, offered for probate in the Superior Court at Fresno, Jan. 13. The foundation will be known as the G. W. and Emma M. Taft Foundation.

SAN JOSE, Santa Clara Co., Cal.—League of Women Voters of Los Gatos petition county supervisors to provide new quarters for the county detention home and to abandon the present quarters. Taken under advisement. Henry A. Pfister is county clerk.

FRESNO, Cal.—Mrs. Emma M. Taft has provided by will, a trust fund of \$250,000 for the erection of a hospital here for the treatment of nervous diseases. The Los Angeles First National Bank is the trustee.

HOTELS

Elevator Contract Awarded.
HOTEL Cost, \$800,000
SAN FRANCISCO, S Turk St. near Leavenworth St.
Twelve-story Class A hotel building (1500 rooms).
Owner—San Francisco Y. M. C. A.
Architect—Frederick H. Meyer, 742 Market St., San Francisco.

Contractor—K. E. Parker, 185 South Park San Francisco.

Elevators—Spencer Elevator Co., 166 7th St., San Francisco.

Other awards reported Jan. 7th.

Bids On Brick Work Wanted
HOTEL BLDG. Cost \$400,000
SAN FRANCISCO, NE Fifth and Mission sts.

Eight-story and basement class B hotel and store building.

Owner—The Pickwick Corporation, Fifth and Mission sts., San Francisco.

Architect—O'Brien Bros., and W. D. Peugh, 315 Montgomery st., S. F.

Contractor—Edwards, Wilkey & Dixon Co., premises.

Awards made have been previously reported.

ICE AND COLD STORAGE PLANTS

Plans Being Figured—Bids Close Jan. 20.
PLATFORM Cost \$20,000
STOCKTON, San Joaquin Co.

Iceing platform, 880 ft. long.

Owner—Pacific Fruit Express Co., 65 Market st., S. F.

Architect—Engineering Dept. of owner, (Mr. Weatherwax).

Contract Awarded.
ICE PLANT Cont. Price, \$261,800
FRESNO, Fresno Co., Cal.

Reinforced concrete ice plant, 165x44 feet and icing platform, 3300 ft.

Owner—Pacific Fruit Express Co., 65 Market St., San Francisco.

Architect—Eng. Dept. of Owner (Mr. Weatherwax).

Contractor—Lynch Cannon Co., Chapman Bldg., Los Angeles.

POWER PLANTS

FRESNO, Fresno Co., Cal.—Construction will be started Feb. 1 by San Joaquin Light and Power Co., Power Bldg., Fresno, on the first unit of a sub-station at Ashland and West aves; power will be obtained by a 60,000-volt line from the Copper Mine sub-station and will later be connected by a 110,000-volt line with the LeGrand and Sanger sub-stations. Equipment has already been purchased. First unit will cost \$75,000. Ultimate cost \$250,000.

RIVERSIDE, Cal.—Southern Sierras Power Co. has appropriated \$2,000,000 to be expended during coming year for new transmission lines, substations, warehouses, laboratories, shops, etc. Several of these buildings, including substations, will be built in Riverside at once. The cost of immediate construction planned amounts to \$500,000.

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by Modesto Irrigation District to fur, and del. one year's supply of meters, transformers, oil and gasoline. Specifications prepared by B. W. Creim, electrical engineer for district.

SAN FRANCISCO—Northwestern Pacific R. R. Co., will expend \$500,000 on a new power house, new cars and other rolling stock.

PUBLIC BUILDINGS

SANTA MONICA, Los Angeles Co., Cal.—City Planning Commission advocates a competition to secure a civic center plan for city. The plan is to provide locations for a new city hall, central fire and police stations, administration building and central park.

ROSEBURG, Ore.—Architects Tourtelotte & Hummel, Postal Bldg., commissioned by Douglas County Commissioners to prepare plans for \$275,000 county courthouse; will be 4-story, 80 by 140 ft., reinforced concrete construction with cast stone exterior.

MODESTO, Stanislaus Co., Cal.—Chas. Pike Furniture Co., 230 North California st., Stockton, at \$1747 awarded contract by city to fur, and lay linoleum in McHenry Library. Other bids: Johnson Wherry Furniture Co., 917 17th st., Modesto, \$1842; Ward Furniture Co., 1925 10th st., Modesto, \$1850.

LAKEPORT, Lake Co., Cal.—County Supervisors reject lone bid of C. W. Beck, Lakeport, for proposed addition to county courthouse and new bids will be asked shortly. Mr. Beck submitted a bid based on his own plans and specifications.

REDWOOD CITY, San Mateo Co., Cal.—Greater Redwood Imp. Ass'n. will submit recommendations to city council shortly on site for proposed new firehouse.

LOS ANGELES, Cal.—The Board of City Directors has authorized the city manager to obtain permission from State Board of Health for the city to sell 188 acres of the city farm near San Gabriel. The property is valued at not less than \$3000 per acre and funds derived from the sale, together with other funds are to be used in the construction of the proposed municipal auditorium in the civic center.

SANTA BARBARA, Cal.—Until Feb. 6, 11 A. M., bids will be received by D. F. Hunt, County Clerk, for (1) jail cells in county courthouse; (2) for all work in Hall of Records; (3) for all tile and (4) all cement or other floor work. Wm. Mooser Co., architects, Nevada Bank Bldg., San Francisco. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Building Committee of Board of Supervisors has approved recommendation of Fire Commission that a new fire station be erected at the junction of Point Lobos Ave. and Geary St.

MADERA, Madera Co., Cal.—Election will be called shortly to vote bonds of \$20,000 to finance remodeling of fire station quarters in city hall and installation of ten additional fire alarm boxes.

RESIDENCES

Contract Awarded
RESIDENCE Cost \$35,000
SAN FRANCISCO, St. Francis Wood.

Two-story reinforced concrete residence.

Owner—Ralph Feige, 3041 Jackson st., San Francisco.

Architect—Masten & Hurd, Shreve Bldg., San Francisco.

Contractor—D. Gladstone, 77 O'Farrell st., San Francisco.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Plans Being Prepared.
RESIDENCE Cost, \$11,500
YUBA CITY, Sutter Co., Cal.
Two-story frame and stucco residence
(Spanish type).
Owner—Cecil H. Straub.
Architect—Masten & Hurd, 210 Post St.,
San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO. Westwood Highlands
One-story 6-room frame and stucco resi-
dence.
Owner—Clarence Kretschmer, 110 20th
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story 20-room frame and stucco
residence.
Owner—Fuller Brawner, 301 Mission St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.

Sub-Bids In—To Be Awarded in One
Week.
RESIDENCE Cost, \$65,000
SAN FRANCISCO. N Broadway bet.
Lyon and Baker Streets.
Three-story and basement frame and
stucco residence.
Owner—Mrs. Daniel Volkmann, 1756
Broadway, San Francisco.
Architect—Bakewell & Brown, 251 Kear-
ny St., San Francisco.
Contractor—Chas. Stockholm, Hearst
Bldg., San Francisco.

Preliminary Plans Being Prepared
RECTORY Cost \$30,000
PORTERVILLE, Tulare Co.
Rectory building (height and type of
construction not decided).
Owner—Roman Catholic Church (Father
Patrick Dalley).
Architect—Swartz & Ryland, Rowell
Bldg., Fresno.

SANTA CRUZ, Santa Cruz Co., Cal.—
Excavation has been started in connec-
tion with \$20,000 residence to be erected
in Third st. for Mrs. Alice Nell, Mrs.
Jessie Castle and Miss Hettie Dunlap.
Plans were prepared by the architectural
department of Wood Bros. Co., 332 So-
quel ave., Santa Cruz, which concern
will furnish all materials.

Contract Awarded
RESIDENCE Cost \$12,000
SAN MATEO, San Mateo Co., Lot 10,
blk. 22, Parrott dr.
Two-story frame and stucco residence.
Owner—W. D. Morrison, 9th ave., San
Mateo.
Architect—None.
Contractor—Frank Pirren, 712 5th ave.,
San Mateo.
Building permit applied for.

Plans Being Prepared
RESIDENCE Cost \$16,000
BERKELEY, Alameda Co., Cal., Coventry
road.
Two-story and basement frame and
stucco residence (number of rooms
not yet determined).
Owner—Herman Schwartz.
Architect—W. H. Ratcliff Jr., Chamber
of Commerce Bldg., Berkeley.

Wrecking Contract Awarded.
RESIDENCE Cost, \$125,000
SAN FRANCISCO. Washington St. near
Laurel Street.
Two-story, basement and attic residence.
Owner—Timothy Hopkins.
Architect—Arthur Brown Jr., 251 Kearny
St., San Francisco.
Contractor—George Wagner, 181 South
Park, San Francisco.
Wrecking—Banks Wrecking Co., 1230
Howard St., San Francisco.
Sub-bids on other portions of the work
will be taken about Feb. 1st.

Completing Plans
RESIDENCE Cost \$20,000
SAN MATEO, San Mateo Co., Cal., Bay-
wood Tract.
Two-story frame and stucco residence,
8 rooms, 3 baths, Colonial type.
Owner—Dr. N. D. Morrison, 325 B st.,
San Mateo.
Architect—Clarence W. Jackson, First
National Bank Bldg., San Mateo.
Contractor—Arthur Dusenberry, 442
Hurlingham ave., San Mateo.
Construction will be started Feb. 1.

Low Bidder
RESIDENCE Cost \$20,000
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence, 8
rooms, 3 baths.
Owner—E. E. Englehart.
Architect—Clarence W. Jackson, First
National Bank Bldg., San Mateo.
Low Bidder—Arthur Dusenberry, 442
Hurlingham ave., San Mateo.

Owner Taking Bids.
RESIDENCES Cost, \$10,000 each
BURLINGAME, San Mateo Co., Cal.
Alvarado Heights.
Two two-story frame and stucco resi-
dences (7 rooms and 2 baths; Mission
and Italian style).
Owner—Howard L. Dietterle, 1489 Bur-
lingame Ave., Burlingame.
Architect—Chas. Strothoff, 2274 15th St.,
San Francisco.
Bids are wanted for a general contract

Sub-Bids Being Taken.
RESIDENCES Cost, \$25,000 each
SAN FRANCISCO. Jackson Street near
Arguello Blvd.
Four two-story and basement residences
10 and 11-rooms respectively; frame,
stucco and brick veneer construction.
Owner and Builder—W. R. Voorhies, Inc.,
Premises.
Architect—F. Eugene Barton, Crocker
Bldg., San Francisco.

Low Bidder.
RESIDENCE Cost, \$24,000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence.
Owner—Ralph Feige, 3044 Jackson St.,
San Francisco.
Architect—Masten & Hurd, Shreve Bldg.,
San Francisco.
Low Bidder—D. Gladstone, 77 O'Farrell
St., San Francisco.

Plans Being Figured
RESIDENCE Cost \$20,000
CLAREMONT, Alameda Co., Cal.
Two-story, ten-room frame and stucco
residence, terra cotta tile roof.
Owner—Anne Reese.
Architect—W. E. Schirmer, Thayer Bldg.,
Oakland.
Bids are being taken for a general con-
tract.

Plans Being Completed
RESIDENCE Cost \$11,500
PIEDMONT, Alameda Co., Cal.
Two-story seven-room frame and stucco
residence (English type).
Owner—Carlisle Crosby, Central Bank
Bldg., Oakland.
Architect—W. E. Schirmer, Thayer Bldg.,
Oakland.
Bids will be taken for a general con-
tract in 10 days.

Plans Being Completed
RESIDENCE Cost \$18,000
OAKLAND, Alameda Co., Cal., Clinton
avenue.
Two-story frame and stucco residence (8
rooms and 2 baths).
Owner—J. Delaney, Alameda.
Architect—W. E. Schirmer, Thayer Bldg.,
Oakland.
Plans will be ready for bids in ten
days.

Completing Plans.
RESIDENCE Cost, \$18,000
SAN LUIS OBISPO, Cal. California
Polytechnic School Campus.
Two-story nine-room frame and stucco
residence (Spanish type).
Owner—State of California.
Architect—George B. McDougall, State
Architect, Forum Bldg., Sacramento.
Bids will be called for in one month.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



The inner half of every cloud
Is bright and shining.
I therefore turn my clouds about
And always wear them inside out
To show the lining.

A well-known stanza.

HOW MANY of us.
WORRY ABOUT things.
THAT NEVER happens.
MOST OF us forget.
THAT EVERY cloud.
NO MATTER how black.
HAS A silver lining.
CLARENCE (SANDY) Pratt, President.
OF THE Pratt Building Material Co.
PRODUCER OF clean, sharp sand.
AND CLEAN, sharp rock.
AND CLEAN, hard gravel.
AND WELL-GRADED concrete mix.
HAS SEEN poor fellows.
WHOSE BACKS were bent.
CARRY LOADS of sad things.
THAT NEVER happened.
PESSIMISTS NEVER see the sunshine.
WHILE ON the same day.
AN OPTIMIST will be,
OUT IN the sunshine.

ADMIRING THE beautiful flowers.
AND ENJOYING himself.
SO WHY not.
GO DOWN the road.
THROUGH SUNSHINE and flowers.
INSTEAD OF taking a path.
WHERE YOU can't see.
ALL THESE beautiful things.
"I THANK you."



You might just as well look for the
sunshine and flowers and forget the
shadows and black clouds. Clarence
Sandy Pratt, President of the Pratt
Building Material Co., suggests that if
you always face the sun you will never
see the shadows.

PETALUMA, Sonoma Co., Cal.—Oscar Johnson, Petaluma, has contract to erect three frame and stucco bungalows for M. S. Tunzi at Upham and Baker Sts. Plans were prepared by the contractor. Work will be started at once.

Preparing Working Drawings.
RESIDENCE Cost, \$55,000
SAN MATEO, San Mateo Co., Cal.
Irwin Terrace.
Two-story and basement Spanish type residence.
Owner and Builder—S. A. Born Bldg. Co., 929 Rosewood Dr., San Mateo. Plans by Owner.

Sub-Bids Being Taken.
RESIDENCE Cost, \$15,000
PEBBLE BEACH, Monterey Co., Cal.
Two-story frame and stucco residence.
Owner and Builder—S. A. Born Bldg. Co., 929 Rosewood Dr., San Mateo. Plans by Owner.

Sub-Bids Being Taken.
ADDITION Cost, \$10,000
DEL MONTE, Monterey Co., Cal. Monterey Peninsular Country Club.
Add to present residence.
Owner—Chas. W. Dickie.
Plans by S. A. Born Co.
Contractor—S. A. Born Bldg. Co., 929 Rosewood Dr., San Mateo.

SCHOOLS

Preparing Preliminary Plans.
SCHOOL Cost, \$18,000
LINCOLN, Placer Co., Cal.
One-story frame, stucco and brick veneer school building.
Owner—Lincoln School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.
Standard plumbing fixtures will be specified, and all modern conveniences.
\$10,000 is now available and a bond election will be called shortly for an additional \$8000.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemoor, sec'y., Board of Education, to furnish and install interior equipment for Lakeview Junior High School in Harrison st. near 26th st., and in the Oakland High School at the s. w. corner of Park blvd. and Hopkins st.:
Lannom Bros. Mfg. Co., 5th and Magolia sts., Oakland, \$8,216
Loop Lumber & Planing Mill, Oak, 8,490
Atkinson Mill & Mfg. Co., Oak, 8,689
W. C. Keating, Oakland, 10,165
Pacific Mfg. Co., Oakland, 10,199
Contract to be awarded Jan. 24.

Bids Opened
GYMNASIUM Cost \$25,000
ELK GROVE, Sacramento Co., Cal.
One-story frame and stucco gymnasium building.
Owner—Elk Grove High School District.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
Low Bidder—B. R. Hanify, \$32,542.
Other bidders were:
Bobbick & Lamb, Sac., \$33,444
James Lillico, Elk Grove, 33,796
Mathews Const. Co., Sac., 34,600
Herndon & Finnigan, Sac., 35,115
Samuel Eyre, Sac., 36,182
J. Christopher, Sac., 36,200
J. F. Shepherd, Stockton, 36,657
Campbell Const. Co., Sac., 36,948
E. A. Corum, Sacramento, 38,069
B. G. Johns, 39,875

DUNSMUIR, Siskiyou Co., Cal.—Dunsmuir Joint Union High School District withdraws call for bids to erect high school for which bonds of \$35,000 were voted to finance. Another call for bids will be issued about February 1. Starks & Flanders, architects, Ochsner Bldg., Sacramento. Bids were to have been opened Feb. 3.

CORCORAN, Kings Co., Cal.—Until Feb. 7, 8 p. m., bids will be received by Jas. C. Condon, sec'y., Corcoran Union High School District, to erect first unit of concrete gymnasium building. Swartz & Ryland, architects, Rowell Bldg., Fresno. Cert. check 10 per cent payable to sec'y. req. with bid. Plans obtainable from architects on deposit of \$10, returnable.

PHOENIX, Ariz.—A. F. Wasielewski Co., Glendale and Central Aves., Phoenix, Ariz., was awarded the contract for all work complete for erecting a group of three college buildings at Phoenix for Brophy College; the institution will be conducted by the Jesuit Fathers of the Roman Catholic Church, John R. Kibbey, 660 S. Vermont Ave., Los Angeles, supervising architect. Cost, \$400,000. The buildings will include a classroom building, faculty building and large chapel; the construction will be of brick and reinforced concrete. Plans prepared by Beezer Bros., architects, 580 Market St., San Francisco.

MARTINEZ, Contra Costa Co., Cal.—Authorization for the creation of a junior high school district has been voted by the Alhambra High School District trustees. A site is being considered in the Brown Tract, south of Susana st. on which it is proposed to erect a modern junior high school. The structure will be financed by a bond issue.

SOLEDAD, Monterey Co., Cal.—The following bids were received by A. L. Roddick, clerk, Mission Union School District, to erect a reinforced concrete school near Soledad. Estimated cost, \$25,000. W. H. Weeks, architect, Hunter Dulin Bldg., San Francisco:
The Minton Co., Palo Alto and Mt. View \$32,056
Carl N. Swensen, San Jose, 34,357
Carl Nelson, San Jose, 34,928
Morrison Bros., San Jose, 35,200
Bids taken under advisement.

SOLEDAD, Monterey Co., Cal.—The following sub-contracts were awarded by T. B. Goodwin, 2350 Divisadero st., S. F., in connection with the construction of grammar school building to be erected at Soledad for the Soledad Union Grammar School Dist. Plans prepared by H. B. Douglas, architect, San Luis Obispo. Cont. price \$73,500:
Reinforcing steel—Badt-Falk & Co., 74 New Montgomery st., S. F.
Structural steel, ornamental iron—Folsom Street Iron Works, 17th & Missouri sts., S. F.
Mill work—National Mill & Lumber Co., 320 Market st., S. F.
Lumber—Chas. Nelson Lumber Co., 239 California st., S. F.
Sub-bids are now being taken on all other parts of the work.

GLENDALE, Los Angeles Co., Cal.—Until 5 p. m., Feb. 2 (bids to be opened at 7:30 p. m., on that date), bids will be received by the Glendale Union High School district for the construction of a music building at East Broadway and Verdugo rd., and a shop building at East Colorado and School st., Glendale, in accordance with plans prepared by George M. Lindsey, architect, Edwood P. Elden, associate, 1008 W. 6th st., Los Angeles. Bids will be taken as follows: (1) general contract, (2) electric wiring, (3) plumbing, (4) gas heating, (5) steam heating. Plans may be obtained from the secretary of the board, business manager's office, high school site, Glendale, upon deposit of \$10. Cert. check or cashier's check for 5 per cent required. H. V. Brown, clerk. The music building will be a 3-story, class B structure, 70x

115 ft., containing 15 classrooms and a small auditorium; reinforced concrete walls; cost \$90,000. The shop will be 2-story and part 1-story, containing 35,000 sq. ft. of floor space, and will house departments for various trades and crafts; reinforced concrete and brick construction; cost \$100,000.

FRESNO, Fresno Co., Cal.—Board of Education votes to sell last block (\$300,000) of \$700,000 bond issue for school improvements. The proceeds of the sale will finance completion of work now under way and of new additions and small units at the Jefferson, Franklin, Lafayette, Fremont and Morris E. Dailey Schools. L. L. Smith is secretary of the Board of Education.

GLENDALE, Los Angeles Co., Cal.—Until 7:30 p. m., Jan. 23, bids will be received by board of education of Glendale for erecting a group of new school buildings at Glenwood Road high school site, Glendale; Alfred F. Priest, 719 Fay bldg., Los Angeles, is the architect. The appropriation is \$1,200,000. Bids will be taken separately on general contract, heating and ventilating electric work, plumbing, steel lockers, program clock system, and science equipment. The group will include eight buildings in addition to central power plant buildings and bleachers for athletic field. The administration building will be three-stories, class B construction, 64x365 ft. and will contain administrative offices, student body offices, 35 classrooms, two study halls and a large library extending through two stories. The auditorium building will be 90x175 ft., class A construction; science building, 2 stories, 64x180 ft., containing 13 science rooms and laboratories; liberal arts building, two stories, 215x64 ft., containing 21 rooms; a home economics building, two stories, 64x180 ft., containing cafeteria, faculty room, and departments for various branches of home economics; a shop building, one-story, 76x290 ft., girls gymnasium building, 105x113 ft.; boys' gymnasium building, 105x113 ft., with apparatus room, 35x75 ft.; bleachers, 45x290 ft., to seat 2200 people, with shower and locker room underneath. Will be an athletic field with quarter-mile track, etc. The bleachers will be reinforced concrete construction. The buildings will be of brick construction with structural steel frame, reinforced concrete stairways.

Completing Plans.
SCIENCE BLDG. Approx. \$500,000
SANTA BARBARA, Santa Barbara State Teachers' College.
Reinforced concrete economics and science building.
Owner—State of California.
Architect—George B. McDougall, Forum Bldg., Sacramento.

LAGUNA BEACH, Los Angeles Co., Cal.—The board of trustees of Laguna Beach school district has commissioned John L. Brickets, Parker Bldg., Laguna Beach, to revise the plans and supervise the construction of the new grammar school building to be built at Laguna Beach. Plans will be completed in about three weeks. The building is to be a 1-story, reinforced concrete structure, Spanish style; cost \$100,000.

SEA SIDE, Monterey Co., Cal.—Until Jan. 28, 7 p. m., bids will be received by John L. D. Roberts, clerk, Del Monte School District, to remodel school building for auditorium, including the construction of boiler, fuel and toilet rooms, plumbing system and steam heating, chimneys, etc. Est. cost \$6000. Geo. E. Ellinger, architect, 1723 Webster st., Oakland. Cert. check 5 per cent payable to clerk req. with bid. Plans obtainable from architect on deposit of \$25, returnable.

GRIDLEY, Butte Co., Cal.—As previously reported, bids will be received by C. W. Thresher, clerk, Gridley Union High School District, Feb. 6, 1:30 P. M., to erect two-story Class C brick and terra cotta high school. Est. cost, \$150,000. Davis-Pearce Co., architects, Grant and Weber Sts., Stockton. J. H. Carpenter, Stockton, was previously low bidder on this project at \$152,500 covering a general contract. The bids were rejected. Cert. check 10% req. with bid. Plans obtainable from architects. See call for bids under official proposal section in this issue.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

FRESNO, Fresno Co., Cal.—Until January 26, 5 P. M., bids will be received by L. L. Smith Sec'y., Board of Education, 425 Fresno Ct., for (a) grading Theodore Roosevelt High School site; (b) construct macadam driveways and curbs at Theodore Roosevelt High School site. Cert. check 10% or bidder's bond req. with bid. Plans obtainable from Sec'y.

SAN FRANCISCO—On a "pay as you go" plan, Daniel C. Murphy, president of the Board of Education, advocates the following construction to relieve congestion in local schools: High school for Park-Presidio District; addition to Balboa High School; additional facilities for Lowell High School; four or five new junior high schools; additional facilities for certain existing junior high schools; five or six new elementary and special school units and additions to certain existing elementary schools.

GLENDALE, Los Angeles Co., Cal.—Architect Alfred F. Priest, 719 Fay Bldg., L. A., completes plans for high school buildings to be erected at Glenwood Road high school site. The call for bids will be issued in a week or so. Bids will be taken on general contract for all buildings with the usual subcontracts for plumbing, heating, wiring and painting. The group will include eight buildings in addition to the power house and bleachers for athletic field. The appropriation for the buildings is \$1,200,000.

FRESNO, Fresno Co., Cal.—Plans have been completed and bids will be advertised for at once by State Department of Architecture for erecting new science building at Fresno State Teachers College; reinforced concrete construction; cost \$200,000. Allison & Allison, Hibberd Bldg., Los Angeles, architects.

BANKS, STORES & OFFICES

Plans Being Figured—Bids Close Jan. 26th, 1 P. M.
WAREHOUSE Cost, \$500,000
OAKLAND, Alameda Co., Cal. Ninth and Castro Streets.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First St., San Francisco.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Plans Being Figured.
STORE BLDG. Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal. Main Street.
One-story brick store building.
Owner—J. C. Penney Co., 312 Main St., Watsonville.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Contract Awarded.
ALTERATIONS Cost, \$—
WOODLAND, Yolo Co., Cal. No. 522 Main Street.
Remodel present building for store.
Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.
Architect—Engineering Dept. of Owner.
Contractor—F. B. Ebersole, Financial Center Bldg., San Francisco.
Construction will be started Jan. 23rd.

Sub-Bids Being Taken
ADDITION Cost \$500,000
SAN FRANCISCO, NE Van Ness ave. and Jackson St.
Three-story addition to present three-story class A reinforced concrete medical building (50 suites approx., large solarium).
Owner—A. H. Bergstrom, 74 New Montgomery St., S. F.
Architect—Clausen & Amendes, Hearst Bldg., S. F.
Exclusive Agents—Allen & Co., 168 Sutter St., S. F.
Contractor—C. L. Wold, 185 Stevenson St., S. F.
As previously reported, steel awarded to Western Iron Works, 111 Beale St., S. F.

FRESNO, Cal.—Los Angeles First National Bank is contemplating the erection of a new business building at Mariposa St. and Broadway to replace the present structure which is untenable and is to be wrecked.

Contract Awarded
BANK Cost Price \$12,141
BERKELEY, Alameda Co., Domingo St., near Tunnel rd.
One-story bank and store bldg.
Owner—Piedmont Commercial Center Corp.
Architect—Albert Farr & J. P. Ward, 68 Post St., S. F.
Lessee—American Trust Co., 464 California St., S. F.
Contractor—Fred J. Westlund, 351 Hobart St., Oakland.

EUREKA, Humboldt Co., Cal.—R. E. Shaw, Eureka, at \$15,000 has contract to remodel store building of J. C. Penny Co. In addition to construction, new fixtures will be installed. E. W. Brahnard is manager of Eureka branch.

TUCSON, Ariz.—Thos. N. McCauley, president of Continental National Bank, purchases site on Stone ave. and will erect 10-story class A bank and office building. Prel. plans prepared by Architects Walker & Eisen, Western Pacific Bldg., Los Angeles.

Completing Plans
LOFT BLDG. Cost \$100,000
SAN FRANCISCO, adjoining present bldg., at 1041 Market St.
Seven-story steel frame and concrete-loft bldg.
Owner—Weinstein Co., 1041 Market St.
Architect—Hyman & Appleton, 68 Post.
Plans will be completed in about one week.

Planned
OFFICE BLDG. Cost \$50,000
ALBURN, Placer Co., N High St. E Placer.
Three-story and basement office bldg., (type of structure not decided).
Owner—Pacific Gas & Elec Co., 245 Market St., S. F.
Architect—Engineering Dept. of owner.
Plans will probably not be started for two or three months.

Contract Awarded.
ALTERATIONS Cost, \$20,000
SAN FRANCISCO, Sutter and Fillmore Streets.
Alter present three-story wood frame building (remodel for restaurant with seating capacity of 100).
Owner—Pacific Leashold Corp., 156 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 210 Post St., San Francisco.
Lessee—Foster Lunch System, 986 Mission St., San Francisco.
Contractor—V. Filippis, 263 9th St., San Francisco.

SAN PEDRO, Los Angeles Co., Cal.—Marshall R. Lawson, 614 S Pacific Blvd., San Pedro, has prepared preliminary plans for a two-story class C store and office building to be erected on Pacific ave., San Pedro, for B. B. Lippman. It will be 70x100 ft. The entire first floor will be leased to the Sherman Furniture Co. and the upper story will be divided into offices for physicians.

Completing Plans.
MARKET BLDG. Cost, \$750,000
OAKLAND, Alameda Co., Cal. Block bounded by 14th and 30th Sts., bet. Jefferson and Grove Sts.
One-story Class A market building (47,000 square feet).
Owner—Twentieth Century Market (Jas. G. Rohan, President).
Architect & Contractor—Maury I. Diggs, Latham Square Bldg., Oakland.
Sub-bids will be taken in about two weeks.

Contract Awarded.
STORE BLDG. Cost, \$12,000
OAKLAND, Alameda Co., Cal. S Eighth St. 75 E Broadway.
One-story brick store building.
Owner—Arthur Schaffer, 1409 Webster St., Oakland.
Architect—None.
Contractor—Sommarstrom Bros., 1409 Webster St., Oakland.

Low Bidders.
INTERIOR FINISHING Cost, \$100,000
SAN JOSE, Santa Clara Co., Cal. First and Santa Clara Sts.
Interior finishing for ten-story Class A bank building (now under construction).
Owner—First National Bank of San Jose.
Architect—Frederick H. Meyer, 742 Market St., San Francisco.
General Work—R. O. Summers, 17 N First St., San Jose.
Interior Finishing—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Ornamental Iron—Peerless Ornamental Iron Works, 1525 Folsom St., San Francisco.

Contracts will probably be awarded to the low bidders, but as yet the contracts have not been signed.

Plans Being Prepared.
STORE BLDG. Cost, \$30,000
MODESTO, Stanislaus Co., Cal. Eleventh and I Streets (75x90 feet).
One-story reinforced concrete store building.
Owner—Elias-Harris Building (Sol P. Elias).
Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.

LOS ANGELES, Cal.—J. V. McNeil Co., 5860 Avalon Blvd., awarded general contract for 13-story class A store, office and loft bldg., at 5th and Hill sts., for Foreman & Clark; 30x149 ft., steel frame construction, brick filler walls, reinforced concrete floors; cost \$1,250,000. Structural steel let to Baker Iron Works and interior store work to Los Angeles Cut Stone and Marble Co.; Curlett & Beelman, 1020 Union Bank Bldg., architects.

SEATTLE, Wash.—Architects Lawton & Moldenhour, Century Bldg., Seattle, preparing preliminary plans for a thirty-seven-story Class A office building to be erected in Spring St. for Calvin H. Haggan and associates.

Painters & Decorators

INTERIOR AND EXTERIOR PAINTING

IN ALL ITS BRANCHES

DAMP-PROOFING AND COMMERCIAL

SPRAY PAINTING

FLOOR HARDENING

R. J. McDONALD

San Francisco

470 Treat Avenue

Hemlock 2784

Sub-contracts Awarded
ALTERATIONS Cost \$15,000
SAN FRANCISCO, Howard st. bet. 8th and 9th sts.
 Alter present building.
 Owner—Bothin Estate.
 Engineer—Norman Green, Sharon Bldg., San Francisco.
 Contractor—H. H. Larsen, 68 Post st., San Francisco.
Plumbing—A. Ramazzotti, 1473 Vallejo st.
Roofing—H. & H. Roofing Co., 2734 Army street.
Steel sash—Michel & Pfeffer, Harrison and 10th sts.
Elevators—Spencer Elevator Co., 166 7th street.
 As previously reported: Brick work awarded to Emil Hogberg, 666 Mission st., S. F.; concrete work to Mission Concrete Co., 125 Kissling st., S. F.; steel sash to J. E. Rodgers, 55 New Montgomery st., S. F.; electrical work to Seabach Electric Co., 2623 Mission st., S. F.

Contracts Awarded
ALTERATIONS Cost \$40,000
SAN FRANCISCO, 127 Montgomery st., Transport Bldg.
 Alterations and additions to present 6-story bldg.
 Owner—S. Strausberger.
 Architect—S. Heiman, 57 Post st.
 Carpenter work—Louis Cohn, 117 Montgomery st.
Heating, plumbing and wiring—Frank J. Klimm, 456 Ellis st.
Plastering—Harry Liston, 147 29th ave.
Marble—Mission Marble Works, 209 Mississippi st.
Tiling—Art Tile & Mantel Co., 221 Oak.
Linoileum—Van Fleet-Freear Co., 557 Howard st.
Glass—Habernicht & Howlett Co., Inc., 529 Clay st.
Interior trim—L. & E. Emanuel Co., 2665 Jones st.
Painting—D. Zelinsky & Sons, 164 Grove.
Lighting fixtures—Incandescent Supply Co., 726 Mission st.

COLUSA, Colusa Co., Cal.—L. S. Lewis of Colusa, at approximately \$30,000 has contract to erect one-story concrete store building at Fourth and Market sts. for J. J. O'Rourke. Foundations and walls will be capable of carrying one additional story. Plans for the structure are being prepared by a San Francisco architect and upon completion construction will be started.

THEATRES

Roofing and Brick Contracts Awarded
THEATRE BLDG. Cost \$1,000,000
OAKLAND, Alameda Co., Cal. Telephone ave. and 19th st.
 Class A steel frame and concrete theatre building (seating capacity 4000).
 Owner—Central Oakland Block, Inc.
 Lessee—West Coast Theatres, Inc., 988 Market st., S. F.
 Architect—Maury I. Diggs, 1625 Broadway, Oakland.
 Supt. of Constr.—Maury I. Diggs, 1625 Broadway, Oakland.
Roofing—H. C. Brown Roofing Co., 3267 San Pablo ave., Oakland.
Brick work—Mealey & Collins, 666 Mission st., S. F.
 As previously reported: Terra cotta awarded to N. Clark & Son, 116 Natoma st., S. F.; Ornamental iron to Liberty Ornamental Iron Works, 2455 Valdez st., Oakland; electric wiring to H. S. Tittle, 85 Columbia Square, S. F.; plumbing, heating and ventilating to Fearey & Moll, 1075 40th st., Oakland; glass to W. P. Fuller Co., 2037 Shattuck ave., Oakland; mill work to Redwood Manufacturing Co., Antioch rd., Pittsburg; structural steel to Judson Mfg. Co., foot of Park ave., Oakland; grading to Ariss-Knapp Co., 961 41st st., Oakland.

Construction Started.
THEATRE Cost, \$350,000
SAN FRANCISCO, Geneva Ave., bet. Paris and London Sts.
 Two-story Class A theatre and store building, seating capacity 1500; 6 stores.
 Owner—Ackerman & Harris, Phelan Bldg., San Francisco.
 Architect and Contractor—R. P. Davis, 961 Geneva Ave., San Francisco.
 Sub-bids are in and will be awarded shortly.

Revised Plans Being Completed.
THEATRE Cost, \$85,000
DAILY CITY, San Mateo Co., Cal.
 One-story steel frame and concrete theatre and store building (2 stores, theatre seating capacity 1250).
 Owner—Jefferson Theatre, E. Baron and Carol Nathan, Proprietors.
 Architect—C. H. Jensen, 605 Market St., San Francisco.
 Bids will be taken in one week.

TUCSON, Ariz. — Broadway Theatre Co., Frank Drachman, manager, has had plans prepared for completely remodeling the Apache theatre building on East Congress St. It will be enlarged to accommodate 1400 people and new furnishings will be installed. Cost, \$100,000.

Plans Being Completed
THEATRE Cost \$85,000
DAILY CITY, San Mateo Co., Cal.
 One-story steel frame and concrete theatre and store building (2 stores).
 Owner—Jefferson Theatre.
 Architect—C. H. Jensen, 605 Market st., San Francisco.
 Bids will be taken for a general contract in one week.

WHARVES AND DOCKS

SANTA BARBARA, Cal.—Frank G. White, consulting engineer, state harbor commission, has announced that reconstruction of Stearn's Wharf will start within 6 weeks. Esti. cost, \$60,000.

LOS ANGELES, Cal.—Geo. F. Nicholson, harbor engineer, Berth 90, San Pedro, completing plans for addition, 192 x80 feet to wharf at Berth 174, San Pedro; will be of concrete piles and creosoted wood piles with cedar decking.

Lathing & Plastering Contract Awarded
PIER SHED Cost, \$187,340
OAKLAND, Alameda Co., Cal. Grove Street Pier.
 One-story concrete pier shed.
 Owner—City Port Commission.
 Architect—None.
 Contractor—Clinton Constr. Co., 923 Folsom St., San Francisco.
Lathing and Plastering—Evans Bros. & June, 4112 Harbor View Drive, Oakland.
 Other awards reported Dec. 16, 1927.

SAN FRANCISCO—Manning & Baldwin, Inc., 485 14th st., were awarded the contract at \$58 on alternate A, and \$40 on alternate B, by State Harbor Commission to repair reinforced concrete beams and girders of Pier No. 54, involving cement, reinforcing fabric steel, sand and asphaltic paint (the state to furnish the cement. (a) maximum cost per sq. ft; (b) service and rental charge for each working day that crew or machine is out.

MISCELLANEOUS BUILDING CONSTRUCTION

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—The West Coast Nursery, 526 Powell st., were awarded a contract to furnish and plant trees and shrubbery at the South San Francisco Park. Cost \$2500.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Plans Being Prepared.
MAUSOLEUM Cost, \$125,000
LODI, San Joaquin Co., Cal. Lodi Memorial Cemetery.
 Reinforced concrete mausoleum, interior of marble and bronze.
 Owner—North American Mausoleum Association.
 Architect—Jens C. Petersen, California State Life Bldg., Sacramento.
 Bids will be taken for a general contract in thirty days.

Preparing Working Drawings
ADDITION Cost \$225,000
SAN FRANCISCO, Golden Gate Park (Kezar Stadium).
 Owner—City and County of San Francisco.
 Engineers—Chace & Hurd, Shreve Bldg.
 Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 ft. to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

Sub-Contracts Awarded.
SCIENCE BLDG. Cont. Price, \$180,650
 200 days.
DAVIS, Yolo Co., Cal.
 Two-story and basement reinforced concrete Class C animal science building with tile roof, 400x50 ft., L-shaped.
 Owner—University of California.
 Architect—Wm. C. Hays, First National Bank Bldg., San Francisco.
 Contractor—K. E. Parker, 135 South Park San Francisco.
Electrical Work—Matson-Seabrooke Co., 4115 Broadway, Oakland.
Plumbing—Scott Co., 113 10th St., Oakland.
Heating—Knittle Bros., 224 5th St., San Francisco.
Brick Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Roofing Contract Awarded
TRAINING HOME Cost \$500,000
SAN FRANCISCO, N Silver ave. near Yale st.
 Four-story reinforced concrete and brick training home.
 Owner—The Salvation Army, 36 McAllister st., San Francisco.
 Architect—R. F. Inwood, 22 Atlantic ave., Long Beach.
 Contractor—Geo. T. Gaylor, 36 McAllister st., S. F.
Roofing—Malott & Petersen, 3221 20th st.
 As previously reported—Granfield, Farmer & Carlin, 67 Hoff st., S. F.; concrete to Mission Concrete Works, 125 Kissling st., S. F.

Preparing Working Drawings.
INFANT SHELTER Cost, \$125,000
SAN FRANCISCO, Ortega St. and Nineteenth Ave.
 Two-story frame and stucco infant shelter building.
 Owner—S. F. Infant Shelter (Mrs. Randolph V. Whiting, chairman).
 Architect—Louis C. Mullgardt, 641 Post St., San Francisco.
 Headquarters for above at are the Palace Hotel.

HOLLISTER, San Benito Co., Cal.—W. I. Hawkins, custodian, U. S. Public Park Service, has forwarded plans for improvements at Pinnacles Monument involving the erection of a new ranger's cabin, two comfort stations, office building and a second ranger's cabin. Buildings will have stone facing. Construction of trails are also planned.

SAN FRANCISCO—As previously reported, P. Sorenson, 2652 Harrison St., at \$8143 submitted low bid to Board of Public Works to construct pedestrian tunnel in Skyline Blvd. near Fleishacker Pool. Complete bid listing follows: P. Sorenson, \$8143; L. Cohn, \$9250; McDonald & Maggoria, \$11,404; C. B. Eaton, \$11,522; E. J. Treacy, \$11,837; E. G. Hart, \$11,923; F. Amoroso, \$12,191; H. Guerin, \$12,466; C. C. and H. Haun, \$12,524; Barrett & Hilp, \$12,515; P. L. Burr, \$12,520; Yondall Constr. Co., \$12,899; A. Arras Co., \$13,253; Schultz Constr. Co., \$13,714; C. B. Cowden, \$13,939; J. A. Grant, \$15,976.

LODI, San Joaquin Co., Cal.—C. B. Stanley of the North American Mausoleum Assn. announces construction will be started shortly on a \$120,000 mausoleum to be erected in the Lodi Memorial Cemetery in East Piper Lane. Will be reinforced concrete and steel construction of Spanish type of architecture.

Sub-contracts Awarded
DORMITORY Cost \$10,000
SAN ANSELMO, Marin Co., Cal.
 Two-story and basement concrete and hollow tile boys' dormitory.
 Owner—Presbyterian Orphanage & Farm (Elmer Newhall, 260 California St., San Francisco).
 Architect—Benjamin S. Hayne, Hobart Bldg., S. F.
 Contractor—J. Harold Johnson, 606 Mission St., S. F.
Excavating and concrete P. Bottini, Toll rd., San Rafael.
Plumbing and heating—George Shields, 303 3rd St., San Rafael.
Lumber—Henry Hess Lumber Co., 229 3rd St., San Rafael.
Mill work—Buttler & Manning, 1308 Harrison St., S. F.
Glass—W. P. Fuller Co., 301 Mission St., S. F.
Structural steel—Schrader Iron Works, 1247 Harrison St., S. F.
Reinforcing steel—W. S. Wettenhall, 17th and Wisconsin sts., S. F.
Ornamental iron—Michel & Pfeffer Iron Works, Harrison and 19th sts., S. F.

Sub-contracts Awarded
DORMITORY BLDGS.
 Contract price \$130,942
DECATO, Alameda Co., Cal.
 Two 1-story and base, class A dormitory bldgs.
 Owner—Board of Trustees of Masonic Homes, S. F., Chas. W. Wollenberg, president.
 Architect—Wm. Mosser and Edw. G. Bolles, Nevada Bank Bldg., S. F.
 Contractor—R. W. Littlefield, 357 12th St., Oakland.
Mill work—Chicago Mill & Lumber Co., 68th ave., Oakland.
Reinforcing steel—Frederick Steel Co., 58 Sutter St., S. F.
Roofing and tile work—General Roofing Co., 186 California St., S. F.
Sheet metal work—Forderer Cornice Works, 269 Potrero ave., S. F.
Ornamental iron—Frauender Ornamental Iron Works, 335 8th St., Oakland.
 Also previously reported: Heating was awarded to George C. Bell Jr., 2501 Crofton ave., Berkeley; glass to W. P. Fuller Co., 301 Mission St., S. F.; structural steel to Golden Gate Iron Works, 1541 Howard St., S. F.; plastering to Wm. Makin, 351 Hobart St., Oakland; plumbing to Jas. H. Pinkerton, 666 Mission St., item No. 5, George C. Bell, 1624 10th St., Oakland, item No. 6; electrical work to Radellinger Bros., 142 4th St., S. F.

SAN FRANCISCO—L. J. Cohn, 117 Montgomery St., at \$9280 awarded contract by Board of Public Works to construct pedestrian tunnel under Skyline Blvd., opposite Fleishacker Pool.

SACRAMENTO, Sacramento Co., Cal.
 All bids received by H. G. Denton, city clerk, to furnish and install freight elevator at M street wharf were rejected. Following bids were received: Pacific Elevator Co., 15 Bausch St., San Francisco, \$11,285; Otis Elevator Co., S. F., \$19,240. New bids will be taken but as yet no date has been set.

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy has completed plans for four pedestrian subways, each 12 ft. wide; total estimated cost, \$131,250. One will be constructed crossing under Stockton and Ellis Sts., from the north side of Market St. to a point near Roos Bros. building; another under Market St., extending from above Powell to east side of Fourth St. above Grant Ave. to a point near the Spreckels Market and above Kearny St. to a point just above Third street.

OAKLAND, Cal. — (Lincoln Electric Co.) H. B. Squires Co., San Francisco, at \$14,152 awarded cont. by county to fur. and install 16 motors in connection with ventilating equipment for Estuary tube project. P. F. Sturtevant Co., San Francisco, at \$69,337 awarded contracts for 16 fans and ventilating apparatus. Squires also awarded cont. for servicing equipment at \$16,925. Bid of Wagner Electric Co., San Francisco, at \$13,086 for 16 motors was rejected as not being in accordance with specifications.

OAKLAND, Alameda Co., Cal.—The Liberty Ornamental Iron & Wire Works, Inc., 21st and Filbert sts., Oakland, at

(1) \$1.27 and (2) \$20 were awarded the contract by Walter S. Chandler, secy., Board of Park Division, 107 City Hall, to erect barb wire fence and wire fabric fence in Sequoia Park. Alt. No. 1, per lin. ft.; alt. No. 2, per gate.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Jan. 23, 7:30 P. M. (previously set for Jan. 9) bids will be received by Daniel McSweeney, city clerk, to fur. fire alarm apparatus and construction of central fire alarm station. Bids will be received as follows: (1) Wire, cross-arms, insulators and pole hardware; (2) erect and install wire, cross-arms, insulators and pole hardware on poles and other places; (3) construction of central fire alarm station and furnish and install all apparatus and equipment therefor; (4) fur. and install forty (40) fire alarm boxes; (5) furnish and install an electric siren. Specifications on file in office of clerk.

SAN FRANCISCO — Peter Sorenson, 2652 Harrison St., at \$2922 awarded contract by Board of Public Works to construct comfort station at Mills Municipal Airport.

NAPA, Napa Co., Cal.—Basalt Rock Co. granted permit by city council to install three 15,000-gal. tanks on concrete foundations, 8 ft. high, in addition to an office building.

REDWOOD CITY, San Mateo Co., Cal.
 City Eng. C. L. Dimmitt has completed prelim. plans for proposed El Camino Real Subway near Broadway for school children; estimated cost \$16,000. Entrances will be 18 ft. above surface; steps will extend 14 ft. further, making total of 32 ft. Subway will be "open cut," 16 ft. underground. Funds to finance will be provided by a bond issue yet to be submitted.

Owner Taking Sub-bids
OIL STATION Cost \$25,000
SAN FRANCISCO, Otis St. near 12th.
 One-story steel frame and concrete oil station.
 Owner—Salta Co., 557 4th St.
 Architects—S. Helman, 57 Post St.
 Lessee—Walter Brand.

BOYES SPRINGS, Sonoma Co., Cal.—The West Coast Nursery, 526 Powell St., San Francisco, were awarded the contract to furnish and plant trees and shrubbery on the golf course, at Boyes Springs. Contract price \$3000.

SAN FRANCISCO—Board of Public Works has requested supervisors to authorize preparation of plans for the construction of a field house to be erected at 26th and Douglass Sts. Estimated cost, \$3400.

SAN JOSE, Santa Clara Co., Cal.—County surveyor making surveys for repairs to bulkhead on Alviso-Milpitas road in Supervisor District No. 3. Henry A. Pfister is county clerk.

Plans Completed.
MACHINERY BLDG. Cost, \$135,000
SACRAMENTO, Sacramento Co., Cal.
 Fair Grounds.
 Reinforced concrete machinery building.
 Owner—State of California.
 Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
 Bids will be advertised for shortly.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission St., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

D-2725—Floor Surfacing, Scrubbing, Waxing and Polishing Machines. Detroit, Mich. Representative of a company manufacturing a nationally advertised line of machines for floor surfacing, scrubbing, waxing and polishing, desires to establish an agency in this city to handle their product. The machines range in price from \$52 to \$600.

D-2726—Mechanical Rubber Goods. San Francisco, Cal. Manufacturers of mechanical rubber goods line, such as rubber transmission and conveyor belting, various types of rubber hose, rubber and balata valves, rubber washers, asbestos sheet packings and gaskets, are anxious to secure a distributor in San Francisco for their products.

D-2727—Household Utensil. San Francisco, Cal. Individual desires contact with National or Pacific Coast distributors to handle the distribution of a small hardware article for household use.

D-2728—Pulleys, Shafting, Belting, Wheels. Vallejo, Cal. Company has for disposal a large stock of second-hand pulleys, shafting, belting, wheels, etc., which they offer for sale at one-third the standard market prices.

12574—Scrap Tin. Holland. Firm operating a factory for the reclamation of metallic tin from scrap tin, would like to get in touch with tin factories in this district from whom they could purchase scrap tin.

12575—European Representation. San Francisco, Cal. Belgian, forty years of age, with twenty years' experience in European markets, is planning to return to Europe and wishes to represent, as agent, American producers, manufacturers, or exporters.

12576—Spanish Art Objects in Terra Cotta. Barcelona, Spain. The exclusive sales agent of the only house in Spain which manufactures Spanish art objects in terra cotta, imitating metal, a process which has been patented and has obtained grand prizes in expositions throughout the world, desires to establish connections with interested San Francisco importers of these urns, flower pots, vases, coffee sets, etc. They also offer tiles, mosaics and other construction materials.

12577—Representation in China. Oakland, Cal. Gentleman having three years' business experience in China is planning to return to that country and offers his services to San Francisco firms. He also seeks connections with a mining engineer who would be interested in gold, silver and coal mines located in China.

12582—Onyx. Oakland, Cal. Individual, having close connections with suppliers of onyx in Mexico, wishes to get in touch with interested buyers or users of onyx in this territory.

12583—Representation in Porto Rico. San Juan, Porto Rico. Firm desires to act as agents for San Francisco manufacturers and exporters, in the Island of Porto Rico.

12584—South American Representation. Berkeley, Cal. Experienced business man offers his services to San Francisco manufacturers or exporters who wish to establish exclusive selling rights for their products in Bolivia, Chile and Peru.

12587—Zinc. South American firm requests price quotations from San Francisco suppliers of zinc for making cuts.

Orders-Inquiries

60
pages

Send
for
FREE Copy

Can be
Secured
by
MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your **FREE** Copy

R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct-Mail Advertising

Engineering News Section

BRIDGES

SONOMA COUNTY, Cal.—State Highway Comm. rejects bids to const. approaches to bridge on Black Point cut-off at Schellville over Sonoma Creek. Chas. Crittenden, Napa, low bidder at \$15,320. Eng. est. \$14,898.

STOCKTON, San Joaquin Co., Cal.—As previously reported, bids will be rec. by Eugene D. Graham, county clerk, Feb. 14, 11 a. m., to const. steel and timber bridge over Stanislaus river north of Riverbank to be financed jointly by San Joaquin and Stanislaus counties. F. E. Smith, San Joaquin county surveyor; J. H. Hoskins, Stanislaus county surveyor. Cert. check 5 per cent payable to chair-Ed. of Sups. of San Joaquin county. Deposit of \$10 req. for plans. Project involves 80 tons of steel (bridge) 6000 lbs. reinf. steel; 135 cu. yds. conc. in piers; 2748 ft. 14-in. treated Douglas fir piles; 1152 ft. 12-in. untreated Douglas fir piles; 2248 ft. B. M. No. 1 common Douglas fir timber; 74,516 ft. B. M. treated Douglas fir timber; 78,268 ft. B. M. selected common Douglas fir; 600 cu. yds. approach grades. See call for bids under official proposal section in this issue.

LONG BEACH, Cal.—City Eng. Arthur H. Adams preparing plans for new bridge over Pacific Electric Ry. at Orange ave., and Hill st; will be two-story type and will probably be financed jointly by cities of Long Beach and Signal Hill.

CONTRA COSTA COUNTY, Cal.—Geo. J. Calder, engineer and vice president of the American Toll Bridge Co., owners of the Carquinez Straits bridge, announces plans have been filed with the War Department for approval of permanent fender system in connection with center piers of Carquinez bridge; estimated cost \$509,000. Will be rock fill around a pier cluster in which 20x20-in. conc. piles will be driven, some piles will be vertical and some inclined to support the superstructure or fender proper. This will be of heavy reinforced concrete deck, ribbed with girders and beams. Fender will be monolithic in type with four cylinder piers. Construction will undoubtedly be undertaken by the Duncanson-Harrelson Co., general contractors, DeYoung Bldg., San Francisco, of which Geo. J. Calder is president.

REDWOOD CITY, San Mateo Co., Cal.—Application for a franchise to const. a bridge over San Francisco Bay from Sunnyside and Staten Sts., San Mateo county, to foot of Webster St., Alameda, will be filed at once with the San Mateo County Supervisors by Albert Mansfield, police judge and attorney of Redwood City. Will be 40 ft. wide and so constructed as to permit widening to 80 ft.

SUTTER COUNTY, Cal.—Until Feb. 14, 2 P. M., bids will be rec. by State Highway Comm., Strub Bldg., Sacramento, to const. causeway on Yuba City to Knight's Landing Highway across the Sutter By-Pass consisting of four 45 ft. removable timber truss spans and two hundred and thirty-seven 21 ft. timber spans. Funds to finance this project will be obtained from the \$200,000 appropriation of the last State Legislature. R. M. Morton, State Highway Eng. See call for bids under official proposal section in this issue.

DREDGING, HARBOR WORKS AND EXCAVATIONS

RICHMOND, Contra Costa Co., Cal.—Until Jan. 23, 8 P. M., bids will be rec. by A. C. Faris, city clerk, for dredging a portion of east side of Inner Harbor;

est. cost, \$77,000. Cert. check 10% payable to city req. with bid. Spec. obtainable from City Eng. E. A. Hoffman on deposit of \$5, returnable.

SAN FRANCISCO—Until Feb. 13, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, San Francisco, for dredging in Petaluma Creek. Spec. obtainable from above office.

BAKERSFIELD, Kern Co., Cal.—Petitions in circulation for formation of Kern River Levee District to provide const. of levees along the Kern River.

IRRIGATION PROJECTS

PARADISE, Butte Co., Cal.—Until Feb. 7, 10 a. m., bids will be rec. by J. E. Alley, secty. and engineer, Paradise Irrigation District:

- (1) to fur. approx. 6800 ft. 5-in. dipped or soil-proofed pipe or equal;
- (2) fur. approx. 1800 ft. 4-in. dipped or soil-proofed steel pipe or equal;
- (3) haul pipe and fittings;
- (4) dig approx. 5830 ft. 12x24-in. trench;
- (5) backfill 8590 ft. trench.

Plans obtainable from engineer. See call for bids under official proposal section in this issue.

WOODBIDGE, San Joaquin Co., Cal.—Election will be held Feb. 4 in Woodbridge Irrigation District to vote bonds of \$325,000 to finance const. of irrigation works. A. L. Cowell is secretary of the district.

LIGHTING SYSTEMS

PITTSBURG, Contra Costa Co., Cal.—Property owners in downtown section where not already lighted with electroliers will petition city council to install systems. City Manager R. A. Watkins is compiling cost data.

LODI, San Joaquin Co., Cal.—City plans immediate installation of ornamental electrolier system around new city hall building. L. F. Barzellotti, city engineer, will prepare estimates of cost.

WILLOWS, Glenn Co., Cal.—City plans installation of electrolier system in downtown section. The system will probably be installed on the unit plan of construction rather than under one contract.

The **HARD BOILED HAT** is made of fiber, to resist objects falling on the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

RICHMOND, Contra Costa Co., Cal.—Petitions are in circulation seeking installation of Marbelite electrolier system in various streets. The program as proposed will involve an expenditure of \$150,000.

UKIAH, Mendocino Co., Cal.—City trustees votes to install Marbelite standards in School street; will be 3 standards to a block bet. Smith and Church Sts.; standards 14 ft. high.

SANTA ANA, Cal.—City plans ornamental lighting system in Bush St., bet. First and Sixth Sts., involv. King posts, with necessary curb, walk, and cem. driveways; 1911 and 1915 Acts. E. L. Vegely, city clerk.

FRESNO, Fresno Co., Cal.—City council petitioned to install ornamental lighting system in Fulton St., bet. Calaveras St. and Ventura Blvd. A. M. Jensen, city engineer.

MACHINERY AND EQUIPMENT

PETALUMA, Sonoma Co., Cal.—Street committee of city council plans to purchase motor street sweeping machine. Estimates of cost will be submitted at the next regular meeting of the council.

WATSONVILLE, Santa Cruz Co., Cal.—City council, M. M. Swisher, city clerk, plans to purchase motor street sweeper. H. B. Kitchen is city engineer and will submit report on various types of sweepers.

OJAI, Cal.—Until 7:30 p. m., Feb. 13, bids will be rec. by city for purchase of tractor and street sweeper capable of cleaning Ojai city streets. Proposals may be made for either equipment or both, for combined equipment. Immediate delivery required.

PITTSBURG, Contra Costa Co., Cal.—City Manager Roy A. Watkins, recommends purchase of motor driven street sweeper.

BEVERLY HILLS, Cal.—Until 8 P. M., Jan. 31, bids will be rec. by city to fur. power sprayer for Park Department. B. J. Firminger, city clerk.

FIRE ALARM SYSTEMS

MADERA, Madera Co., Cal.—Election will be called shortly to vote bonds of \$20,000 to finance remodeling of fire station quarters in city hall and installation of ten additional fire alarm boxes.

WATSONVILLE, Santa Cruz Co., Cal.—Gamewell Fire Alarm Co. is preparing spec. for installation of additional fire alarm boxes in various sections of the city. H. B. Kitchen, city engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Jan. 22, 7:30 p. m. (previously set for Jan. 9) bids will be received by Daniel McSweeney, city clerk, for purchase of 19 fire alarm boxes and central fire alarm station apparatus and equipment now in use in city. Only cash bids will be considered. Further information obtainable from clerk.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal.—City will purchase additional fire fighting equipment. Purchase will be financed with surplus in city treasury of last year and additional funds expected to accrue during current year.

MISCELLANEOUS SUPPLIES

SAN JOSE, Santa Clara Co., Cal.—General Electric Co. at approx. \$18,000 awarded contract by city to fur. and install 48 traffic signals in various sections of the city.

RESERVOIRS AND DAMS

BURLINGAME, San Mateo Co., Cal.—Bids will be asked at once by city to const. reservoir; est. cost \$50,000. Plans prepared by Loveland Engineering Co., 482 California st., San Francisco. Will have capacity of 1,500,000 gals. Bonds to finance have already been voted.

EL SEGUNDO, Cal.—U. S. Cast Iron Pipe Co., Wright & Callender Bldg., Los Angeles, was awarded cont. by city at \$428.70 to fur. cast iron pipe as follows: 2500 ft. 4-in., 1000 ft. 6-in., 100 ft. 8-in., and 100 ft. 10-in. cast iron pipe.

PIPE LINES, WELLS, ETC.

SAN FRANCISCO—Ajax Construction Co., Rialto Bldg., at \$2567 sub. low bid to Board of Public Works to install sewerage pumping station in Pine Lake Park. Hyron-Jackson Pump Mfg. Co. only other bidder at \$4579.

SEWAGE DISPOSAL PLANTS

PALOS VERDES, Cal.—According to Jay Lawyer, general manager of Palos Verdes Estates, approximately \$800,000 will be expended this year for extensions to the present street, water and electric systems.

DOWNEY, Cal.—Until 7:30 p. m., Feb. 6, bids will be rec. by trustees of Downey union high school district for the construction of tennis courts at the high school site. H. P. Johnson is the clerk of the board.

WATER WORKS

PASADENA, Cal.—Until Jan. 26, 9 A. M., bids will be rec. by Bessie Chamberlain, city clerk, to fur. one deep well turbine pump and appurtenances with capacity of 5 cu. ft. per sec. against an average head of 250 ft., directly connected to a 250 H.P., 6 pole, 56-cycle vertical induction motor to be fur. by the city. Spec. on file in office of clerk. Cert. check, draft, cashier's check or bond for 10%.

SACRAMENTO, Cal.—Coast Rock & Gravel Co., Hunter-Dulin Bldg., San Francisco, at \$1849 awarded cont. by city to fur. and del. filter gravel for filtration beds.

SANT ANA, Cal.—Until Feb. 3, bids will be rec. by Westminster Cemetery District, at home of secretary, O. B. Hyram, Box 215, R. D. 3, Santa Ana, to fur. and install deep well turbine pump with vertical motor and pressure tank. Spec. obtainable from secretary. Cert. check or bond, 10%.

SANTA CRUZ, Santa Cruz Co., Cal.—Sacramento Pipe Works, Sacramento, at \$5805 sub. low bid to city to fur. 4500 ft. 14-in. steel pipe No. 12 gauge, soil proof, coated and dipped in hot asphaltum or equal good dip; not less than 18 ft. lengths; del. f. o. b. Santa Cruz. Other bids were: Western Pipe & Steel Co., \$5940; M. Stulsaft, \$7638; Pacific Pipe Co., \$7650; Crane Co., \$8226.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 7, 8 p. m., bids will be rec. by A. J. Ferguson, city clerk, to fur. and install deep well turbine pump. Cert. check 10 per cent req. with bid. Spec. on file in office of clerk. See call for bids under official proposal section in this issue.

FORTUNA, Humboldt Co., Cal.—City plans to purchase pump for Fire Department. Estimates of cost will be submitted at the next meeting of the city trustees. Geo. R. Lane is city clerk.

UPLAND, Cal.—City Clerk E. C. Mehl will ask for bids for 5000 ft. 4-in. cast iron pipe for water extensions.

SANTA CLARA, Santa Clara Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at \$107,135.41 awarded cont. by city to install c. i. water mains, hydrant, valves, reducers, etc., for domestic water supply distribution in portions of Scott Lane, Gould, University, Pierce, Isabella Sts., etc. Other bids were: Jas. Currie, Burlingame, \$115,781.31; Smith & Bowen, Santa Clara, \$118,656.33; Geo. Mitchell & Co., Huntington Park, \$121,832.19; Claude Fisher, Los Angeles, \$122,195.19; Frederickson & Watson, Oakland, \$132,316.10; Eaton & Smith, San Francisco, \$134,592.07; Geo. McGolyer, Oakland, \$134,856.43; H. Gould, Sacramento, \$136,871.05; Robert McNair, Oakland, \$153,400.65. Henry B. Fisher, engineer, Growers Bank Bldg., San Jose.

NAPA, Napa Co., Cal.—County supervisors reject application of Arthur Draughan, representing the Utility & Service, Inc., seeking authorization to construct a pipe line to transport water from proposed Conn Valley project through Napa county to the Solano county line.

UPLAND, Cal.—Until Feb. 2, 7:30 P. M., bids will be rec. by E. C. Mehl, city clerk, to fur. 5000 ft. 4-in. Class 250 B and S c. i. pipe. Cert. check 10% req. with bid.

FORTUNA, Humboldt Co., Cal.—Election has been called by city to vote bonds of \$30,000 to finance purchase and improvement of privately owned water system. Geo. R. Lane is city clerk.

CORCORAN, Kings Co., Cal.—B. Nicoll & Co., San Francisco, at \$882.64 awarded cont. by city to fur. and del. 1056 ft. 6-in. and 352 ft. 4-in. B & S, Class B c. i. pipe. Other bids: U. S. C. I. Pipe Co., San Francisco, \$895.14; Grinnell Co., San Francisco, \$901.12; Pacific States C. I. Pipe Co., Provo, Utah, \$931.16; American C. I. Pipe Co., San Francisco, \$960.96.

REDWOOD CITY, San Mateo Co., Cal.—Until Feb. 6, 10 A. M., bids will be rec. by Elizabeth M. Kneese, County Clerk, to const. domestic water supply system for East Palo Water Works District. Will involve 2, 4, 6 and 8-in. pipe lines, gate valves, fittings, etc. Bids will be considered for Mitheson joint; welded steel or c. i. pipe. Bonds of \$45,000 voted to finance. Cert. check payable to county for 10% of bidder's bond req. with bid. Plans obtainable from Geo. A. Kneese, county surveyor. See call for bids under official proposal section in this issue.

COSTA MESA, Cal.—Bids rec. Jan. 3 by Newport Mesa Irrigation Dist. for pumping equipment rejected. Certain tests will be made in the wells before re-advertising.

MODESTO, Stanislaus Co., Cal.—City Eng. Frank Rossi preparing estimates of cost for larger water mains in business district bounded by 9th, 12th, G and K Sts. Work will be financed with surplus in city treasury of last year and additional funds expected to accrue during the current year.

BEVERLY HILLS, Cal.—Until 8 P. M., Jan. 31, bids will be rec. by city to fur. and lay 18-in. pipe on Beverly Drive, Beverly Hills. Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles, engineers.

PROBERTA, Tehama Co., Cal.—Until Feb. 7, 8 p. m., bids will be rec. by O. L. Smith, secy., El Camino Irrigation District, to fur. and install six deep well pumping plants, including wiring, and switches and other accessories for a complete plant. Cert. check or bidder's bond or 5 per cent req. with bid. See call for bids under official proposal section in this issue.

ORANGE, Cal.—B. Nicoll & Co., W. M. Garland Bldg., Los Angeles, awarded cont. by city at 42c ft., to fur. 2000 ft. 4-in. cast iron class B bell and spigot water pipe.

MONROVIA, Cal.—Until 7:30 p. m., Jan. 25, bids will be rec. by city for 6700 ft. 2-in. to 4-in. galv. water pipe and 60 sprinkling heads and appurtenances. Spec. obtainable from city eng. Cert. check or bond 10 per cent. Lewis P. Mack, city clerk.

WHITTIER, Cal.—Pacific States Cast Iron Pipe Co., Subway Terminal Bldg., Los Angeles, awarded cont. by city to fur. 5000 ft. 4-in. cast iron pipe, 39.8c, and 1500 ft. 8-in., 84c ft., in 12-ft. lengths.

SAN FRANCISCO—Ajax Construction Co., Rialto Bldg., at \$2567 awarded cont. by Bd. Pub. Wks. to const. sewage pumping plant at Pine Lake Park.

COALINGA, Fresno Co., Cal.—Until Jan. 30, 5 p. m., bids will be rec. by L. A. Buchanan, city clerk, to fur. turbine centrifugal pump at gas plant property, to be deep well type operating against head of approx. 230 ft. and a volume capacity of 750 g.p.m. Power to be supplied by direct connected motor with automatic control. Cert. check 10 per cent req. with bid. See call for bids under official proposal section in this issue.

PLAYGROUNDS AND PARKS

PACIFIC GROVE, Monterey Co., Cal.—City plans to improve property bounded by Gibson, Fountain, Junipero Aves. and 14th St. for public playground and park. Additional tennis court will be provided; a bowling green 40 by 125 feet; wire fencing, etc.

SAN FRANCISCO—City Playground Commission will urge bond issue to secure funds to finance purchase of sites, improvement and equipment for playgrounds in various sections of the city. Alicia Mosgrove is president of the commission.

RICHMOND, Contra Costa Co., Cal.—City plans to improve park site in west section of city, involving playgrounds and landscape work; estimated cost, \$5000.

SAN FRANCISCO—City Playground commission recommends to supervisors a bond election for \$5,000,000 to purchase playground sites and improve playgrounds in various sections of city. Former Senator Jas. D. Phelan is president of the commission.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

325 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SEWERS AND STREET WORK

OAKLAND, Cal.—The following bids were received by G. B. Hegardt, secty., city port commission, to pave Grove st. pier:

Prop. a, Bituminous paving; Prop. b, Warrenite-Bitulithic paving; prop. c, Willite paving.

California Construction Co., a, \$35,956; Heafy-Moore Co., Oakland, a, \$39,000; b, \$39,900; c, \$39,900.

Hutchinson Co., Oakland, a, \$38,130; b, \$41,260; c, \$42,000.

Oakland Paving Co., Oakland, a, \$36,754.

Warren Construction Co., Oakland, a, \$36,300.

Central Construction Co., Oakland, a, \$37,500; b, \$38,760; c, \$38,760.

NEVADA STATE—Following construction program has been prepared by the Nevada State Highway Commission, S. C. Durkee, chief engineer, to be undertaken during the current year, involving an expenditure of \$1,701,038:

Churchill County—Leeterville to Fallon, 7.57 miles. Widen, resurface and oil. Total est. cost \$42,000. County's share \$8400.

Clark County—Jean to Las Vegas; oil 30.14 miles. Total est. cost \$50,000. County's share, \$10,000.

Douglas County, 6.06 miles north of Minden to 8.43 miles north of Minden; oil 2.27 miles. Total est. cost \$4000. County's share \$850.

Esmeralda County—Tonopah to 8 mi. west of Millers and Coalale to Esmeralda-Mineral County line, 29.94 miles of new construction. Bids to be opened on Jan. 25. Total est. cost \$240,000. County's and state's share \$44,000.

Elko County, 1, Elko to Halleck; 2, Elko to Carlin; 41.31 miles of reconstruction. Total est. cost \$120,000. County's share \$24,000.

Humboldt County—Humboldt-Lander county line to a point 17.41 miles west; reconstructing 17.41 miles. Total est. cost \$56,000. County's share \$12,500.

Lander County—West county line to Battle Mountain; reconstructing 8.52 mi. Total est. cost \$28,000. County's share \$6000.

Lyon County—1, Fernley Overhead (highway and railroad separation). 2, Washoe-Lyon county line to 2.76 miles east of Fernley; oil 5.11 miles. Total est. cost \$73,000. Share of county and others \$2000. County does not participate in overhead structure at Fernley.

Mineral County—1, Esmeralda-Mineral county line to Rhodes. 2, Rhodes to Mina to 12 miles northwest; 31.33 miles of new construction. Total est. cost \$250,000. County and state share \$50,000.

Pershing County—1, Lovelock to Zola. 2, City of Lovelock; 1.22 miles of new construction within the city limits of Lovelock and 16.67 miles of reconstruction from east city limits of Lovelock to Zola. Total est. cost \$104,000. Share of county and others \$21,500.

Washoe County—East Sparks city limits to the Washoe-Lyon county line; resurface and oil 28.58 miles. (The section between Derby and Wadsworth is to be resurfaced.) Total est. cost \$70,000. County's share \$18,000.

White Pine County—1, Magnusson's to 20 miles east, 1, Ely to McGill. 3, Ely to Keystone; 20 miles of new construction and 17 miles of oil. Total est. cost \$215,000. County's share \$46,500.

SAN FRANCISCO—Board of Public Works requested supervisors to authorize preparation of specifications and call for bids for Section E of the Beach Esplanade together with a pedestrian crossing opposite the Beach Chalet; estimated cost, \$335,000. M. M. O'Shaughnessy, city engineer.

WOODLAND, Yolo Co., Cal.—Until Feb. 6, 5 p. m., bids will be rec. by J. H. Laugenour, city clerk, (493) to imp. Walnut st. bet. Beamer st. and lot 1, blk. B, Grafton's Addition, and portions of Locust and Elm sts., involv. hyd. conc. cem. walks. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. obtainable from clerk.

WOODLAND, Yolo Co., Cal.—Until Feb. 6, 5 p. m., bids will be rec. by J. H. Laugenour, city clerk (494), to imp. Second st., Barrett and Marshall aves., etc., involv. hyd. conc. cem. walks. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. obtainable from clerk.

MONROVIA, Cal.—Until 7:30 p. m., Jan. 23, bids will be rec. by city for imp. in Municipal Imp. Dist. No. 3, involv.: 8700 ft., trenching and backfilling; 8700 ft. 6 and 8-in. water pipe and appurtenances; const. and retimber 250 ft. of tunnel and shaft; two deep well turbines direct connected to electric motor, capacity 450 G. P. M. each; one centrifugal booster direct connected to electric motor, capacity 450 G. P. M.; const. one reinf. conc. reservoir, capacity 50,000 gallons; one reinf. conc. pump house, 14x24 ft.; bids will be rec. in following manner: Proposition A: contractor will be paid cash for all work, if water bonds are sold. Proposition B: contractor to bid on work and agree to buy the bonds. Total amount of bonds, \$35,000; est. cost of work, \$24,600; est. cost of purchase of old plan, \$8200; est. cost of incidentals \$2200. Cert. check or bond, 10 per cent. Lewis P. Black, city clerk.

SAN FRANCISCO—Adam Arras, 666 Mission St., at \$15 sq. ft. sub. low bid to Bd. Pub. Wks. to const. art. stone walks in Farallones St., bet. Plymouth Ave. and Geneva Ave., Louisburg St., bet. Geneva Ave. and Mt. Vernon Ave.; Concord St., bet. Cross and Morse Sts., Sadowa St., bet. Plymouth Ave. and San Jose Ave.

Arras, at \$17 sq. ft. low to const. art. stone walks in portions of Bonita St. and at \$16½ for art. stone walks in portions of Larkin and Turk Sts.

FRESNO, Fresno Co., Cal.—Until Jan. 26, 5 p. m., bids will be received by L. L. Smith, secty., Board of Education, 2425 Fresno st., for (a) grading Theodore Roosevelt High School site; (b) const. macadam driveways and curbs at Theodore Roosevelt High School site. Cert. check 10 per cent or bidder's bond req. with bid. Plans obtainable from secty.

VALLEJO, Solano Co., Cal.—City will start proceedings at once to pave various streets and alleys within city limits. T. D. Kilkenny, city engineer.

OROVILLE, Butte Co., Cal.—Bids will be asked at once by C. F. Belding, county clerk, to fur. and del. 30,000 tons of crushed rock, gravel and sand for use on county roads. Harry H. Hume, co. rd. eng.

SAN RAFAEL, Marin Co., Cal.—Sanitary District No. 1, Marin County, plans immediate const. of new sewer in highway in Kentfield from Ross city limits to Elma Ave. in addition to several hill streets.

BELL, Cal.—City plans to imp. Baker Ave. The city engineer estimates cost at \$447,000.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (606) to const. cem. conc. or vit. clay pipe storm sewers, 12, 15, 18 and 24-in. in portions of Oxford Ave., Dartmouth St., Cambridge Ave., etc., together with manholes, inlets, etc. 1911 Act. Protests Jan. 30. E. L. Beach, city clerk. J. F. Byxbee Jr., City eng.

SAN FRANCISCO—M. Rosenberg, 243 Day St., at \$11,345 sub. low bid to Bd. Pub. Wks. to imp. Prentiss St., bet. Crescent Ave. and Hompkins St., involv. grade; conc. curb; art. stone walks; br. catchbasins; 10-in. ironstone pipe culverts; side sewers; asph. conc. and conc. pave.

SAN FRANCISCO—A. G. Ralsch, 46 Kearny St., at \$3754 sub. low bid to Bd. Pub. Wks. to imp. Judson Ave., bet. Foerster and Phelan Ave.

SAN FRANCISCO—No bids rec. by Bd. Pub. Wks. to const. art. stone walks in S ½ of Hayes St., bet. Van Ness Ave. and Polk St.

SAN RAFAEL, Marin Co., Cal.—Jas. Currie, 1190 Peninsula Ave., Burlingame, at \$68,043.50 awarded cont. by county to grade roadway from Mill Valley to Stinson Beach via Pipe Line bridge, approx. 3.3 miles in length, involv. 150,000 cu. yds. of excavation without classification; 100,000 sta. yds. overhaul; 180 lin. ft. 10-inch corrug. metal pipe (move and reset); 3580 lin. ft. 12-in.; 720 lin. ft. 18-inch; 544 lin. ft. 24-in.; 70 lin. ft. 36-in.; 204 lin. ft. 48-in. and 60 lin. ft. corrug. metal pipe; 80 cu. yds. Class "A" cement conc. (culvert headwalls); 3300 lbs. reinf. steel; 11 M B M Redwood lumber (in Timber Bridge); 24 M B M Douglas Fir lumber (in Timber Bridge). County will furnish corrug. metal pipe. Other bids were: Nate Lovelace, Visalia, \$81,658; W. H. Hauser, \$96,591; E. T. Malcolm, \$97,832; H. and J. Fairbanks, \$100,491; J. F. Collins, \$106,048; J. P. Holland, \$106,687; T. E. Connolly, \$107,099; C. W. Wood, \$110,437; M. Delucca, \$116,789; Connor, Hanson & Edes, \$125,792; Jasper-Stacy Co., \$127,271; Geo. Mitchell Co., \$137,554; R. L. Oakley, \$146,203; Western Paving Co., \$157,439.

SANTA ROSA, Sonoma Co., Cal.—Until Feb. 14, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to pave Sec. E of Petaluma-Valley Ford road, involv. 3000 cu. yds. excavation unclassified; 155,552 sq. ft. pavement; 15 cu. yds. conc. in culverts and headwalls; 450 lbs. reinf. steel; 58 lin. ft. 12-in., 60 lin. ft. 15-in., 40 lin. ft. 18-in., 30 lin. ft. 24-in. corr. metal pipe. Est. cost \$56,500. Cert. check 10 per cent req. with bid. Plans on file in office of clerk. E. A. Pugh, county surveyor.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. to const. cem. conc. or vit. clay pipe storm sewers, etc., in portions of Oxford ave., Dartmouth st., Cambridge ave., etc., under Res. of Inten. 606, involv. 4900 ft. 10-in., 12,425 ft., 12-in., 10,486 ft. 15-in., 2286 ft., 18-in., 1022 ft. 21-in., 1929 ft. 24-in., and 1614 ft. 30-in. pipe; 80 manholes and 195 catchbasins. Estimated cost \$56,158; 1911 act. Protests Jan. 30. E. L. Beach, city clerk; J. F. Byxbee Jr., city eng.

SAN FRANCISCO—Until Jan. 25, 3 P. M., bids will be rec. by Board of Public Works to imp.:

30th St., bet. Diamond and Castro Sts., involv. 8-in. and 12-in. ironstone pipe sewers with wyes.

Pennsylvania Ave., bet. 19th and 20th Sts., involv. conc. curb; art. stone walks; 6-in. conc. base, 1½-in. asph. conc. surface pavement.

27th Ave., bet. Kirkham and Lawton Sts., involv. conc. curb; side sewers; 6-in. conc. base, 1½-in. asph. conc. surface pavement.

Thornton Ave., bet. Pomona and Flora Sts., involv. conc. curb; 6-in. conc. base, 1½-in. asph. conc. surface pavement.

Trumbull St., bet. Congdon St. and point 300 ft. easterly, involv. conc. curb; side sewers; 6-in. conc. base, 1½-in. asph. conc. surface pavement.

Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

SAN FRANCISCO—M. Rosenberg, 243 Day St., at \$3502 sub low bid to Bd. Pub. Wks. to imp. Cowden St., bet. Wilde Ave. and Harkness Ave., involy. grade, conc. curb; art. stone walks; br. catch-basins; 10-in. ironstone pipe culverts; side sewers; asph. conc. pave.

WOODLAND, Yolo Co., Cal.—City trustees direct City Eng. Asa G. Proctor to prepare estimates of cost to replace sewerage system. Funds to finance will be provided by a bond issue.

GUSTINE, Merced Co., Cal.—Election will be held Jan. 31 to vote bonds of \$10,000 to finance 24-in. sewer extension. A. E. Cowell, city engineer.

AMADOR COUNTY, Cal.—G. D. Con-tones, 46 Collins St., San Francisco, at \$11,857 awarded cont. by State Highway Commission to grade 1 mi. of highway east of Jackson, involy. 15,350 yds. rdwy. excav., incl., 2540 sta. yds. overhaul rdwy. excav., 50 cu. yds. struc. excav., 17 cu. yds. A concrete in structures, 623 lbs. bar reinf. steel in struc., 211 ft. 18-in. corr. metal pipe, 30 ft. 30-in. corr. metal pipe, 106 ft. 36-in. corr. metal pipe.

PALO ALTO, Santa Clara Co., Cal.—City starts proceedings to widen Newell road from Hopkins ave to the creek. J. E. Byxbee, city eng.

OAKLAND, Cal.—County supervisors plan development of Skyline blvd. into scenic highway, extending from Hayward to Berkeley. The extension will be approx. 5 mi. in length extending the blvd. from its present terminus at Redwood rd. s. e. along crest of hills to Gold Links rd. near Lake Chabot and beyond. Geo. A. Posey is county surveyor.

PORTERVILLE, Tulare Co., Cal.—City has started proceedings to pave Harding and Larson streets in Bradick Sub-division; 2 blocks in length.

HANFORD, Kings Co., Cal.—County Purchasing Agent F. M. Cutler will purchase from Standard Oil Co. 6000 bbls. road oil at \$3.90 gal. and 150 tons Calol asphalt at \$18 per ton.

YUBA CITY, Sutter Co., Cal.—County Eng. Oscar W. Lanzendorf instructed by county to prepare spec. to pave 8 mi. of River Road from Martin Service Station to Tudor. Class E asphalt macadam pavement; will be known as Rd. Imp. Dist. No. 4.

SAN FRANCISCO—Until Feb. 8, 3 p. m., bids will be rec. by Board of Public Works to imp. Holladay ave. bet. Persalta ave. and Adams st., estimated cost \$35,000. This is a city pay project. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

SAN FRANCISCO—Board of Public Works requests supervisors to adopt ordinance authorizing preparation of plans for construction of storm drain for Bay Shore Highway crossing Alameda blvd., under Contract No. 2. Est. cost \$85,000. M. M. O'Shaughnessy, city eng.

SAN FRANCISCO—Board of Public Works has requested supervisors to authorize preparation of plans and call for bids to const. Bay Shore Highway, Section B, under Contract No. 3, from Silver ave. to Paul ave. Estimated cost \$260,000. M. M. O'Shaughnessy, city eng.

LONG BEACH, Cal.—Torsion Construction Co., Kansas City, Mo., care Stillwell Hotel, Los Angeles, awarded cont. by city at \$579,416 to const. sewer system in Sewer Pump Dist. No. 10; to have daily capacity of 19,000,000 gallons.

MERCED, Merced Co., Cal.—Valley Paving & Construction Co., Vernalia, at \$101,602 awarded cont. by county to imp. sts. and roads in Rd. Dist. No. 14, involy. grade; 4-in. Willite process asph. conc. pave; cem. conc. comb. curbs and gutters; walks.

SAN LUIS OBISPO, Cal.—County Supervisors appoint S. G. Whitteley engineer for imps. in Acq. and Imp. Dist. No. 3-A. Bids will be asked shortly. J. G. Driscoll is county clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, Santa Cruz, at \$4001.96 awarded cont. by city (105) to imp. Humolt St., bet. Ocean Ave. and termination of Humolt St., involy. 5-in. conc. pave; conc. curb, vit. sewer laterals; wye branches; w. l. water service connections; conc. meter boxes. Granite Const. Co., \$4121 and Thompson Bros., \$1140 were other bidders.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$32,508 awarded cont. by city to imp. portions of Woodrow Ave., California Ave., Delaware Ave., Wilkes Circle, Bethany Circle, etc., involy. 4-in. water-bound macadam pave. with asph. oil surface; conc. curbs and gutters. J. L. Connor, only other bidder at \$36,388. City Eng. Roy Fowler estimated work at \$32,650.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler preparing spec. for curbs, walks and pavement in Pearl and Laurel Sts. extensions.

SANTA CRUZ, Santa Cruz Co., Cal.—City rejects bid of W. Miller, Santa Cruz, at \$7300 to imp. Bixby st. bet. Barson st. and Cliff dr., involy. 5-in. conc. pave; conc. walks, curbs, driveway approaches; vit. clay sewer pipe laterals; wrought iron pipe water services; conc. meter boxes. New bids will be asked to be opened Jan. 26, 9 a. m. S. A. Evans, city clerk.

SAN FRANCISCO—Until Jan. 25, 3 P. M., bids will be rec. by Board of Public Works to imp.

West half of Willard St., bet. McAllister St. and Golden Gate Ave., involy. const. of art. stone walks.

Laidley St., bet. Castro and Roanoke Sts., and portions of Chenery, Castro, Sts., etc., involy. art. stone walks.

North half of Chestnut St., bet. Fillmore St. and Mallorca Way, etc., involy. art. stone walks.

Sixteenth Ave., bet. Ulloa and Vicente Sts., etc., involy. art. stone walks.

Esmeralda Ave., bet. Elsie and Winfield Sts., involy. grading.

Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—Fire Chief Thos. Murphy recommends to Board of Fire Commissioners the widening of the Embarcadero bet. Merchant and Clay sts.

SAN FRANCISCO—Until Jan. 25, 3 p. m., bids will be rec. by Board of Public Works to imp.

Third st. bet. Revere and Key aves. and portions of Lane and Keith sts., etc., involy. art. stone walks.

South half Geary st. bet. 9th and 10th aves. and portions of Broderick st., etc., involy. art. stone walks.

Portions of west half of 21st ave., etc., involy. removal of sand and const. of bulkheads.

Portions of Balboa st. bet. 31st and 32nd ave., etc., involy. art. stone walks.

Howth st. bet. Geneva ave. and Mt. Vernon ave., involy. art. stone walks.

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Otto Alfred Koenig of San Francisco. Surfacing Machine. This relates particularly to that type of such machines which is adaptable to be hand manipulated and by which the surfacing is accomplished with a rotary motion, or a rotary motion plus a reciprocatory motion hand applied.

Milton J. Trumble of Los Angeles. Removable Cover Construction. This invention is particularly adapted for use as a removable cover construction for boilers or other apparatus which are subjected to high pressures.

Hermanus A. Hansen of San Francisco. Screen Door. This invention relates to improvements in screen doors and the like wherein a movable panel is arranged to be moved to cover or uncover a screened opening to obtain an open screen or solid door as desired.

Andrew Smith of San Mateo. Resistance Regulating Apparatus for Electric Welding. This relates to resistance regulators for the circuits supplying current to electric arc welding apparatus, this application being a continuation in part of this application, which eventuated into Patent No. 1,534,288.

Caswell D. Swett of San Francisco. Washing Machine. This provides an improved mechanism which is adapted to be secured directly upon a wall adjacent an ordinary wash tray whereby clothes and the like may be washed in said tray without requiring a separate tub or the like.

SUBSCRIPTION BLANK

Mail Today

To the publisher of the
BUILDING AND ENGINEERING NEWS
547 Mission Street, San Francisco, Calif.

192

We hereby subscribe for the "Building and Engineering News" for _____ years as per X mark of subscription rate.

Signed _____

Street and No. _____

City _____

State _____

Please enclose check or money order with subscription.

Subscription Rates—Payable in Advance

6 months\$3.00 1 year.....\$5.00 2 years.....\$8.00

We also publish the DAILY PACIFIC BUILDER

\$1.25 per month — \$12.00 per year

LARSEN'S ADVANCE CONSTRUCTION REPORTS—Prices on Application
BUILDING LAWS OF SAN FRANCISCO

Official Proposals

NOTICE TO BIDDERS

(Pumping Plant—Coalinga)

The council of the City of Coalinga hereby give notice to prospective bidders for the placing in practical operation and supplying the said City of Coalinga a turbine centrifugal pump to be located at the gas plant property of said city.

Said pump to be of the deep well turbine centrifugal type operating against a head of approximately 230 feet, and a volume capacity of 750 G. M. P. The power of said pump to be a direct connected motor supplied with automatic control.

All surface discharge and connections to be furnished by the city.

Each bidder is respectively requested to survey the premises personally and determine the best and most economical means of connection of pump and motor and present to the council a drawing or diagram of his proposed plant or pump for the aforesaid purpose.

The council assumes the right to accept or reject any or all bids. Complete specifications may be seen or obtained at the City Hall after the date of January 16, 1928.

Bids will be received at the City Hall until 5 P. M., Monday, January 30, 1928, and said bids will be opened at the meeting of January 30th. All bidders must enclose a certified check of 10% of the amount of the bid.

Prospective bidders are invited to attend the meeting of the council to be held at the City Hall, January 16, 1928, at 7:30 o'clock P. M.

L. A. BUCHANAN,
City Clerk, City of Coalinga.

NOTICE TO BIDDERS

(East Palo Alto Water Works District—San Mateo County)

Sealed bids will be received by the Clerk of the Board of Supervisors of San Mateo County, at her office until 10 o'clock A. M., Monday, February 6, 1928, for construction of a domestic water supply system for the East Palo Alto Water Works District, San Mateo County, California.

Plans and specifications for this work are on file in the office of said Clerk of said Board, to which bidders are hereby referred.

All bids must conform to the proposal sheets to be obtained from the office of the County Surveyor of said County, at Redwood City, must give the prices proposed, both in writing and figures, and must be signed by the bidder with his address.

The bid is to be accompanied with a certified check or bidder's bond, equal to ten (10%) per cent of the total of the bid upon the condition that if said bid shall be accepted, the party bidding will duly enter into the contract and faithfully perform his contract in accordance with his bid and the specifications. Such check shall be made payable to the County of San Mateo.

A common law bond will be required for the faithful performance of the contract in such sum as shall be fixed by the said Board of Supervisors after the bids are opened, said sum shall not be less than one-fourth ($\frac{1}{4}$) and not more than one-half ($\frac{1}{2}$) of the estimated amount of the contract; and a further bond in a sum equal to one-half ($\frac{1}{2}$) of the estimated amount of the contract must be furnished as required by the terms of an Act entitled, "An Act to secure the payment of claims of material men, mechanics, or laborers employed by contractors upon state, municipal, or other public work," approved March 27, 1897, and acts amendatory thereof.

The contractor to whom the contract may be awarded, will be required to appear at the office of the County Surveyor with the sureties offered by him, and execute the contract within ten (10) days from the date of the mailing of a notice from the County Surveyor to him that the contract is ready for signature.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

and in case of failure or neglect so to do, he will be considered as having abandoned it and the check shall be forfeited to the said County of San Mateo.

Bids must be enclosed in a sealed envelope addressed to the Clerk of the Board of Supervisors and must be endorsed, "Bids for construction of a Domestic Water Supply System for the East Palo Alto Water Works District, San Mateo County, California."

The Board of Supervisors reserves the right to reject any and all bids.

ELIZABETH M. KNEESE,
Clerk of the Board of Supervisors of San Mateo County, California.
Dated January 9, 1928.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, office of the Supervising Architect, Washington, D. C., January 13, 1928—Sealed Bids will be opened in this office at 3 p. m., February 1, 1928, for furnishing all labor and material necessary for installing one electric freight elevator in the U. S. post office at Pasadena, Calif. Drawings and specifications may be obtained from the custodian at the U. S. post office building, Pasadena, Calif., or at this office in the discretion of the supervising architect.

JAS. A. WETMORE,
Acting Supervising Architect.

NOTICE TO BIDDERS

(Pump—City of Turlock)

Bids will be received by the city clerk of the City of Turlock for a Deep Well Turbine Pump at the City Council's office, 108 North Broadway, up to the hour of 8 o'clock p. m., February 7, 1928, and will be opened as soon thereafter as the same may be reached.

Specifications for the said pump can be obtained upon application.

All bids must be accompanied by a certified check of 10 per cent of the amount of the bid.

The City Council reserves the right to reject any and all bids.

By order of the Board of Trustees of the City of Turlock. Dated this, the 3rd day of January, 1928.

Attest, A. P. FERGUSON,
City Clerk.

MASTER QUANTITY SURVEYOR

For Contractors
GENERALS and BRANCHISTS
ARTHUR FRIDDLE, A. I. Q. S.
693 Mission St. at Third
San Francisco, Calif.
Telephone Douglas 8493
Valuation Engineer
Accredited Appraiser
GENERAL LISTING BUREAU

NOTICE TO CONTRACTORS

(Pumping Plants—El Camino Irrigation District)

Sealed proposals will be received by the Board of Directors of El Camino Irrigation District, at the district office, three miles south of Proberta, Tehama County, California, up to 8 o'clock P. M., February 7, 1928, for furnishing and installing six deep well pumping plants, including all wiring, switches and other accessories necessary to a complete plant.

At the said time and place such proposals will be opened in public and a contract will be awarded to the lowest responsible bidder. Plans, specifications and contracts are on file at the district office, where they may be inspected, or full sets thereof may be obtained by depositing \$5.00 for each set, which will be repaid if the set is returned in good condition on or before February 15, 1928.

Each proposal shall be accompanied by a certified check or bid bond in the amount of at least five per cent of the total amount of the bid submitted, payable to El Camino Irrigation District. Certified checks or bid bonds accompanying rejected bids will be returned. They will be returned to the successful bidder upon executing the contract and furnishing the contract bond specified, within the time stipulated in the proposal. In case of failure of the successful bidder to execute the contract and furnish the required bond within the stipulated time, the certified check or bid bond and the proceeds thereof will become and remain the property of El Camino Irrigation District.

The district reserves the right to reject any or all bids.

By order of the Board of Directors.
O. R. SMITH, Secretary.

NOTICE TO CONTRACTORS

(National Guard Buildings—San Luis Obispo)

BIDS FOR CONSTRUCTION—Office of the United States Property and Disbursing Officer for California, room 1021 Forum building, Sacramento, Cal. Sealed proposals in triplicate will be received here until 12 m. February 10, 1928, and then opened, for furnishing all materials and labor required for construction of 17 officers' and enlisted men's kitchens and mess halls, 3 enlisted men's lavatories, 2 officers' laboratories, 1 regimental warehouse, 1 artillery warehouse, 5 watering troughs, 100 tent floors, small wall, 10 ten floors, large wall, 1 sewage disposal tent floors, large wall, 1 sewage disposal and chlorine control building; installation of complete electrical, water and sewage systems at National Guard Training Camp, 40th Division, San Luis Obispo, Cal. Further information on application.

NOTICE INVITING BIDS

(San Joaquin and Stanislaus Counties—Bridge)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton, until 11:00 o'clock A. M., Tuesday, February 14, 1928, for the construction of a steel and timber bridge over the Stanislaus River. The bridge to be constructed under these plans and specifications is situated at the site of the Burneyville Ferry in Section 24, T. 2 S., R. 9 E., M. D. B. & M., and just north of Riverbank, California. The bridge is a joint bridge between Stanislaus County and San Joaquin County, California, each county to pay for one-half of the cost of construction.

All in accordance with the plans and specifications prepared by F. E. Smith, County Surveyor of San Joaquin County, and approved by J. H. Hoskins, County Surveyor of Stanislaus County, and

adopted and filed by the Boards of Supervisors of San Joaquin and Stanislaus Counties on January 9, 1928, and to which bidders are more particularly referred.

All bids must be made on forms to be obtained from the County Surveyor's office in San Joaquin and Stanislaus Counties and presented in sealed envelopes marked to indicate the contents and addressed to the Clerk of the Board of Supervisors at Stockton, California.

All proposals must be accompanied by United States currency or certified check, or cashier's check made payable to the Chairman of the Board of Supervisors of San Joaquin County in the sum of 5% of the amount of the bid.

A bond of 25% of the contract price will be required of the successful bidder to guarantee the faithful performance of said contract, and a like bond to guarantee the faithful payment and satisfaction of the lawful claims of all persons for labor and material furnished in the prosecution of said contract.

A deposit of \$10.00 will be required on all sets of plans taken out.

The Board reserves the right to reject any or all bids.

By order of said Board of Supervisors of San Joaquin County made January 9, 1928.

EUGENE D. GRAHAM,
County Clerk and Ex-Officio Clerk of the
Board of Supervisors of San Joaquin
County.

By F. L. STRONG,
Deputy County Clerk.

NOTICE TO BIDDERS

(Gridley Union High School District)

Notice is hereby given that the Board of Trustees of the Gridley Union High School District will receive sealed proposals to erect and build a High School Building in accordance with the plans and specifications on file at the office of the Secretary, Mrs. C. W. Chase, located at 830 Hazel Street, Gridley, Calif., and also in the office of the Architects, Davis-Pearce Co., Builders' Bldg., Stockton, Calif. Said proposals will be received up to 1:30 P. M. on Monday, February 6th, 1928, at the office of the Principal of the Gridley Union High School in the High School Building, and opened immediately thereafter.

All bids shall be submitted in accordance with the instructions as outlined in the specifications. Reference is hereby made to plans and specifications.

The Board of Trustees reserves the right to reject any and all bids.

A certified check or bid bond for 10% of the amount of the bid must accompany said bid.

(Signed) C. W. THRESHER,
Clerk of Board of Trustees of Gridley
Union High School District.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICES TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Strub Building, Sacramento, California, until 2 o'clock P. M., on February 14, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications thereto, to which special reference is made, of portions of Strub Highway as follows:

Sutter County, a causeway on the Yuba City to Knight's Landing Highway across the Sutter By-Pass in township thirteen north, range three east, consisting of four 15 foot removable timber truss spans and two hundred thirty-seven 21 foot timber trestle spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the

location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

R. M. MORTON,
State Highway Engineer.
Dated: January 16, 1928.

NOTICE TO BIDDERS

(Pipe Line—Paradise Irrigation Dist.)

Sealed proposals will be received by the Board of Directors of the Paradise Irrigation District at their office at Paradise, California, until 10:00 A. M., Tuesday, the 7th day of February, 1928, there to be publicly opened and read, for furnishing material and performing work as specified below. Contract will be let to the lowest responsible bidder for:

1. Furnishing approximately 6800 feet of 5-in. dipped or soil-proofed steel pipe or equal.

2. Furnishing approximately 1800 feet of 1-in. dipped or soil-proofed steel pipe or equal.

3. Hauling of pipe and fittings.

4. Digging of approximately 5830 feet of 12x24-in. trench.

5. Backfilling 8590 feet of trench.

Plans and specifications may be obtained from the office of said Board.

The right is reserved to reject any and all bids, to waive any informality in the bid received, and to accept any bid which is deemed to be the most favorable to the interests of the District.

By order of the Board of Directors of the Paradise Irrigation District, dated January 3, 1928.

J. E. ALLEY,
Secretary and Engineer.

NOTICE TO CONTRACTORS

(Santa Barbara County Courthouse)

Pursuant to an order of the Board of Supervisors of the County of Santa Barbara, State of California, made on the 16th day of January, 1928, notice is hereby given that sealed bids will be received until 11 o'clock A. M. on the 6th day of February, 1928, by the Board of Supervisors of the County of Santa Barbara, in the City of Santa Barbara, County of Santa Barbara, State of California, said bids, then and there will be publicly opened and read for the furnishing of all plant and labor and material and doing the work required, for the construction and erection of the Court House, Hall of Records and Jail Building on the Court House site in the City of Santa Barbara, State of California, and all in accordance with the plans and specifications thereto, made by William Mooser Co., Architects, Nevada Bank Bldg., San Francisco, California, such bids will be received for the work as follows separately:

ONE BID—No. 1—For Jail Cells complete.

ONE BID—No. 2—For all work in Hall of Records.

ONE BID—No. 3—For all Tile.

ONE BID—No. 4—All cement or other floor work as called for in specification pages 10 to 21, inclusive.

and other works as called for in specification pages 1 to 9, inclusive.

Each proposal must be submitted on forms similar to the one here attached as prepared by the Architects, William Mooser Co., Nevada Bank Bldg., San Francisco, California.

Cash, a bidders' bond, or a certified check, in the sum of at least ten percentum (10%) of the amount of the bid must accompany each bid, and be payable to the Chairman of the Board of Supervisors of the County of Santa Bar-

bara, as a guarantee that the bidder whose proposal is accepted will enter into a contract with the County of Santa Barbara, for the work bid upon, otherwise said cash or bidder's bond, or certified check will be forfeited to the County of Santa Barbara.

Plans and specifications for above work may be seen at the Field Office of the Architects, Court House Site, Santa Barbara.

Sets of plans and specifications will be loaned out to bidders upon deposit of fifty (\$50.00) Dollars, coin or certified check; said deposit to be refunded to bidder when the set of plans and specifications are returned in good condition accompanied by bid; each deposit shall be forfeited to the Architects, provided the set of plans and specifications are not returned in good condition and within five (5) days from the time the same are taken out, unless a bid is to be submitted on or before date set for receiving bids.

Application for plans and specifications must be made to the Architects William Mooser Company, Nevada Bank Bldg., San Francisco, California.
RIGHTS RESERVED:

The County of Santa Barbara reserves the following rights: (a) To reject any or all proposals; (b) to waive any informalities in any proposal; (c) to award the contract to some other than the lowest bidder, as this clause expressly puts the bidder on notice that his financial and business standing and ability properly and expeditiously to carry out work hereunder, or the consideration of desired alternates, makes his proposal more advantageous to the County of Santa Barbara; (d) to accept any alternate or separate parts of the work, under this provision; (e) to deduct any separate item mentioned in any proposal at the price therein stated therefor; (f) to make any additions to, omissions from, changes in, or substitution for the work or materials or articles called for by the contract, subject to the requirements of the paragraph thereof headed under that particular item and without notice to the sureties on the bond, if any, guaranteeing the performance of the contract.

All bids must be addressed to the County Clerk of Santa Barbara, in the City of Santa Barbara, State of California, and have endorsed thereon:

Proposals for Court House, Hall of Records and Jail Building for the County of Santa Barbara, California, and the particular part of the work bid upon.

C. L. PREISKER,
Chairman of the Board of Supervisors of the County of Santa Barbara.

D. F. HUNT,
County clerk and Ex-Officio Clerk of the Board of Supervisors of the County of Santa Barbara.

SACRAMENTO ENGINEERS ELECT OFFICERS FOR 1928

Newly elected officers of the Sacramento Section, American Society of Civil Engineers, were installed at a dinner held Jan. 12 in the Hotel Senator.

The section's new president is J. Burdette Brown, extension specialist in irrigation of the University of California. Fred Grumm, an engineer with the division of highways, is first vice president; Walter E. Stoddard, hydraulic engineer for the division of water rights, second vice president; Norwood Sillsbee, engineer for the Natomas Co., secretary-treasurer.

Mr. Brown announced the appointment of his committee for the forthcoming year. One body, named for the purpose of extending efforts to bring the 1930 national convention of the American Society of Civil Engineers to Sacramento, was named to be composed of T. E. Stanton, chairman; Drury Butler, Joseph C. Boyd, Joseph E. Gross, Edward Hyatt, Jr., Albert Givan and Charles S. Pope.

Everett N. Bryan was named chairman of the public relations committee; Albert Givan, memorial committee; R. T. St. John, committee on local sections; S. H. Searnacke, entertainment committee; Mark E. Edson, biographies, and J. Burdette Brown, T. E. Stanton and Norwood Sillsbee as delegates to the Sacramento Technical Council.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
87	Arnott	Owner	7500
88	Tershuren	Owner	1500
89	Klute	Magill	2000
90	Del Carlo	Owner	1000
91	Cubio	Pinkert	4000
96	Miller	Owner	4000
92	Scoble	Owner	17000
93	Lalanne	Owner	14000
94	Foster	Owner	8000
95	Pacific Coast	Owner	6000
96	Sullivan	Owner	5000
97	Tommaro	Owner	6000
98	Pierano	Alderman	5000
99	Condit	Owner	2500
100	Herzig	Owner	5000
101	Fanucchi	San Bruno	1000
102	Pacific	Owner	40000
103	Sullivan	Owner	12000
104	Johanson	Hermanson	5000
105	Erlis	Grother	5000
106	Crothers	Owner	25000
107	Rogers	Owner	12000
108	Evanikoff	Owner	7500
109	Cooley	Owner	40000
110	Cooley	Owner	24000
111	Cooley	Owner	33000
112	Engdahl	Owner	15000
113	Grace	Owner	6000
114	Kelly	Owner	6000
115	Reginato	Owner	1000
116	Schmidt	Owner	2000
117	Arnott	Arnott	8000
118	Grace Cath.	Dinwiddie	100000
119	Hammer	Owner	8000
120	Jorgensen	Owner	18750
121	Jorgensen	Owner	18000
122	Kerns	Owner	4000
123	Leask	Leask	4500
124	McCarthy	Owner	8000
125	Meyer	Owner	4000
126	Moeller	Hamill	7500
127	Mohr	Owner	4000
128	Mohr	Owner	9000
129	Brown	Blincoe	1000
130	Cassidy	Stevenson	4900
131	Duff	Hart	1600
132	Johnson	Owner	4500
133	Mager	Mager	6000
134	Moore	Owner	4000
135	Pfeifer	Owner	14000
136	Stevenson	Owner	3800
137	Stoneson	Owner	15000

DWELLING
(86) E TWENTY-NINTH AVE 200 S Kirkham. One-story and basement frame dwelling.
Owner—P. S. Miller, 1366 35th Ave., San Francisco.
Architect—None. \$4000

DWELLING
(87) NE SIXTEENTH AVE AND SANTIAGO. Two-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—None. \$7500

DWELLING
(88) SW NINETEENTH & DOUGLAS. One-story and basement frame dwelling.
Owner—G. F. Tershuren, 302 Douglas St., San Francisco.
Architect—None. \$1500

STORE
(89) S TARAVAL 132-6 W Thirty-first Ave. One-story frame store.
Owner—William Klute, 185 19th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 185 19th Ave., San Francisco. \$2000

ALTERATIONS
(90) NO. 387 CHARTER OAK AVE. Move building back from street.
Owner—A. Del Carlo, 387 Charter Oak Ave., San Francisco.
Architect—None. \$1000

DWELLING
(91) W ANDOVER 300 S Courtland. One-story and basement frame dwlg.
Owner—Mrs. Cubio, 72 College Ave., San Francisco.
Architect—J. Heffernan, 57 Santa Marina St., San Francisco.
Contractor—A. Pinkert, 1 Santa Marina St., San Francisco. \$4000

APARTMENTS
(92) SW BEACH AND PIERCE STS. Three-story and basement frame (9) apartments.
Owner—Thomas R. Scoble.
Architect—Edward E. Young, 2002 California St., San Francisco. \$17,000

APARTMENTS
(93) E GUERRERO 103-3 S Market. Three-story and basement frame (5) apartments.
Owner—Anna Lalanne, 100 Dolores St., San Francisco.
Architect—None. \$14,000

DWELLINGS
(94) W FORESTER 25 and 50 N Mangels. Two one-story and basement frame dwellings.
Owner—F. J. Foster, 12 Sala Terrace, San Francisco.
Architect—Charles Strothoff, 2274 15th St., San Francisco. \$4000 each
(95) N IRWIN bet. Seventh and Eighth. Erect fire walls and fire doors in glass bottle warehouse.
Owner—Pacific Coast Glass Co., Seventh and Irwin Sts., San Francisco.
Engineer—W. E. Murray, Merchants' Exchange Bldg., San Francisco. \$6000

DWELLING
(96) W KEYSTONE WAY 358 N Ocean Ave. Two-story and basement frame dwelling.
Owner—Thos. J. Sullivan, 254 Jules St., San Francisco.
Architect—None. \$5000

DWELLINGS
(97) N TWENTY-THIRD ST. 50 and 75 E York. Two two-story and basement frame dwellings.
Owner—V. Tammaro, 2824 23rd St., San Francisco.
Architect—None. \$3000 ea

ALTERATIONS
(98) NO. 459 TURK. Alter and remodel hotel.
Owner—M. Peirano, 1059 N-Ophia St., Stockton.
Architect—None.
Contractor—C. S. Alderman, 555 O'Farrell St., San Francisco. \$5000

DWELLING
(99) E FORTY-SEVENTH AVE 200 N Kirkham. One-story and basement frame dwelling.
Owner—Condit & Maxam, 1175 Howard St., San Francisco.
Architect—None. \$2500

DWELLING
(100) W SANFRANBANK 180 N Ocean Ave. One-story and basement frame dwelling.
Owner—A. J. Herzig.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$5000

ALTERATIONS
(101) NO. 381 CHARTER OAK AVE. Remove house back frame street line and erect new foundation.
Owner—B. Fanucchi, Premises.
Architect—None.
Contractor—San Bruno Ave. Grading & Cement Contractors, 2561 San Bruno Ave., San Francisco. \$1000

FACTORY
(102) SW NEWHALL AND WILLIAMS. One-story reinforced concrete factory.
Owner—Pacific Can Co., 10th & Division Sts., San Francisco.
Architect—L. H. Nishkian, 618 Underwood Bldg., San Francisco. \$40,000

DWELLINGS
(103) W KEYSTONE WAY 288, 393 and 428 N Ocean Ave. Three one-story and basement frame dwellings.
Owner—T. J. Sullivan, 254 Jules St., San Francisco.
Architect—None. \$4000 each

FLATS
(104) N FIFTEENTH ST. 93 W Castro. Two-story and basement frame (2) flats.
Owner—J. B. Johansson, 198 Castro St., San Francisco.
Architect—None.
Contractor—W. L. Hermanson, 324 Peru St., San Francisco. \$5000

DWELLING
(105) E MARKET 365 S Romain St. Two-story and basement frame dwlg.
Owner—Mrs. Rosa Friis, 3665 Market St., San Francisco.
Architect—None.
Contractor—H. W. Grotheer, 813 Cole St., San Francisco. \$5000

APARTMENTS
(106) NE McALLISTER ST. AND Masonic Ave. Three-story and basement frame (12) apartments.
Owner—R. A. Crothers, 916 Kearny St., San Francisco.
Architect—None. \$25,000

DWELLINGS
(107) W TWENTY-NINTH AVE 25, 50 and 75 N Kirkham. Three one-story and basement frame dwellings.
Owner—J. A. Rogers, 1695 21st Ave., San Francisco.
Architect—R. R. Irvine, New Call Bldg., San Francisco. \$4000 each

DWELLING
(108) SW TWENTY-SECOND AND DE Haro. Two-story and basement frame store and dwelling.
Owner—William Evanikoff, % Architect
Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco. \$7500

APARTMENTS
(109) NE PRESIDIO AVE & SUTTER St. Three-story and basement frame (21) apartments.
Owner—Mrs. Bessie Cooley, Hearst Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$40,000

APARTMENTS
(110) N SUTTER 100 E Presidio Ave. Three-story and basement frame (12) apartments.
Owner—Mrs. Bessie Cooley, Hearst Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$24,000

APARTMENTS
(111) N SUTTER 50 E Presidio Ave. Three-story and basement frame (15) apartments.
Owner—Mrs. Bessie Cooley, Hearst Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$33,000

APARTMENTS
(112) SW FIFTEENTH AND CASTRO. Three-story and basement frame (12) apartments.
Owner—Engdahl & Munson, 760 14th St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$15,000

DWELLINGS
(113) N TWENTY-THIRD 100 and 125 E DeHaro. Two one-story and basement frame dwellings.
Owner—E. F. Grace, 1112 Rhode Island St., San Francisco.
Architect—None. \$3000 each

DWELLING
(114) S SAN PABLO AVE Lot 38 Blk 26, Extension 2 St. Francis Wood. One-story and basement frame dwlg. Owner—R. H. Kelly, 21 San Pablo Ave., San Francisco. \$6000
Architect—None.

ALTERATIONS
(115) NO. 1544 GUERRERO. Remodel store front. Owner—Frank Reginato, Premises. Architect—None. \$1000

DWELLING
(116) W POTRERO AVE 253 S Twenty-fifth. One-story and basement frame dwelling. Owner—J. Schmidt, 1395 Hampshire St., San Francisco. Architect—A. Schmidt, 1395 Hampshire St., San Francisco. \$2000

DWELLINGS
(117) W 16TH AVE. 245 and 276 N Santiago st.; two 1-story and basement frame dwellings. Owner—Jas. A. Arnott, 633 Taraval St. Architect—None. Contractor—Jas. A. Arnott & Son 633 Taraval St. \$1000 each

CHAPEL
(118) NE JONES and California; reinforced concrete and stone chapel. Owner—Grace Cathedral Co. Architect—L. P. Hobart, 1122 Crocker Bldg. Contractor—Dimwiddle Construction Co., 1101 Crocker Bldg. \$100,000

DWELLINGS
(119) S MANGELS 125 and 150 E Foerster; two 1-story and basement frame dwellings. Owner—Arvid Hammer, 45 Newton St. Architect—None. \$4000 each

FLATS
(120) S NORTH POINT 168.9 W Broderick; 2-story and basement frame (2) flats. Owner—M. P. Jorgensen, 3729 Divisadero. Architect—Irvine & Ebbets, New Call Bldg. \$9000

FLATS
(121) S NORTH POINT 118.9 and 143.9 W Broderick; two 2-story and basement frame (2) flats. Owner—M. P. Jorgensen, 3729 Divisadero St. Architect—Irvine & Ebbets, Cali Bldg. \$9000 ea.

DWELLING
(122) S MORAGA 167.6 E 23rd ave; 1-story and basement frame dwelling. Owner—J. Kerns, 1334 10th ave. Architect—Lloyd E. Hansberry, 1571 O'Farrell. \$1000

DWELLING
(123) E 30TH AVE. 100 N Judah; 1-story and basement frame dwelling. Owner—Robert Leask, 45 Glover St. Architect—None. Contractor—Gordan Leask, 197 Parker Avenue. \$4500

DWELLINGS
(124) S IRKHAM 95 and 120 W 28th ave.; two 1-story and basement frame dwellings. Owner—J. E. McCarthy, 1485 Funston ave. Architect—None. \$1000 each

DWELLING
(125) W 41ST AVE. 157.7 S Clement St; 1-story and basement frame dwelling. Owner—Meyer Bros., 727 Portola dr. Architect—None. \$4000

POST OFFICE
(126) W 30TH AVE. 45 N Geary St; 1-story frame post office bldg. Owner—Gus Moeller & Sons, 6260 Geary. Architect—None. Contractor—Thos. Hamill Bldg. Co., 6242 Geary St. \$7500

DWELLING
(127) S MONTEREY Blvd. 200 E Foerster; 1-story and basement frame dwelling. Owner—Mohr Bros. Co., 116 9th St. Architect—None. \$1000

DWELLINGS
(128) S MANGELS 325, 350 and 375 W Foerster; three 1-story and basement frame dwellings. Owner—Rudolph Mohl & Sons, 116 9th St. Architect—None. \$3000 each

ADDITION
(129) NO. 1545 PINE. Install additional girders in storage room. Owner—Joseph Brown, Chronicle Bldg., San Francisco. Architect—None. Contractor—C. O. Blincoe, 1815 Gough St., San Francisco. \$1000

DWELLING
(130) W MISSISSIPPI 100 N Nineteenth. Two-story and basement frame dwelling. Owner—R. F. Cassidy, 215 Connecticut St., San Francisco. Architect—None. Contractor—L. Stevenson, 130 Merced Ave., San Francisco. \$1500

ALTERATIONS
(131) NO. 14 SHORE VIEW AVE. Alter and remodel dwelling. Owner—John E. Duff, Premises. Architect—None. Contractor—E. G. Hart, 1055 Clay St., San Francisco. \$1600

DWELLING
(132) SW CURTIS AND BRUNSWICK. One-story and basement frame dwlg. Owner—Gus Johnson, 1175 Munich St., San Francisco. Architect—None. \$1500

DWELLINGS
(133) E ALLISON 125 & 150 N Brunswick. Two one-story and basement frame dwellings. Owner—Jacob Mager, 1359 Fourth Ave., San Francisco. Architect—None. Contractor—Mager Bros., 1359 Fourth Ave., San Francisco. \$3000 each

DWELLING
(134) W NOE 76-6 N Twenty-seventh. One-story and basement frame dwlg. Owner—E. Moore, 864 Ellis St., San Francisco. Architect—None. \$4000

(135) E POPE 75, 100, 125 and 150 S Brunswick. Four one-story and basement frame dwellings. Owner—Fred G. Pfeiffer, 940 Geneva Ave., San Francisco. Architect—None. \$3500 each

DWELLING
(136) W CONNECTICUT 456 S Twentieth. One-story and basement frame dwlg. Owner—L. Stevenson, 130 Merced Ave., San Francisco. Architect—None. \$3800

DWELLINGS
(137) E BRENTWOOD 152, 452 & 495 S Los Palms. Three-story and basement frame dwellings. Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$5000 each

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
15	Johnson	Henderson	402000
16	Y M C A	Parker	3500
17	Estebes	Orri	5354
18	Tiedemann	Mowat	1791
19	Same	Western	3820
20	Same	O'Mara	53395
21	Same	Moller	4775
22	Carosio	Boni	14653
23	La Miranda	Raphael	1321
24	Same	Gulfoff	11622
25	Same	Pacific	77156
26	Same	Michel	25138
27	Same	Peterson	33819
28	Same	Scott	4400
29	Same	Wilson	49252
30	Same	Mealey	56778
31	Same	Stockholm	5900
32	Same	Bradley	15950
33	Same	Sibley	15131
34	Same	Inlaid	15547
35	Same	Matson	7998
36	Same	Spencer	
37	Pucci	Delucchi	

ALTERATIONS
(15) NO. 2855 PACIFIC AVE. All work for alterations to residence. Owner—J. Studebaker Johnson. Architect—Willis Polk & Co., 277 Pine St., San Francisco. Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.

Filed Jan. 12, '28. Dated Jan. 6, '28.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$—
Bond, limit, forfeit, none. Plans and specifications filed.

HOTEL
(16) S TURK 137-6 W Leavenworth W 137-6xS 137-6. All work for twelve-story and basement steel frame concrete hotel building. Owner—Y. M. C. A. Hotel Co., 220 Golden Gate Ave., San Francisco. Architect—Frederick H. Meyer, 742 Market St., San Francisco. Contractor—K. E. Parker Co., 135 South Park, San Francisco. Filed Jan. 12, '28. Dated Dec. 31, '27. Commencing on 3rd Saturday after commencement and every alternate Saturday thereafter of work done, etc. Usual 35 days, balance..... 75%
TOTAL COST not exceed \$402,000
Contractor to receive actual cost plus \$16,000.
Bond, \$402,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 10 months. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(17) NO. 669 TO 671 PENNSYLVANIA Ave. All work for repairing building. Owner—Mariano Estebes, 677 Pennsylvania Ave., San Francisco. Architect—None. Contractor—G. Orri, 2023 22nd St., San Francisco. Filed Jan. 13, '28. Dated Dec. 1, '27. Frame up..... \$1100
Brown coated..... 763
Completed..... 762
Usual 35 days..... 875
TOTAL COST, \$3500
Bond, none. Limit, 100 days. Forfeit, plans and specifications, none.

CORK INSULATION
(18) SW LANGTON 275 SW Bryant 115 x75. All work for cork insulation for walls and floors, etc., for building. Owner—Tiedemann & Harris, 780 Folsom St., San Francisco. Architect—Dodge A. Riedy, 821 Market St., San Francisco. Contractor—The Mowat Co., 931 Mission St., San Francisco. Filed Jan. 13, '28. Dated Jan. 10, '28. On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5354
Bond, limit, forfeit, none. Plans and specifications filed.

(19) MEAT TRACKS. HANGERS, switches, timbers, etc., on above. Contractor—Western Butchers Supply Co., 156 4th St., San Francisco. Filed Jan. 13, '28. Dated Jan. 10, '28. Payments same as above..... TOTAL COST, \$1791
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(20) STEAM HEATING AND MECHANICAL equipment on above. Contractor—O'Mara & Stewart, 218 Clara St., San Francisco. Filed Jan. 13, '28. Dated Jan. 9, '28. TOTAL COST, \$3820
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(21) ALL WORK EXCEPT STEAM heating and mechanical equipment, meat tracks, refrigerating equipment, insulating cold storage, rooms, spiral chute and elevator on above. Contractor—Fred Moller, 185 Stevenson St., San Francisco. Filed Jan. 13, '28. Dated Jan. 5, '28. 2nd floor slab poured..... \$10,011.50
Roof and firewalls poured..... 10,011.50
Brown coated..... 10,011.50
Completed and accepted..... 10,011.50
Usual 35 days..... 13,349.00
TOTAL COST, \$33,395.00
Bond, \$26,700. Sureties, Leonard Bosch and Stephen I. Guerin. Limit, 75 days. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.
(22) NE FILBERT AND MASON. All work for lathing, etc., for four-story and basement Class C building. Owner—Enrico and Caterina Carosio. Architect—Luigi Dallorio. Contractor—Guido Boni & Co., 2352 Lombard St., San Francisco. Filed Jan. 14, '28. Dated Jan. 13, '28. Brown coated on interior; exterior 2nd coat on..... \$1193.75
Exterior completed..... 1193.75

Completed and accepted..... 1193.75
Usual 35 days..... 1193.75
TOTAL COST, \$4775.00
Bond, limit, forfeit, plans and specifications, none.

APARTMENTS

(23) NW UNION AND LEAVENWORTH
W 65xN 137-6. Painters work for
twelve-story and basement Class A
apartment house (20 apts).
Owner—La Mirada Corp., 625 Market St.,
San Francisco.
Architect—Reid Bros., 105 Montgomery
St., San Francisco.
Contractor—Raphael Co., 270 Tehama St.,
San Francisco.

Filed Dec. 17, '28. Dated Dec. 15, '27.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,653
Bond, \$7327. Surety, Globe Indemnity Co.
Limit, as rapidly as possible. Forfeit,
none. Plans and specifications filed.

(24) SHEET METAL WORK ON

above.
Contractor—Guilfooy Cornice Works, 1234
Howard St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$1321
Bond, \$700. Surety, U. S. Fidelity &
Guaranty Co. Limit, as rapidly as possible.
Limit, none. Plans and specifications filed.

(25) FABRICATION AND ERECTION

of structural on above.
Contractor—Pacific Coast Engineering
Co., Foot of 14th St., Oakland.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$83.95 per ton
Bond, \$17,500. Surety, Southern Surety
Co. Limit, 60 days after delivered.
Forfeit, none. Plans and specifications
filed.

(26) METAL WINDOW FRAMES, SASH

hardware, glass and fire escapes on
above.
Contractor—Michel & Pfeffer, 1415 Har-
rison St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$11,622
Bond, \$6000. Surety, Fidelity & Deposit
Co. Limit, as soon as possible. Forfeit,
none. Plans and specifications filed.

(27) PLAIN AND REINFORCED CON-

crete on above.
Owner—H. L. Petersen, 163 Sutter St.,
San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$77,156
Bond, \$38,578. Surety, Fidelity & De-
posit Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(28) TILE WORK AND STEAM HEAT-

ing on above.
Contractor—Scott Co., 243 Minna St.,
San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$25,138
Bond, \$12,569. Surety, New Amsterdam
Casualty Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(29) PLUMBING ON ABOVE.

Contractor—Wm. F. Wilson Co., 242 4th
St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$33,819
Bond, \$16,910. Surety, The Aetna Casu-
alty & Surety Co. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(30) HOLLOW TILE AND CHIMNEY

work on above.
Contractor—Mealey & Collins, 666 Mis-
sion St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$4400
Bond, \$2200. Surety, Fidelity & Casualty
Co. of New York. Limit, as soon as
possible. Forfeit, none. Plans and spec-
ifications filed.

(31) CARPENTRY AND HARDWARE

on above.
Contractor—Chas. Stockholm & Son,
Hearst Bldg., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$49,252

Bond, \$25,000. Surety, New Amsterdam
Casualty Co. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(32) METAL PARTITIONS, FURRING,

lathing, plastering, cornice, etc., on
above.
Contractor—Peter Bradley, 666 Mission
St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$56,778
Bond, \$28,390. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(33) EXCAVATION ON ABOVE.

Contractor—Sibley Grading & Teaming
Co., 165 Landers St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$5900
Bond, \$3000. Surety, Fidelity & Deposit
Co. Limit, 21 days after notified. For-
feit, none. Plans and specifications filed.

(34) HARDWOOD FLOORS ON ABOVE.

Contractor—Inlaid Floor Co., 600 Alaba-
ma St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$15,950
Bond, \$7875. Surety, Fidelity & Deposit
Co. of Maryland. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(35) ELECTRICAL WORK ON ABOVE.

Contractor—Matson-Seabrooke Co., 4115
Broadway, Oakland.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$15,131
Bond, \$7565. Surety, Fidelity & Deposit
Co. of Maryland. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(36) ONE PASSENGER AND TWO

freight elevators on above.
Contractor—Spencer Elevator Co., 166 7th
St., San Francisco.
Filed Jan. 17, '28. Dated Dec. 15, '27.
Payments same as above.
TOTAL COST, \$13,547
Bond, \$8000. Surety, Fidelity & Deposit
Co. of Maryland. Limit, as soon as pos-
sible. Forfeit, none. Plans and specifi-
cations filed.

FLATS

(37) SW PAUL AVE AND WHEAT.
All work for frame building (two-
story and basement (2) flats).
Owner—D. Pucci, 16 Ware St., San Fran-
cisco.

Architect—Edw. J. O'Connor, 346 Wool-
sey St., San Francisco.
Contractor—D. and Richard Delucchi, 625
Brussels St., San Francisco.
Filed Jan. 18, '28. Dated Jan. 7, '28.
Roof on..... \$2000
Brown coated..... 2000
Completed and accepted..... 1998
Usual 35 days..... 2000
TOTAL COST, \$7998

Bond, none. Limit, 90 days. Forfeit,
plans and specifications, none.

COMPLETION NOTICES

San Francisco County

Recorded	Accepted
Jan. 11, 1928—N GREEN 76.6% W La- guna W 23.7% x N 100. Ellen R Strong to L A Blecher.....Jan. 11, 1928	
Jan. 11, 1928—W LEVADADERO 87.6 N Bay 25 x 127.6. Dio Mollath to D W Ross.....Jan. 11, 1928	
Jan. 11, 1928—SE JEFFERSON AND Divisadero S 50 E 93.6 N 50 S 93.9 Edna B Stempel to R J Stempel..... Jan. 11, 1928	
Jan. 11, 1928—S 21ST 35 W FAIR OAKS W 25 x S 74.3. James Monaghan to whom it may concern.....Jan. 10, 1928	
Jan. 11, 1928—NE JACKSON & ADE Alley E 57.6 x N 137.6. Zellerbach Levison Co to Sullivan Iron Works..... Jan. 11, 1928	
Jan. 11, 1928—N EL CAMINO DEL Mar with W bdy line lot 1 rung E & alg said line El Camino Del Mar 56.6 N 6 deg 33 min W 339.10% to NW bdy line lot 1 S 71 deg 4 min W 60 to W bdy line 1 S 7 deg E alg bdy line lot 1, 330.3% to beg ptn lot 1 map	

Lyon & Hoag's sub ppy of Bakers
Beach Land Co. Comg intersection
N El Camino Del Mar with E bdy line
Lincoln way rung E & alg said N
line El Camino Del Mar with E bdy
line lot 1 Lyon & Hoag's sub of ppy
of Bakers Beach Land Co N & alg
said last desc'd bdy line 250.64 S 54
deg W 43.86 to E bdy line Lincoln
Park S alg bdy line Lincoln Park
229.84 to beg. F Rolandi to whom it
may concern.....Jan. 5, 1928

Jan. 12, 1928—LOTS 7, 8, 26 & 27, BLK
3053 as said lots and blk are shown
on map blks 3050 to 3053 ptn blks
3038 & 3054 Westwood Highlands
desc'd S Hazelwood ave 28.198 E from
inter with W line lot 30 blk 3038 as
shown on map blks 3004B, 3005B,
3005C, 3005D, and ptn blks 2973, 3038
& 3054 Westwood Highlands rung
th E alg S line Hazelwood ave 40 th
S 95.32% to SE cor lot 31 of said blk
3038 th W alg S line of said lots
44.942 th N 100.53% to S line Hazel-
wood ave & pt beg ptn lots 30 & 31
blk 3038 lots 14 & 15 blk 3044 map
blk 3044 and 3045 ptn blks 3039, 3042
and 3047 Monterey Heights Henry &
Hazel Stoneson to whom it may con-
cern.....Jan. 6, 1928

Jan. 13, 1928—N HEARST AVE 200 E
Genessee E 25 x N 112.6 lot 16 blk 11
Sunnyside, Max Selzer to whom it
may concern.....Jan. 13, 1928

Jan. 13, 1928—NW Natoma 200 SW 3rd
SW 75 NW 80 NE 60 NW 70 NE 20
SE 70 SW 5 SE 80. The Lurie Co to
Spencer B Bage as Industrial Const.
Co.....Jan. —, 1928

Jan. 13, 1928—E 40TH AV 350 S Irving
25 x 120. W G Pattison to George
H Hansell.....Dec. 22, 1927

Jan. 13, 1927—LOT 56 BLK 11 MAP
sub No 2 Clarendon Heights. Harry
P and Margaret Kavanagh to whom
it may concern.....Jan. 13, 1927

Jan. 13, 1928—SW SIXTH 125 NW
Brannan NW alg 6th 42.6 x SW 160
to NE Harriet ptn 100 x blk 398.
J F Barrett & H H Hilp to Barrett
& Hilp.....Jan. 8, 1928

Jan. 13, 1928—S CALIFORNIA 160-742
E Laguna E 79-71%XS 137-6.1 M
Zelinsky et al to whom it may con-
cern.....Jan. 22, 1928

Jan. 13, 1928—E SAN JOSE AVE 25 N
Tingley. A A Wesendunk Jr to
whom it may concern.....Jan. 12, 1928

Jan. 13, 1928—S CALIFORNIA 51 E La-
guna E 79-71%XS 137-6. D Zelinsky
et al to whom it may concern.....
Jan. 12, 1928

Jan. 13, 1928—E NOE 101-6 N Valley
25x105. Andrew Borwick to whom
it may concern.....Jan. 12, 1928

Jan. 13, 1928—W TWENTIETH AVE
150 N Quintara N 25xW 120. V A and
Harriette Prindle to John E Mc-
Carthy.....Jan. 12, 1928

Jan. 12, 1928—E MISSION 95 N 20TH
N alg E Mission 165 x E 245 to pt on
W Capp ptn M B 62. George S. Sarah
C, Grace M and Samuel M Crim to
Larsen & Larsen.....Jan. 3, 1928

Jan. 12, 1928—E MISSION 95 N 20TH
N alg E Mission 165 x E 245 on W
Capp ptn M B 62. George S. Sarah
C, Grace M and Samuel M Crim to
Morrison & Co., Jan. 5, 1928; and Scott
Co., Inc, Jan. 5, 1928; and J W Ben-
der Roofing & Paving Co. Jan. 11, 1928

Jan. 12, 1928—LOT 5 BLK 16 MAP St
Francis Wood Extn No 1. Dr Thos
I Jones to Jas Arnott & Son.....
Jan. 4, 1928

Jan. 12, 1928—S CHESTNUT 193.9,
168.9 and 218.9 E Broderick E 25 x
S 137.6 (3 completions), Manning-
Baldwin Inc to whom it may con-
cern.....Jan. 12, 1928

Jan. 14, 1928—SW PACIFIC & SAN-
some 138.4 on Pacific 68.9 on San-
some. Tea Garden Products Co to
Herman Lawson.....Jan. 10, 1928

Jan. 14, 1928—SE MATEO AND AR-
lington 25 x 100. George Marzoff to
E Elbeson & Edwin Anderson.....
Jan. 14, 1928

Jan. 14, 1928—E 25TH AVE 25 N Mo-
ranga N 25 x E 95. Sunset District
Building Co to whom it may con-
cern.....Jan. 12, 1928

Jan. 14, 1928—PTN LOT 3 BLK M
Jan. 14, 1928—E 22ND AVE 225 & 250
S Kirkham S 25 x E 120. F E Alm-
quist to whom it may concern.....
Jan. 12, 1928

Jan. 14, 1928—SE GUERRERO & 14TH
S 58 x E 50.1%, Violet N. Mel I and
Monroe R Schwartz to Spivock and
Spivock.....Jan. 2, 1928

Jan. 11, 1928—N MONTANA 375 W Plymouth Ave alg Montana 25 x N 125. Michael H Rowland to C Lester. Jan. 14, 1928	curved line San Anselmo ave NE line lot 4 SW 40 S 66 deg 35 min 29 sec E 87.72 N 9 deg 28 min 01 sec E 49.78 to its intersection with N line lot 4 N 72 deg 43 min 10 sec W 78.89. G Mazzera vs Frank H and Violet Walker. Stephenson Constr Co and E Carter. \$634.05	Co to T R Belmont (2 liens) ...\$120 ea.
Jan. 14, 1928—S SADOWA 480 W Capitol ave W 25 x N 125 lot 16 blk S Railroad Hd Assn No 2 Eleanor Halman Mills to whom it may concern. Jan. 13, 1928	Jan. 11, 1928—N GREEN 52.9 W Laguna W 23.74 x N 100. Acme Gravel Co vs R J Williams as Richmond Concrete Co, Sarah J Jordi and Wm B Herlihy. \$189.48	Jan. 14, 1928—N GROVE 62.6 E Divisadero N 107.6 x E 37.6. San Francisco Concrete & Mosaic Works vs Johnson & Erlendson. \$972.51
Jan. 14, 1928—E LONDON 50 S Brazil ave. E London 25 S Brazil ave. A De Benedetti to whom it may concern. Jan. 14, 1928	Jan. 11, 1928—W 25TH AVE 200 S Lawton S 150 x W 120. W F Koch vs Wm F Zupar, F C Hakeman, Reno P Knoblaue. \$718	Jan. 11, 1928—N GREEN 150 E VAN Ness 135xN 125. Michel & Pfeiffer Iron Works vs William D and Preciosa Shea. \$750
Jan. 14, 1928—PTN LOT 3 BLK M Railroad Hd Assn on S Lobos 200 W of W Plymouth ave alg said line Lobos 25 th 90° S 125. J Wm Cook to whom it may concern. Jan. 14, 1928	Jan. 10, 1928—W DIVISADERO 100 N Chestnut N alg W Divisadero 25 x W 118.9. H Ankers vs J A and Corrine Frye. \$300	Jan. 14, 1928—E PIERCE 75 S CAPRA way 50 S x E 100. Lally Co vs Miller Moore. \$232.10
Jan. 14, 1928—PTN LOT 3 BLK M Railroad Hd Assn on S Lobos 250 W Plymouth Ave alg Lobos 25 th 90° S 125. J William Cook to whom it may concern. Jan. 14, 1928	Jan. 12, 1928—E ASHBURY 130 S Frederick S 30xL 100. Great Western Supply Co vs L C Randall and Florence L Meyer. \$463.75	Jan. 17, 1928—W YORK 80 S 24TH S alg W York 24 x W 100 also known as lot 2 assessor's blk 4267, also known as 1210 York st. United Materials Co vs Nicola and Mary Balosani and E Deuel. \$116
Jan. 14, 1928—SW COR LOT 15 BLK 12 rung N 24 deg 35 min 28 sec W 31.996 N 37 deg 46 min 56 sec W 21.465 N 55 deg 23 min 43 sec E 68.474 to SW Magellan ave SE alg Magellan ave 72.6 S 67 deg 13 min 15 sec W 88.62 to beg being lot 15 ptn lot 14 blk 12 map Forest Hill. Robert H Kelly to Title Ins & Guar. Co. Jan. 7, 1928	Jan. 10, 1928—E DIVISADERO 75 S Jefferson S alg E Divisadero 25 x E 89.9. H Ankers vs J A and Corrine Frye. \$425	Jan. 17, 1928—E TWENTY-SIXTH AVE 150 S Lawton S 25xE 120 No. 1622 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas. \$110
Jan. 16, 1928—W 25TH AVE 175 N Moraga 25 x 120. Nels P Johnson to whom it may concern. Jan. 16, 1928	Jan. 13, 1928—S 22ND 122.6 E Mission S 120 x E 23 lot 32 blk 3637 Assessors map. Superior Electric Co vs T A Loftus, H and Eloise Schwartz. \$91.50	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120. Paul Sabella to Harry and Lenore Corbell. \$174.33
Jan. 16, 1928—NE SAN JUAN AVE 55 m or l NW Cayuga NW 30 m or l NE 61 m or l SE 30 SW 66 m or l, ptn blk D Bernal Tet. The McCarthy Co to James Arnott & Son. Jan. 16, 1928	Jan. 13, 1928—SE 31ST AVE & Clement 32.6 x 50. Schoenfeld Planing Mill Co vs B A Brilliant, S S Weintraub. \$628.95	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120. C W. Brown to whom it may concern. (Partial release)
Jan. 16, 1928—SW BRUSSELS 175 SE Olmstead SE 50 x SW 120. H O Lindeman to W R Lindeman. Jan. 14, 1928	Jan. 13, 1928—E 16TH AVE 82.6 N Ulloa N 25 x E 81. Holmes Lime & Cement Co vs A Gallman & Bernard Kari. \$160.88	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas. \$110
Jan. 16, 1928—N VALLEJO 150 E Laguna E alg Vallejo 50 x N 137.6 ptn W A 191 known as 1758 Vallejo. Nineteen fifty-eight Vallejo St Inc to whom it may concern. Jan. 12, 1928	Jan. 13, 1928—W 11 LOT 24 & E 26 lot 23 blk 18 map Forest Hill. Holmes Lime & Cement Co vs A & Bernard Kari. \$100.50	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 16, 1928—NE WASHINGTON & Locust. Charles P Cain to O C Holt. Jan. 11, 1928	Jan. 13, 1928—E 16TH AVE 82.6 N Ulloa N alg 16th ave 25 x E 81 O L 1182. Western Lime & Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$16.64	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 16, 1928—W FOLSOM 275 S Eugenia S 25 x W 70. H F Preddy. Jan. 16, 1928	Jan. 13, 1928—W 11 LOT 24 & E 26 lot 23 blk 18, map Forest Hill. Western Lime & Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$8104	Jan. 13, 1928—W GRANADA AVE 100 N Lake View Ave N 25xW 112-6. T P Macinnis to Hilda Penner. \$24.112.55
Jan. 14, 1928—S ARLETA 100 W Delta 25x100. Harry Apte to whom it may concern. Jan. 14, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg ptn O L 1182. Holmes Lime & Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—W 21ST AV 200 N Wawona N 50 x W 120, lots 29, 30, 31, 32, blk 2958 sub. No 3 Miraloma Park. Meyer Bros to whom it may concern. Jan. 11, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—W DE HARO 175 S 18th S 25xW 100. The Fay Improvement Co vs Mrs. J Coccellato. \$245
Jan. 17, 1928—W SCOTT 82.6 S Filbert S alg W Scott 27.6 x W 137.6. Frances A Dunne to Schwartz & Co & George Balliett. Jan. 17, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 16, 1928—N FLOOD AVE 275 W Genesee W 25 x N 112.6 lot 26 blk 3 Sunnyside. Anders M Boe to whom it may concern. Jan. 16, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 16, 1928—W BAKER 125 N POST N 25 x W 100. Mary Collins to P E Fagerberg. Jan. 12, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—E 25TH AVE 35 S Ulloa Arvid Halsen to whom it may concern. Jan. 16, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—E 16TH AVE 57.6 N Ulloa N 25 x E 81 ptn O L blk 1182 Bernhard Kari to whom it may concern. Jan. 13, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—W 18TH AVE 60 S Lawton 30 x 95. Johannes Eichner to Einar C Petersen. Jan. 17, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—LOT 15 BLK 2261 Balboa Terrace. Ernest C and Oscar M Hueter to W C Zwieg. Jan. 17, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—SE MUNICH 75 S Persia S 25 x 100. SE Munich & Persia ave 100 facing Persia 75 facing Munich Con T Shea and C D McKeon to Gilbert L Plov. Jan. 16, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110
Jan. 17, 1928—NW SAN MIGUEL 24 SW Mount Vernon ave SW alg NW San Miguel 65 x NW 100 ptn Gtz Addn to Lakeview. Elizabeth De Brien to whom it may concern. Jan. 17, 1928	Jan. 13, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l to line drawn from pt on E 16th ave dist 134.8 N from N Ulloa to pt on W 15th ave dist 120.5 N from N Ulloa W alg line so drawn 164.14 m or l to E 16th ave 27.6 to beg O L 1182. Western Lime and Cement Co vs A Kallman & Bernard Kari or Bernhard Kari. \$12.45	Jan. 14, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg. \$110

LIENS FILED

San Francisco County

Recorded	Amount
Jan. 9, 1928—ALL LOT 3 BLK 42 MAP St Francis Wood Exten No 1, also part lot 4 blk 13 desd as cong SE	

RELEASE OF LIENS

San Francisco County

Jan. 13, 1928—E TWENTY-SIXTH AVE 150 S Lawton S 25xE 120 No. 1622 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas.....	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120. Paul Sabella to Harry and Lenore Cor- bell.....	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120. C W. Brown to whom it may concern..... (Partial release)
Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas.....	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas.....	Jan. 13, 1928—E TWENTY-SIXTH AVE 125 S Lawton S 25xE 120 No. 1618 26th Ave. Daly City Lime & Cement Co to Harry Corbell and Wm Nicholas.....
Jan. 13, 1928—E PENNSYLVANIA 60 N Twenty-second N 100 SE 104-4 m or 1 S 73-6 W 100, Oakley Lumber & Mill Co to Marian and Bonifacia Este- berg and John Detone.....	Jan. 13, 1928—E PENNSYLVANIA 100 N Twenty-second 30x100 No. 673-75 Pennsylvania. Daly City Lime & Cement Co to Mariano and Bonifacia Esteberg.....	Jan. 13, 1928—W GRANADA AVE 100 N Lake View Ave N 25xW 112-6. T P Macinnis to Hilda Fenner.....
Jan. 12, 1928—W DIABLO AVE 34-6 S Grove S 52xW 110. J Bonadeo & Co., John J Delucchi, Pope & Talbot; Friedman Bros. and J S Guerlin & Co to Frederick W Doble.....	Jan. 14, 1928—224 BADEN AVE. H R Cinnamond to James Arnott.....	Jan. 14, 1927—SW CERVANTES BLVD 130 N W Avila (extd) rung NW al Cervantes blyd 27.6 SW 95 NW 94 S & parl with E Scott 72.875 to N Prado E 37.6 N 60 W 10.562 to pt perpen dist 85.914 SW from SW Cer- vantes blyd NE 85.914 to beg ptn Marina Gardens. E A Janssen to T J Webb.....
Jan. 14, 1928—E PENNSYLVANIA 60 N 22nd N 100 SE 104.4 S 73.6 W 100. P Perini to.....	Jan. 14, 1928—16 EUREKA BEING SW Eureka and Market sts, R F Munn to Frank and Ida J Martell.....	Jan. 14, 1928—80 & 76 MAYNARD, H R Cinnamond to Gensler Lee Inv Co.....
Jan. 14, 1928—N IRVING 127.6 W 14th ave N 75 x E 50.6. James Cantley, F L Clark, Schoenfeld Planing Mill Co, P Furnell, Friedman Bros., San Francisco Lumber Co, Progressive Tile & Mantel Co. to Irving Theatre & Realty Co & C F Parker.....		

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
62	Becker	Thaxter	6000
63	Brazier	Owner	4500
64	Hufschmidt	Owner	4000
65	Pfrang	Owner	3000
66	California	Owner	3000
67	Dolan	Owner	3500
68	Hinch	Owner	3500
69	Badding	Owner	3500
70	Schaffer	Sommarstrom	9550
71	Hughes	Owner	6000
72	Latour	Owner	2850
73	Vergersen	Burch	1000
74	Silver	Brown	2000
75	Milton	Owner	4000
76	Patterson	Owner	5200
77	Bologne	Sabin	2000
78	Orton	Owner	6500
79	Fleming	Owner	3625
80	Lindeman	Johnson	16400
81	Hooper	Hooper	7500
82	Gustafson	Owner	3600
83	Forster	Forster	35000
84	Clark	Warner	11000
85	Morgensen	Owner	6000
86	Garfinkle	Pedgrift	3000
87	Garfinkle	Pedgrift	4000
88	Cianciarulo	Beckett	9100
89	Jones	Wieben	1800
90	Piedmont	Westlund	12146
91	Case	Johnson	1778
92	Frederick	Owner	3000
93	Lane	Owner	1200
94	Massenti	Langeberg	1600
95	Skovand	Owner	4800
96	Sherman	Duval	5000
97	Burnett	Owner	3500
98	Thornberg	Owner	1000
99	Anderson	Ower	2700
100	Bekins	Neale	5000
101	Cal Packg.	Littlefield	3000
102	Carter	Owner	1000
103	Derby	Petersen	10000
104	Dooley	Owner	3000
105	Hanafin	Oakland	1000
106	Jensen	Owner	3800
107	McElroy	Malley	1000
108	Bowman	Blodgett	1500
109	Hall	Hall	3700
110	Johnson	Owner	2000
111	Lalas	Swenson	1496
112	Pedersen	Owner	4000

RESIDENCE
(62) 2753 ANSHBY ave., Berkeley; 2-story 6-room residence.
Owner—F. H. Becker, 2706 Derby, Berkeley.
Architect—C. B. Mayer, 1615 Rose st., Berkeley.
Contractor—F. W. Thaxter, 6452 Hillegas ave., Berkeley. \$6000

RESIDENCE
(63) 2350 CORONA CT., Berkeley; 2-story 6-room residence.
Owner—J. W. Brazier, 1227 Spruce st., Berkeley.
Architect—J. Hudson Thomas, Berkeley. \$4500

(64) 1745 CAPASTRANA ave., Berkeley; 1-story 6-room residence.
Owner—W. Hufschmidt, 89 Nova drive, Piedmont.
Architect—E. M. Williamson, 3761 Alendale ave., Oakland. \$4000

RESIDENCE
(65) 2639 DANA st., Berkeley; 1-story 5-room residence and garage.
Owner—C. J. Pfrang, 6300 Claremont ave. Oakland.
Architect—None. \$5400

(66) SW 47TH AVE. and E-12th st., Oakland; 1-story warehouse.
Owner—Calif. Northern Petroleum Co., 1514 Central Bank Bldg., Oakland.
Architect—None. \$3000

DWELLING
(67) N BLVD. WAY 150 E Warfield ave., Oakland; 1 1/2-story 6-room dwelling.
Owner—Leo J. Dolan, 1400 Franklin st., Oakland.
Architect—None. \$6000

DWELLING
(68) 5394 McCALL St., Oakland; 1-story 5-room dwelling.
Owner—Jos. T. Hinch, 461 Lee st., Oakland.
Architect—None. \$3500

APARTMENTS
(69) W. MONTICITO Ave., 461 S Lee st., Oakland; 3-story 54-room apts.
Owner—N. Badding, 1546 Alice st., Oakland.
Architect—None. \$55,000

STORIES
(70) S EIGHTH ST. 75 E Broadway, Oakland; 1-story brick stores.
Owner—Arthur W. Schaffer, 1409 Webster st., Oakland.
Architect—None.
Contractor—Sommarstrom Bros., 1409 Webster st., Oakland. \$9550

RESIDENCE
(71) 1667 & 1675 SHORT st., Berkeley; two 1-story 6-room residences.
Owner—Hughes & Beach, 902-6 Washington st., Oakland.
Architect—None. \$3000 ea.

RESIDENCE
(72) 2390 McGEE Ave., Berkeley; 1 1/2-story 5-room residence.
Owner—Ira W. Latour, 907 Oxford st., Berkeley.
Architect—W. W. Dixon, Oakland. \$2850

ALTERATIONS
(73) 2958 CALIFORNIA st., Berkeley; alterations.
Owner—G. Vergersen.
Architect—None.
Contractor—V. E. Burch. \$1090

ALTERATIONS
(74) 420 11TH ST., Oakland; alterations.
Owner—M. Silver.
Architect—None.
Contractor—Henry Brown, 1387 E-32nd st., Oakland. \$2000

DWELLING
(75) S MORCOM Ave. 197 E Pierson st., Oakland; 1-story 5-room dwelling.
Owner—V. E. Milton, 9819 Derby, Oakland.
Architect—None. \$1000

DWELLING
(76) 4227 E-17TH ST., Oakland; 1-story 6-room dwelling and garage.
Owner—J. F. Patterson, 1715 High st., Oakland.
Architect—None. \$5200

DWELLING
(77) NW 49TH & Desmond sts., Oakland; 1-story 3-room dwelling.
Owner—John Bologne, 4995 Broadway, Oakland.
Architect—None.
Contractor—F. E. Sabin, 4953 Desmond st., Oakland. \$2000

DWELLINGS
(78) N HOLLY St. 140 E 74th and 73rd aves., Oakland; 2 1-story 5-room dwellings and garages.
Owner—A. E. Orton Master Bldrs., 5748 E-14th st., Oakland.
Architect—None. \$3250 each

DWELLINGS
(79) W LAGUNA Ave. 250 S Hopkins st., Oakland; 1-story 6-room dwelling and garage.
Owner—J. & A. Fleming, 3859 Rhoda ave. Oakland.
Architect—None. \$3625

APARTMENTS
(80) S 39TH ST. 150 W Grove., Oakland; 2-story 18-room apartments and 1-story garage.
Owner—Oskar Lindeman.
Architect—None.
Contractor—Carl Johnson, 2185 50th ave., Oakland. \$16,400

RESIDENCES
(81) NO. 46 ROCKY LANE, Berkeley. one two-story 8-room and one one-story 6-room residence.

Owner—Dorothy Hooper, 732 Cragmont Ave., Berkeley.
Architect—None.
Contractor—W. H. Hooper.
\$4000 and \$3500 respectively

DWELLING
(82) NO. 2356 FIFTIETH AVE., Oakland. One-story 5-room dwelling and garage.
Owner—C. A. Gustafson, 3306 Flagg Ave., Oakland.
Architect—None. \$3600

APARTMENTS
(83) E FRUITVALE AVE 124 N Pleasant, Oakland. Three-story 365-room apartment house.
Owner—Ellenor H. Forster, 1131 Fleet Rd., Oakland.
Architect—B. R. Hardman, 507 Berkeley Bank Bldg., Oakland.
Contractor—Jas. E. Forster, 1131 Fleet Road, Oakland. \$35,000

DWELLINGS
(84) NO. 3319-23-27-33 DAVIS ST., Oakland. Four one-story 5-room dwellings.
Owner—A. B. Clark, 4650 E-14th St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. \$2750 each

DWELLING
(85) NO. 1615 MORELAND DRIVE, Alameda. One-story six-room cement plaster finish dwelling.
Owner—Morgensen Bros., 5665 Broadway, Oakland.
Architect—None. \$6000

STATION
(86) NO. 1200 PARK ST., Alameda. Super service station.
Owner—Leonard David Garfinkle, 2407 San Jose Ave., Alameda.
Architect—None.
Contractor—J. H. Pedgrift, 4106 Broadway, Oakland. \$3000

STATION
(87) NO. 1200 PARK ST., Alameda. Service station.
Owner—Leonard David Garfinkle, 2407 San Jose Ave., Alameda.
Architect—None.
Contractor—J. H. Pedgrift, 4106 Broadway, Oakland. \$4000

RESIDENCE
(88) NO. 75 HAZEL LANE, Piedmont. Two-story 6-room frame residence and garage.
Owner—J. A. Cianciarulo, Syndicate Bldg Oakland.
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Contractor—Beckett & Wright, 624 Syndicate Bldg., Oakland. \$9100

ALTERATIONS
(89) NO. 1726 OAKLAND AVE., Piedmont. Alter garage and servants' quarters.
Owner—I. E. Jones, Premises.
Architect—None.
Contractor—Alex. Wieben, 337 17th St., Oakland. \$1800

BANK
(90) NO. 344 HIGHLAND AVE., Piedmont. One-story concrete bank building.
Owner—Piedmont Commercial Center.
Architect—Albert Farr, 68 Post St., San Francisco.
Contractor—Fred J. Westlund, 625 40th St., Oakland. \$12,146

ADDITION
(91) 2922 GROVE St., Oakland; addition.
Owner—Dr. E. P. Case, 2922 Grove st., Oakland.
Architect—None.
Contractor—Johnson & Johnson, 630 20th st., Richmond. \$1778

DWELLING
(92) E 88TH AVE. 149 N E st., Oakland. 1-story 6-room dwelling.
Owner—L. B. Frederick and C. J. Krattennak, 530 41st st., Oakland.
Architect—None. \$3000

ALTERATIONS
(93) 5527 EDGERLY St., Oakland, alterations.
Owner—Mrs. A. Lane, 5527 Edgerly st., Oakland.
Architect—None. \$1200

J. A. MOHR & SON

General Painting Contractors
Specialists in

Compressed Air Painting and Sand Blasting

San Francisco Oakland
Fresno, Los Angeles and San Diego

(94) 820 53RD AVE., Oakland; 1-story 4-room dwelling.
Owner—L. Massanti, 820 54th ave., Oakland.
Architect—None.
Contractor—C. Langeberg, 3276 Hyde st., Oakland. \$1600

DWELLING
(95) 3027 SHEFFIELD AVE., Oakland; 1-story 6-room dwelling and garage.
Owner—Skovand & Petersen, 3125 Nicol ave., Oakland.
Architect—None. \$4800

ALTERATIONS
(96) 14TH & Clay sts., Oakland; alterations.
Owner—Sherman, Clay & Co., 14th and Clay sts., Oakland.
Architect—None.
Contractor—E. A. Duval, 207 Dalziel Bldg., Oakland. \$5000

RESIDENCE
(97) 1225 CORNELL AVE., Berkeley; 1-story 6-room residence.
Owner—O. H. Burnett, 290 Key Route Blvd.
Architect—None. \$3500

GARAGE
(98) 1803 SPRUCE ST., Berkeley; garage.
Owner—T. Thornberg, 1846 Spruce st., Berkeley.
Architect—None. \$1000

DWELLING
(99) N HOPKINS ST. 380 E Peralta ave., Oakland; 1-story 5-room dwelling.
Owner—Chas. Anderson, 2142 25th ave., Oakland.
Architect—None. \$2700

(100) 2147 SAN PABLO AVE., Oakland; electric sign and roof sign.
Owner—Bekins Storage Co.
Architect—None.
Contractor—Neale, Inc., 1800 W Pico st., Los Angeles. \$2500 each

ADDITION
(101) E 29TH AVE. 300 S S. P. Ry., Oakland; addition.
Owner—California Packing Corp., 101 California st., S. F.
Architect—None.
Contractor—R. W. Littlefield, 337 17th st., Oakland. \$2000

SERVICE STATION
(102) NE MT. BLVD. and Shone ave., Oakland; 1-story tile service station.
Owner—Jesse Carter, Melrose Highlands, Oakland.
Architect—None. \$1000

GARAGE
(103) NW E-12TH ST. and 31st ave., Oakland; 1-story brick garage.
Owner—Derby Estate Co., 815 Central Bank Bldg., Oakland.
Architect—None.
Contractor—J. B. Petersen, 4021 Agua Vista ave., Oakland. \$10,000

DWELLING
(104) S QUIGLEY ST., 50 E Maybelle ave., Oakland; 1-story 5-room dwelling.
Owner—F. T. Dooley, 1233 Broadway, Alameda.
Architect—None. \$3000

SERVICE STATION
(105) W DIAMOND AVE. 75 S Hopkins st., Oakland; 1-story brick and concrete service station.
Owner—M. Hanafin.
Architect—None.
Contractor—Oakland Steel Bldg. Co., 3561 Lakeshore ave., Oakland. \$1000

DWELLING
(106) E BROOKDALE AVE. 193 S Kingsland ave., Oakland; 1-story 5-room dwelling.
Owner—J. H. Jensen, 2617 60th ave., Oakland.
Architect—None. \$3800

ALTERATIONS
(107) SE 19TH and Telegraph ave., Oakland; alterations.
Owner—J. J. McElroy.
Architect—None.
Contractor—Frank Malley. \$1000

ALTERATIONS
(108) 4150 LAUREL AVE., Oakland; alterations.
Owner—T. Bowman.
Architect—None.
Contractor—N. W. Blodgett. \$1500

DWELLING
(109) E BEVERLY AVE. 42 N 108th ave., Oakland; 1-story 5-room dwelling and garage.
Owner—E. V. Hall, 981 Manthey ave., S. L.
Architect—None.
Contractor—E. W. Hall, 891 Manthey ave., S. L. \$3700

DWELLING
(110) 3225 MADERA AVE., Oakland; 1-story 5-room dwelling.
Owner—O. W. Johnson, 4551 Virginia ave., Oakland.
Architect—None. \$3000

ALTERATIONS
(111) 1720 SEVENTH ST., Oakland; alterations.
Owner—G. P. Lalos, 1728 7th st., Oakland.
Architect—None.
Contractor—Erickson & Swanson, Oakland. \$1490

DWELLING
(112) 3561 JORDAN RD., Oakland; 1-story 6-room dwelling.
Owner—O. A. Pedersen, 3431 35th ave., Oakland.
Architect—None. \$4000

BUILDING CONTRACTS

Alameda County

No.	Owner	Contractor	Amt.
8	Sequoia	Stolte	63796
9	Owner—Sequoia Country Club, Durant		
9	Piedmont	Westlund	12146
10	Womens	Keating	244311
11	Addison	Johnson	1300
12	Addison	Brockhust	525
13	Ford	McGowan	7077
14	Addison	Layrite	775

CLUB BLDG.
(8) PROPERTY of the Sequoia Country Club, Oakland; all work on 2-story club house.
Architect—F. Eugene Barton, 412 Bellevue, Oakland.
Contractor—F. C. Stolte, Oakland.
Filed Jan. 12, 1928. Dated Dec. 28, 1927
10th of month 75%
Usual 35 days 25%

TOTAL COST \$63,796.87
Bond \$31,898.43; sureties Globe Indem. Co.
limit 175 days; forfeit, none; plans and spec. filed.

BANK
(9) LOT 1 BLK 3, Piedmont Park Piedmont (in Highland ave); all work on 1-story bank bldg.
Owner—Piedmont Commercial Center, a corp., Piedmont.
Architect—Albert Farr, 68 Post st., S. F.
Contractor—Fred J. Westlund, 354 Hobart, Oakland.
Filed Jan. 13, 1928. Dated Jan. 12, 1928
Monthly payments 75%
Usual 35 days 25%

TOTAL COST \$12,146
bond, none; limit, 100 days; forfeit, \$5 per day; plans and spec. filed.

CLUB BLDG.
(10) N BELLEVUE AVE. 61.45 E Elita ave., Oakland; all work on club bldg.
Owner—Women's Athletic Club of Alameda Co., Great Western Power Bldg., Oakland

Architect—Charles F. Roeth and E. G. Bangs, 1404 Franklin st., Oakland.
Contractor—William C. Keating, 623 Central Bank Bldg., Oakland.
Filed Jan. 13, 1928. Dated Jan. 10, 1928
Not to exceed \$244,311, plus fee of \$15,000.
Bond \$179,655.50; sureties, Union Indem. Co. of New Orleans, limit, forfeit, none; plans and spec. filed.

BLDG.
(11) W BENTON ST. 66.70 N Encinal ave., Alameda; plastering.
Owner—Addison Corp., 1441 Franklin, Berkeley.
Architect—None.
Contractor—J. M. Johnson, 929 E 22nd st., Oakland.
Filed Jan. 12, 1928. Dated Dec. 22, 1927
Plastered outside \$400
Br. coated 400
Accepted 400
Usual 35 days 100

TOTAL COST \$1300
Bond, \$1300; sureties, Fidelity and Dep. Co. of Md.; limit 30 days; forfeit, \$20 per day; no plans or spec. filed.

TILE WORK
(12) W BENTON 60.70 N Encinal Ave., Alameda. Tile work for building.
Owner—Addison Corporation, 1441 Franklin St., Berkeley.
Architect—None.
Contractor—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
Filed Jan. 14, '28. Dated Jan. 9, '28.
When accepted 75%
Usual 35 days Balance

TOTAL COST, \$525
Bond, \$525. Surety, Fidelity & Deposit Co. of Maryland. Limit, 15 days. Forfeit, \$20 per day. Plans and specifications, none.

WAREHOUSE
(13) E PERALTA 36.353 S Twenty-sixth St., Oakland. All work for installing piling in bunkers and warehouse.
Owner—Wm. H. Ford, 704 Market St., San Francisco.
Architect—None.
Contractor—M. B. McGowan, 74 New Montgomery St., San Francisco.
Filed Jan. 13, '28. Dated Jan. 9, '28.
On 10th of each month 75%
Usual 35 days Balance

TOTAL COST, \$7077
Bond, \$3539. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications filed.

HARDWOOD FLOORS
(14) W BENTON ST. 66.70 N Encinal ave., Alameda; laying hardwood floors.
Owner—Addison Corp., 1441 Franklin st., Oakland.
Architect—None.
Contractor—Layrite Floors, 1606 Kirkham, Oakland.
Filed Jan. 17, 1928. Dated Jan. 10, 1928
Material on job 50%
Floors are laid 40%
Usual 35 days 10%

TOTAL COST \$775
Bond, \$775; surety, Fidelity and Deposit Co. of Md.; limit, 15 days; forfeit, \$20 per day; no plans or spec. filed.

COMPLETION NOTICES

Alameda County

Jan. 10, 1928—N E-FOURTEENTH ST. 72 W Thirty-seventh Ave., Oakland.
M H Robbins by Norman Ogilvie to W C Cone Jan. 7, 1928
Jan. 10, 1928—NO. 2321 DWIGHT WAY, Berkeley. W J La Vigne to R D Cashott Jan. 10, 1928
Jan. 11, 1928—LOT 31 BLK F, East Piedmont Heights, Oakland. Dorothy G and W H Hooper to W H Hooper Jan. 9, 1928
Jan. 11, 1928—NO. 1823 CAMBRIDGE Drive, Alameda. W A Netherby to whom it may concern Jan. 9, 1928
Jan. 11, 1928—NO. 737 LAKESHORE Ave., Oakland. Charles I Rubino to Beckett & Wight Jan. 9, 1928
Jan. 11, 1928—NO. 1618 GRAND ST., Alameda. H Ward Gordon to Julius J Groden Jan. 11, 1928
Jan. 11, 1928—NO. 1620 GRAND ST., Alameda. H Ward Gordon to Julius J Groden Jan. 11, 1928
Jan. 11, 1928—LOT 5 BLK K, Durant Manor, Oakland. Paul N Lind to Ralph E Murphy Jan. 7, 1928

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

an. 14, 1928—PTN BLK G, Montclair Estates, Oakland. Dora Bryerley to George Windsor Jan. 13, 1928
an. 13, 1928—PTN LOTS 473-474 BLK Y, Fernside, Alameda. Adolph Morgensen to whom it may concern..... Jan. 11, 1928
an. 13, 1928—NO. 2204-2206 HASTE St., Berkeley. Floy M Ament to F W Thaxter..... Jan. 12, 1928
an. 13, 1928—PTN LOT 28 BLK F, Leonard Tract, Berkeley. John F Whalen to whom it may concern..... Jan. 12, 1928
an. 11, 1928—N SIXTIETH AVE AND Brann St., Oakland. Joseph A and Emma F Solari to Lewis Graham..... Jan. 10, 1928
an. 11, 1928—NO. 3025 GIBBONS DR, Alameda. Chas W and Marie B Falk to whom it may concern..... Jan. 16, 1928
an. 16, 1928—415 PERKINS ST., Oakland. Pacific Coast Bldg Co. Inc to whom it may concern..... Jan. 4, 1928
an. 13, 1928—PTN LOTS F, G, H BLK 3, Resub of Ward's Addition to Town of San Leandro, Eden Twp. Americo and Arlindo Moutinho to whom it may concern..... Jan. 13, 1928
an. 14, 1928—NO. 962 COLLIER DR, San Leandro. Albert Hugo to whom it may concern..... Jan. 14, 1928
an. 14, 1928—SW TERMINUS OF Sixty-fourth Ave., Berkeley. Springfield Cedar Co to Industrial Construction Co..... Dec. 31, 1927
an. 14, 1928—NO. 1642 VERSAILLES Ave., Alameda. William N Ihrig to W. Thayer..... Jan. 15, 1928
an. 14, 1928—LOT 3 BLK 9, Subdiv Fruitvale Heights, Oakland. A M Berg to Berg & Swanson..... Jan. 14, 1928
an. 14, 1928—PTN LOT 8 BLK B, Montclair Acres, Oakland. Bernice Monett to whom it may concern..... Dec. 8, 1927
an. 17, 1928—LOTS 2 & 4 BLK E, & lot 4 blk B, Melrose Gardens, Oakland. Edward J Johnson to whom it may concern..... Jan. 14, 1928
an. 17, 1928—LOT 12 BLK G, GRAND Avenue Heights. Rae V Cameron to H C Cameron..... Jan. 16, 1928
an. 17, 1928—STATION C, OAKLAND Pacific Gas & Electric Co to Worden & Forsythe..... Jan. 7, 1928
an. 17, 1928—LOT 32 BLK 13, Electric Loop Tct., Oakland. Paul Louis and Magdalena Silber Kick to whom it may concern.....
an. 17, 1928—224 SAN CARLOS AVE Piedmont. Ellis H and Etta J Thompson to C H Thrams..... Jan. 16, 1928
an. 17, 1928—2646 DWIGHT WAY, Berkeley; Dora C McLean to J W Swift..... Jan. 17, 1928
an. 17, 1928—LOT 32 & PTN LOTS 33 and 31 blk D, resub of ptn of Hollywood, San Leandro. Clarence S Anderson to D N Parks..... Jan. 17, 1928
an. 17, 1928—333 9TH ST., Oakland. Jas Rohan to Wm T McCormack..... Jan. 10, 1928
an. 17, 1928—5826 GROVE ST., Oakland. N and Rose Factor, to Lewis Heiman and N Factor..... Jan. 5, 1928
an. 16, 1928—WEST OAKLAND. Southern Pacific Co to American Dredging Co..... Jan. 12, 1928

LIENS FILED

Alameda County

Recorded Amount
an. 11, 1928—LOT 160 BLK 4675, Oak Knoll Unit C, Oakland. Smith Hardware Co vs Glen M Bright and D J Klerman \$192.80
an. 10, 1928—LOT 11 and N ½ Lot 12 Blk 16, Map No. 4, Regents Park, Albany. W H Picard Inc vs Mary Porter \$247
an. 10, 1928—NO. 129 REQUA ROAD, Piedmont. W H Picard Inc vs James J Gier \$401.55
an. 10, 1928—LOT 59 and N ½ Lot 58 Blk 10, Map No. 4, Regents Park, Albany. W H Picard, Inc vs Mary Porter \$278.50
an. 10, 1928—LOT 57 AND S ½ Lot 58 Blk 10, Map No. 4, Regents Park, Albany. W H Picard, Inc vs Mary Porter \$278.50
an. 10, 1928—LOT 11 and N ½ Lot 12 Blk 18, Regents Park No. 4, Albany. Walter Mork vs Mary Porter \$66.75
an. 10, 1928—LOT 57 and S ½ Lot 58 Blk 10, Regents Park No. 4, Albany. Walter Mork vs Mary Porter \$120
an. 10, 1928—LOT 59 and N ½ Lot 58

Blk 10, Regents Park No. 4, Albany. Walter Mork vs Mary Porter \$126
Jan. 13, 1928—LOT 249, Millsmont, Oakland. Boorman Lumber Co vs John A and Beulah J Zike..... \$219.51
Jan. 11, 1928—LOT 13 Ptn Lot 12 Blk 18 Map No. 4, Regents Park, Albany Contra Costa Bldg Material Co vs Mary Porter \$218.97
Jan. 12, 1928—SW WEBSTER AND REGENT STS., Berkeley. J G Bastow vs Alta Bates, Inc and C C Cuff..... \$650
Jan. 12, 1928—SW WEBSTER AND Regents, Berkeley. M P Kitchel vs Alta Bates, Inc and C C Cuff..... \$650
Jan. 12, 1928—NO. 1121 EVELYN AVE, Albany. Western Roofing Co vs Mary Porter \$104
Jan. 12, 1928—LOT 11 and N ½ Lot 12 Blk 18, Regents Park No. 4, Albany. Western Roofing Co vs Mary Porter \$104.50
Jan. 12, 1928—LOT 57 and S ½ Lot 58 Blk 10, Regents Park No. 4, Albany. Western Roofing Co vs Mary Porter \$104.50
Jan. 12, 1928—NO. 1025 BROADWAY, Oakland. Blackman-Anderson Mill & Lumber Co vs United Cigar Stores; Irving M Arm and E C Venn..... \$115.76
Jan. 12, 1928—LOTS 57, 58, 59 BLK 10, Lot 13 and S ½ Lot 12 Blk, 18, Albany. Joe Villa vs Mary Porter..... \$97
Jan. 14, 1928—LOT 67 BLK 240, West Broadmoor Extension, San Leandro. John Erickson vs R W Brown..... \$122.75
Jan. 16, 1928—PTN LOT 23, ADDISON Street Tct, Berkeley. Maxwell Hardware Co vs A L Lenderman..... \$96.33
Jan. 16, 1928—PTN LOT 2 SUBD OF Lake Merritt Park, Oakland, Gunn, Carle & Co vs Chas J and Thos J Fee. Fee Bros \$345.85
Jan. 16, 1928—E FRANKLIN ST, near 14th st., Oakland. Independent Iron Works vs A Massad, White Onion Lunch Counter..... \$275
Jan. 16, 1928—326 WEST BROADMOOR blvd., San Leandro. Powell Bros Inc vs R W Brown..... \$60.95
Jan. 16, 1928—443 KENTUCKY ST., Berkeley. Chris Nelson vs E Q Norman..... \$52
Jan. 13, 1928—1048 CORNELL AVE., Albany. Sunset Lumber Co vs Mary Porter \$1439.93
Jan. 13, 1928—NO. 1050 CORNELL AVE Albany. Sunset Lumber Co vs Mary Porter \$1370.24
Jan. 13, 1928—LOT 11 and N ½ Lot 12 Blk 18, Map No. 4, Regents Park, Albany. Sunset Lumber Co vs Mary Porter \$1386.70

RELEASE OF LIENS

Alameda County

Jan. 12, 1928—LOT 26, Requa Highlands, Piedmont. M F Nielsen to Henry O and Elsie F Phillips \$627.85
Jan. 9, 1928—LOT 341, Unit C Oak Knoll, Oakland. Tynan Lumber Co to E M Bergsten and Oak Knoll Land Corp..... \$762.90
Jan. 10, 1928—NO. 1832 EIGHTH AVE, Oakland. J H Esselink to Thomas and Stella Wood and George H Lydixsen \$56
Jan. 16, 1928—4191 MONTGOMERY ST. Oakland. Layrite Floors to Pacific Coast Apt Builders Corp, John Closs \$175
Jan. 13, 1928—LOT 6, Pacific Theological Seminary Tract, Oakland. R C McBride Jr to R L Jennings..... \$1845.56

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
LOT 9 BLK 1, Burlingame Park No. 3, Burlingame. All work for one-story residence.
Owner—Dr. H. C. Morin et al, 1205 B St., Burlingame.
Architect—G. W. Williams Co., 1450 Columbus Ave., Burlingame.
Contractor—G. W. Williams Co., 1450 Columbus Ave., Burlingame.
Filed Jan. 12, '28. Dated Dec. 22, '27.
Signing contract \$ 100
Frame up 1975
Plastered 1975
Completed 1975
Usual 35 days 1975
TOTAL COST, \$8000
Bond, none. Limit, 90 working days.

Forfeit, none. Plans and specifications filed.

RESIDENCE

ALMANTHAL AVE., Atherton Park Lot K, Selby Tract, San Mateo. All work for one-story residence.
Owner—F. G. Willis, Crocker First Nat'l Bank Bldg., San Francisco.
Architect—None.
Contractor—Henry B. Post, 1336 Webster St., Palo Alto.
Filed Jan. 9, '28. Dated Jan. 5, '28.
Progressive payments 75%
Usual 35 days..... 25%
TOTAL COST, \$4743

Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications filed.

PERMITS

BUNGALOW, \$5000; Lot 10 Blk 56, Bernal Ave., Burlingame; owner, James Horne, 869 California Drive, Burlingame.
ALTERATIONS, \$5000; No. 1114 Bayswater St., Burlingame; owner, H. Middendorf, Premises; contractor, Walter Peterson.
BUNGALOW and garage, \$5000; Lot 6 Blk 5, Poppy Drive, Burlingame; owner, I. Lorensen.
RESIDENCE and garage, \$9000; Lot 10 Blk 22, Parrott Drive, Baywood, San Mateo; owner, N. D. Morrison, 9th Ave., San Mateo; contractor, Frank Furrea, 712 5th Ave., San Mateo.
RESIDENCE and garage, \$9000; Lot 3 Blk 3, Edinburgh St., Baywood, San Mateo; owner, Lengfeld & Olund, 111 Central St., Burlingame.
RESIDENCE, \$3500; Lot 24 Blk 5, E side Hazel St., San Mateo; owner, C. W. Parson & Co., Inc., 17th and Palm Sts., San Mateo.
BUNGALOW and garage, \$5000; Lot 22 Blk R, 16th Ave., San Mateo; owner, Peter H. Erving.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Jan. 6, 1928—LOT 20 BLK 13 Milbrae Highlands. S J Olafsson et al to whom it may concern..... Jan. 6, 1928
Jan. 7, 1928—LOTS 32, 33, BLK 6, Huntington Park. Vincent Sagarlato to Frank C. Grisez..... Dec. 10, 1927
Jan. 7, 1928—NE RISEL AVE & Olive st. Daly City. Lindsay Construction Co to whom it may concern..... Jan. 5, 1928
Jan. 7, 1928—LOT 4 BLK B, San Bruno Park. Dean Mitchell to whom it may concern..... Jan. 6, 1928
Jan. 9, 1928—LOTS 18, 19 AND 20, Albert Meyer Sub San Mateo. G W Williams & Co to Selvers..... Jan. 4, 1928
Jan. 9, 1928—LOTS 1 TO 7, LOTS 9 to 44, lots 46 to 51, lots 56 to 73, 81 to Jan. 9, 1928—LOT 41 HILLSBOROUGH Park, F A Brinkman to L C Simpson..... Jan. 7, 1928
Jan. 9, 1928—L 2 BAYSHORE HIGH-way tct. D F Valentine to whom it may concern..... Jan. 2, 1928
Jan. 9, 1928—LOTS 18 & 19, BLK 302, lots 22 and 23, blk 200 Farways of Emerald Lake. George Y Morton to Peninsula Construction Co. Jan. 9, 1928
Jan. 11, 1928—PART LOT 2 B Bowie Estate No. 1. E C Counter et al to E C Counter..... Dec. 18, 1927
Jan. 10, 1928—LOT 9 BLK 42 LYON & Hoag sub, Burlingame. August Aelze et al to Clistianson Sorensen..... Nov. 3, 1927
Jan. 10, 1928—LOTS 1, 4, 5 CROCKER Tct. Antonia Millo to A Miliano et al..... Jan. 6, 1928
Jan. 10, 1928—LOT 2 BLK 4 Belhurn Village. Russ J Brower et al to Raley Bros..... Dec. 23, 1928
Jan. 10, 1928—LOT 4 BLK 15 Redwood Highlands. Albert Patrick to whom it may concern..... Jan. 6, 1928
Jan. 10, 1928—LOT 150 BLK Q, Portola Woods. Bradford M Melvin to whom it may concern..... Jan. 10, 1928
Jan. 12, 1928—LOT 26 BLK 19 Milbrae Highlands. Frank C Grisez to whom it may concern..... Jan. 10, 1928
Jan. 12, 1928—PART LOT 11 BLK 11, North Palo Alto. E F Koop et al to whom it may concern..... Jan. 11, 1928
Jan. 12, 1928—LOT 1 BLK 4, Burlingame Hills. Natalie C Belami to I C Rarris Jr..... Dec. 28, 1927
Jan. 14, 1928—LOT 53 BLK 1, San Bruno No 2. Dran Mitchell to whom it may concern..... Jan. 12, 1928

Jan. 11, 1928—NE POPULAR & D STS, San Mateo, San Mateo Union High School Dist to Colby & Owsley Jan. 6, 1928
Jan. 13, 1928—PART LOT 166, San Mateo Park, Frank K. Rizzo to whom it may concern Jan. 10, 1928
Jan. 13, 1928—LOT 16 BLK 8 BAYWOOD Park, Thomas A. Cavanaugh to whom it may concern Jan. 10, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Jan. 11, 1928—PART OF TABER SUBD, Philip Dorr vs Miss G. M. Ferns et al \$419
Jan. 12, 1928—LOT 27 BLK 1 VISTA Grant, O. Paulozzi et al vs Anna Paket et al \$237.44
Jan. 12, 1928—LOTS 1 & 2 BLK 1, Dumbarton Park, John Stura vs Phillip M. Schoenfeld et al (2 liens) \$275.16 ea
Jan. 12, 1928—LOT 17 BLK 3, SAN Carlos Manor, A. L. John vs William Dahl et al \$44.90
Jan. 13, 1928—PART LOT 11, WOOD-Acres, Progress Lumber Co vs F. M. Peregrini et al \$196.20
Jan. 6, 1928—PART LOT 13 BLK 1, New High School Acres, San Mateo, Merner Lumber Co vs H. G. Prior et al \$222.12
Jan. 7, 1928—LOT 6 BLK 1, Menlo Park Terrace, San Mateo, James Mothino vs O. A. Boehm et al \$100
Jan. 7, 1928—LOT 34 BLK 9, San Bruno Park, Holmes Lime & Cement Co. \$15.25; Western Lime & Cement Co. \$145.71 vs J. M. Smith et al
Jan. 7, 1928—LOT 17 BLK 3, San Carlos Manor, San Carlos Lumber Co vs William Dahl \$457.14
Jan. 9, 1928—LOTS 11 AND 12 BLK 16, Crocker Tract, San Mateo, S. P. Meda et al vs H. Keisling et al (2 liens) \$80.85 each

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Jan. 11, 1928—LOT 19 BLK 1, Devonshire Properties, Empire Planing Mill to L. P. Price et al \$460
Jan. 11, 1928—LOCATION not given, Hull Bros. to S. Juarataro
Jan. 11, 1928—LOT 19 BLK 1, Devonshire Properties, Hartwood Lumber Co to S. Juarataro et al \$323
Jan. 11, 1928—LOT 19 BLK 1, Devonshire, Redwood City Sheet Metal & Furnace Co. to Louis P. Price et al \$33
Jan. 12, 1928—LOTS 2 & 3, Bayshore Highway tract, T. Siverton to D. F. Valentine et al \$323.50
Jan. 13, 1928—LOT 4 BLK 1, WOODSIDE Acres, Reinhart Lumber Co to O. A. Boehm et al \$1039.52

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 12, 1928—LOT 29, San Juan Subd No. 3, San Mateo, James McBain to whom it may concern Jan. 5, 1928
Jan. 12, 1928—RANCH, 7 miles E of Milpitas and 1½ mile S of Calaveras Dam 952.81 Ac Pt Pueblo Tract No. 1, Andrew F. Kirschner to whom it may concern Jan. 11, 1928
Jan. 12, 1928—LOT 14 BLK 1, Cherry Land Tract, Willow Glen, Ormal W.

Hodd et al to whom it may concern Jan. 12, 1928
Jan. 11, 1928—PTN SUBD LOT 35, Gilroy, Horace C. Willson to whom it may concern Jan. 10, 1928
Jan. 11, 1928—PTN LOTS 1 AND 2 BLK 17, East San Jose Homestead Assn, James Cain to whom it may concern Jan. 3, 1928
Jan. 7, 1928—LOT 18, Hillcrest Subd., San Jose, B. H. Painter et al to whom it may concern Jan. 6, 1928
Jan. 7, 1928—10.36 ACRE Center Calderon Road 30 SW S. P. R. R., Mt. View, Stanley F. Hincelot et al to whom it may concern May 15, 1927

Jan. 7, 1928—NE HIGH ST. AND NW Lincoln Ave NW 100xNE 105 Ptn Blk B, Palo Alto, S. Verdina Giddens to whom it may concern Jan. 6, 1928
Jan. 9, 1928—GERONA ROAD in San Juan Subd No. 3, Stanford University (Graham H. Stuart (lessee of land from Board of Directors of Leland Stanford Junior University) to whom it may concern Jan. 5, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Jan. 7, 1928—LOT 4 BLK 11, Los Altos Country Club Properties, J. W. Cabbage vs Mary E. Scott \$430

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Jan. 11, 1928—LOTS 16, 17 AND 18, Amended Pyle Addition No. 1, San Jose, William R. Biaggi to Cosimo Prinsville

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
Jan. 9, 1928—SAN RAFAEL, Cattaneo to George Hooper Luisa Dec. 10, 1927
Jan. 11, 1928—SHORT RANCH, San Anselmo, John C. O'Toole and wife to whom it may concern Jan. 9, 1928
Jan. 13, 1928—SAUSALITO, J. S. Wotila to W. F. Wegner Jan. 6, 1928
Jan. 16, 1928—SAN ANSELMO, M. Linggi to whom it may concern Jan. 16, 1928
Jan. 16, 1928—SAN ANSELMO, D. A. Campbell and wife to Edward Sieber Dec. 20, 1927

LIENS FILED

MARIN COUNTY

Recorded Amount
Jan. 6, 1928—MONTE VISTA TRACT, Kentfield, J. T. Beal vs Agda Merrill and J. A. Dake \$245.35
Jan. 6, 1928—MONTE VISTA TRACT, Kentfield, Larkspur Lumber Co vs Agda H. Merrill and J. A. Dake \$280.11

RELEASE OF LIENS

MARIN COUNTY

Recorded Amount
Jan. 12, 1928—FAIRFAX TRACT, Fairfax, B. Kessler to Battiste and Col-

ombina Fassi
Jan. 12, 1928—BELVEDERE, Ralph J. Button to B. W. Haines and F. G. Nuttlin et al
Jan. 10, 1928—FAIRFAX, Fairfax Lumber Co to Margaret Lehner.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

PERMITS

RESIDENCE and garage, \$3500; No. 31 W. Walnut St., Stockton; owner, P. Ecker.
RESIDENCE and garage, \$1500; No. 840 W. Magnolia St., Stockton; owner, T. E. Williamson, 1839 W. Park Ave., Stockton.
RESIDENCE and garage, \$4500; No. 1821 Ramona St., Stockton; owner, W. H. Seker, 109 W. 6th St., Stockton; contractor, Ecker Bros.
REMODEL store, \$4200; No. 401 E. Weber St., Stockton; owner, Mark Curtis, Premises; contractor, B. L. Mason, 431 E. Mendocino St., Stockton.
MOVE and remodel dwelling, \$2000 No. 828 E. Worth St., Stockton; owner, Mr. Papas; contractor, W. J. Fisher, 1336 S. Sutter St., Stockton.
FOUNDATION, \$1000; No. 232 S. San Joaquin St., Stockton; owner, S. Gardella, 1401 E. Charter Way, Stockton.
REMODEL dwelling, \$2000; No. 1127 N. Commerce St., Stockton; owner, C. B. and Hattie Higdon, Femises; contractor, H. W. Johnson, 1229 W. Magnolia St., Stockton.
RESIDENCE and garage, \$2700; No. 2402 E. Scotts St., Stockton; owner, Walter Gilbert; contractor, Carl Nelson, 1421 E. Channel St., Stockton.
BUILDING, \$2700; No. 624 Lexington St., Stockton; owner, Robert R. Wagner, 1050 W. Harding Way, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 5, 1928—PTN SEC. 10, Township 2, South Range 8 East, Stockton, Wm. H. Miller to whom it may concern Dec. 8, 1927
Jan. 6, 1928—MINER AVE., Stockton, Southern Pacific Co to B. A. Fisher Dec. 31, 1927
Jan. 10, 1928—LOT 3 BLK 8, Lincoln Manor Subd. Add to City of Tracy, Manuel G. Neves to Gust. Nordstrom Dec. 28, 1927

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Jan. 4, 1928—PTN WOODWARD Island Sec. 16 and 21, Township 1, North Range 4 East, Stockton, W. J. Hieko vs Ressa A. Wolf and Husband \$500
Jan. 13, 1928—LOT 16 BLK 121 E of Center St., Stockton, Pioneer Lumber Co vs L. J. Kitt \$118

RELEASE OF LIENS

SONOMA COUNTY

Recorded Amount
Jan. 9, 1928—LOTS 329-330 BLK 11, Whellers 2nd Add to Santa Rosa, E. U. White Lumber Co to Angelina La Franchi \$57.80
Jan. 9, 1928—SUNNYSIDE ADD, Santa Rosa, E. U. White Lumber Co to Kris Karsten & estate of Christian Karsten \$58.70

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

SCHOOL SOLEDAD, Monterey County. All work for grammar school building, owner—Soledad Union Grammar School District, Soledad.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

Architect—H. B. Douglass (non-certificated), Greenfield, Calif.
 Contractor—T. B. Goodwin, 2950 Divisadero St., San Francisco.
 Filed Jan. 5, '28. Dated Dec. 27, '27.
 Progressive payments of..... 75%
 Usual 35 days..... Balance
 Bond, limit, forfeit, none. Plans and specifications filed. TOTAL COST, \$73,563

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 Jan. 5, 1928—LOT 4 BLK 15, Homestead Addition to Salinas City. S Trondhjem to whom it may concern..... Jan. 5, 1928
 Jan. 5, 1928—LOT 35 and N 20 Lot 84 Blk 68, Monterey. Giuseppe Ferranti to G E Seeno..... Jan. 3, 1928
 Jan. 5, 1928—PTN LOTS 16 and 13 Blk 31 Map N 1/2 of town of New Monterey, 39x100 in area and beg 39 ft. from SE Prescott and Archer Sts. Mary Traves to Louis Traves..... Dec. 30, 1927
 Jan. 7, 1928—LOT 9 BLK 58 as per Severance's Block Book, City of Monterey. Salvatore Lucido to whom it may concern..... Jan. 4, 1928
 Jan. 7, 1928—LOT C BLK 6, Riker's Addn to City of Salinas. Salinas to Fred McCrary..... Dec. 19, 1927

LIENS FILED

MONTEREY COUNTY

Recorded Amount
 Jan. 5, 1928—LOTS 7 AND 8 BLK J, Monterey. Blackman-Anderson Mill & Lumber Co vs Frank and Angelina Balestere and D D McAnaney.....\$537.47
 Jan. 5, 1928—LOTS 2, 4 AND 6 BLK 87, 3rd Addition to Pacific Grove Retreat Grounds. Blackman-Anderson Mill & Lumber Co vs Floyd E Bryant.....\$436.20
 Jan. 5, 1928—LOTS 6 AND 8 BLK 33, Vista Del Rey Tract, Monterey. Blackman-Anderson Mill & Lumber Co vs James V and Bertha Cain.....\$501.07
 Jan. 9, 1928—A PARCEL OF LAND lying within the Rancho Los Carneros (David Little John) containing 17,082 acres, Monterey County. Hammond-Lumber Co vs Carl T Worst and J J Ausmus.....\$512.23

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
 Jan. 6, 1928—LOT 12 BLK 23, Little's Map of New Monterey. Tynan Lumber Co to Mike Silva and Manuel and Anna Costa.....\$1463.44

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

GARAGE
 LOT 371, Homeland, Sacramento. All work for one-story brick garage. Owner—A. G. Arnold. Architect—None. Contractor—F. H. Brown, Rivera St., Sacramento.
 Filed Jan. 3, 1928. Dated.....
 TOTAL COST, \$6770

RESIDENCE
 LOT 12, W. & K. SUB. No. 24 Addition No. 2, Sacramento. All work for one-story frame and stucco residence and garage.
 Owner—W. C. Frazier. Architect—None. Contractor—J. H. Haag, 5033 T St., Sacramento.
 Filed Jan. 6, 1928. Dated.....
 TOTAL COST, \$5621

PERMITS

RESIDENCE, 5-room and garage, \$2500; No. 2225 23rd St., Sacramento; owner, W. T. Foster, 2901 35th St., Sacramento.
 RESIDENCE, 5-room, \$2500; No. 2221

23rd St., Sacramento; owner, W. T. Foster, 2901 35th St., Sacramento.
 RESIDENCE, 5-room and garage, \$3000; No. 2116 25th St., Sacramento; owner, M. T. Terra, 2315 9th St., Sacramento.
 RESIDENCE, 5-room and garage, \$2500; No. 2116 36th St., Sacramento; owner, S. A. Tuchfarker, 2620 S St., Sacramento.
 RESIDENCE, 6-room and garage, \$4000; No. 2767 12th St., Sacramento; owner, E. J. Fagalde, 2774 13th Ave., Sacramento.
 RESIDENCE, 5-room and garage, \$5000; No. 4633 Freeman Way, Sacramento; owner, U. S. Steeves, 521 38th St., Sacramento.
 GENERAL repairs, \$1900; No. 800 J St., Sacramento; owner, H. Mitau, Sacramento; contractor, Seller Bros.
 RESIDENCE, 5-room, \$3500; No. 5025 Eighth Ave., Sacramento; owner, Simpson Varrieur, 3800 3rd Ave., Sacramento.
 RESIDENCE, 6-room and garage, \$5600; No. 3510 Cutter Way, Sacramento; owner, H. C. Martin, 1417 19th St., Sacramento.
 RESIDENCE, 4-room, \$3000; No. 930 54th St., Sacramento; owner, Gertrude Musenheimer, 819 20th St., Sacramento; contractor, M. A. Moody.
 GENERAL repairs, \$6000; No. 3908 8th Ave., Sacramento; owner, Oak Park Water Co., 35th St. and 4th Ave., Sacramento.
 RESIDENCE, 5-room, \$3000; No. 3964 Discovery Way, Sacramento; owner, A. Carlson, Premises.
 GENERAL REPAIRS, \$2500; No. 2150 Markham St., Sacramento; owner, Frank P. Williams, Premises.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 Jan. 4, 1928—LOT 4 BLK 7 Sacramento sub No. 9, T C Greer to whom it may concern.....Jan. 4, 1928
 Jan. 4, 1928—LOT L K 11.12, Sacramento. P G & E to whom it may concern.....Dec. 28, 1927
 Jan. 4, 1928—W OF RD S 1/2 Sect 17-6-5 contg 165 acres. Edw C Kloss to whom it may concern.....Dec. 29, 1927
 Jan. 5, 1927—LOT 25 MCKINLEY Terrace. Jno H Loddick to whom it may concern.....Jan. 5, 1928
 Jan. 5, 1928—W 75 LOTS 103 & 104 Mont Clare tract addn to city of Sacramento. B R Benson to whom it may concern.....Dec. 27, 1927
 Jan. 7, 1928—LOT 1408 ELMHURST, Cornelius Hearl to whom it may concern.....Jan. 7, 1928
 Jan. 7, 1928—LOT 2242 W & R TCT No 24 addn. Herschal J Ross to whom it may concern.....Jan. 6, 1928
 Jan. 10, 1928—LOT 517 SWANSTON Park, Unit No. 2, Sacramento. E J Fagalde to whom it may concern.....Jan. 7, 1928
 Jan. 11, 1928—LOT 9 RIVERSIDE Terrace, Sacramento. Henry Schmidt to whom it may concern.....Jan. 10, 1928
 Jan. 11, 1928—LOT 35, Reese Villa, Sacramento. Lillie V Martin to whom it may concern.....Jan. 4, 1928
 Jan. 13, 1928—BRIGHTON (undergrade crossing State Highway.) Department of Public Works, Division of Highways to whom it may concern.....Jan. 9, 1928
 Jan. 13, 1928—E 1/2 OF W 1/2 LOT 7, I. J. 4th and 5th Sts., Sacramento. Max and Minnie Smith to whom it may concern.....Jan. 5, 1928
 Jan. 13, 1928—LOTS 7315 & 7316 CASA Alameda, Sacramento Lodge No 1020 Loyal Order of Moose to whom it may concern.....Jan. 12, 1928
 Jan. 13, 1928—LOTS 25 & 26 NEIL HCT

Chas H Crocker to whom it may concern.....Jan. 12, 1928
 Jan. 13, 1928—LOT 7 BLK 20 SUB No 3 North Sacramento. Wm and Gladys Pauli to whom it may concern.....Jan. 12, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Accepted
 Jan. 5, 1928—LOTS 8 & 9, JENKINS Oaks, Sacramento. Geo. L. Danner vs. D. W. Abramson.....\$36.98 each
 Jan. 5, 1928—LOT 1227, ELMHURST, Sacramento. Tilden Lbr & Mill Co vs. M. D. Barnes.....\$74.20
 Jan. 5, 1928—LOT 1914, ELMHURST, Sacramento. Geo. L. Danner vs Irene Shelton.....\$113.97
 Jan. 6, 1928—LOT 49, FAIR PARK, known as 2441, San Jose Way. S. Lindroth & S. Johnson of Cap. Lbr Co vs. S. J. Holsinger & Geo. M. Axman.....\$491.61
 Jan. 11, 1928—N 1/2 OF E 1/2 LOT 4, U. V. 29th and 30th Sts., Sacramento. Allyn L Burr vs Wm T Reid and D F Nyrop.....\$12.80
 Jan. 11, 1928—NO. 1914 ELMHURST St., Sacramento. Wm A Rapp Co vs Irene Shelton.....\$21.95

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

ALTERATIONS
 NO. 1041 FULTON ST., Fresno. All work for alterations to store building. Owner—United Cigar Stores Co., 1061 Fulton St., Fresno.
 Architect—Winter & Maury.
 Contractor—F. J. Stone, Mason Bldg., Fresno.
 Filed Dec. 30, '27. Dated Dec. 22, '27.
 On completion..... 75%
 Usual 35 days..... Balance
 Bond, \$8000. Surety, U S Fidelity & Guaranty Co. Limit, 30 working days from Jan. 2, 1928. Forfeit, \$25 per day. Plans and specifications filed. TOTAL COST, \$8000

BUILDING
 LOT 1, Mattei Tract, Fresno. All work for building.
 Owner—Chas. Onanian.
 Architect—W. D. Coates Jr. Co., 1038 Fedora St., Fresno.
 Contractor—S. A. Boioian, 917 S-First St., Fresno.
 Filed Jan. 4, '28. Dated Jan. 3, '28.
 As work progresses.....
 Usual 35 days..... Balance
 Bond, none. Limit, 90 working days. Forfeit, \$10 per day. Plans and specifications filed. TOTAL COST, \$6250

PERMITS

DWELLING, \$4000; No. 832 Peralta Way, Fresno; owner, Mrs. C. H. Lehman, 3844 Liberty Ave., Fresno.
 DWELLING, \$1200; No. 940 C St., Fresno owner, Jose Ortiz; contractor, A. Rivas.
 DWELLING, \$3000; No. 1303 Del Mar Ave., Fresno; owner, A. R. Eklund, 1332 Andrews St., Fresno.
 ALTERATIONS and additions, \$2000; No. 1420 H St., Fresno; owner, Standard Creamers, Inc., Fresno; contractor, J. T. Cowan, 750 Elizabeth St., Fresno.
 ALTERATIONS and addition, \$1400; No. 725 F St., Fresno; owner, Mr. Travila contractor, Ed Tribble, 1083 Harvey St., Fresno.
 HIGH school gymnasium; Lincoln School toilet rooms and Jefferson School

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

toilet room, \$58,120; \$15,008 and \$6047 respectively; Fresno; owner, Fresno City Schools; contractor, E. J. Farr, 1296 Linden St., Fresno.

ALTERATIONS and additions, \$8000; No. 1011 Pulton St., Fresno; owner, Fred Herald; contractor, F. J. Stone, Mason Bldg., Fresno.

DWELLING, \$3000; 427 Oleander, Fresno, owner, Joe Verceilli.

STORE, \$2000; 1259 G st., Fresno; owner, Wm. Lucas; contractor, Jeff Ritchey.

DWELLING and garage, \$4000; 1230 Adeline st., Fresno; owner, Taylor & Wheeler, Brix Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Dec. 10, 1927—SHAVER LAKE RES- ervoir site on Stephenson Creek, So Calif Edison Co to Bretz Bros.	Dec. 1, 1927
Dec. 10, 1927—LOWELL SCHOOL, Fresno, Fresno School Dist to Pac Elec Clock Co.	Dec. 8, 1927
Dec. 10, 1927—T L HEATON SCHOOL Fresno, Fresno School Dist to Pac Elec Clock Co.	Dec. 8, 1927
Dec. 10, 1927—JOHN BURROUGHS School, Fresno, Fresno School Dist to D A Coffman.	Dec. 8, 1927
Dec. 10, 1927—EDISON TECHNICAL School, Fresno School Dist to C F Weber & Co.	Dec. 8, 1927
Dec. 10, 1927—LONGFELLOW JUNIOR High School, Fresno School Dist to B A Newman Co.	Dec. 8, 1927
Dec. 21, 1927—LOTS 16, 17 BLK 83, Sierra Vista Add No 4, Fresno. A J Powell to whom it may concern.	Dec. 21, 1927
Dec. 21, 1927—LOTS 31, 32 BLK 6 N Park Terrace, Fresno, Manoog Man- oogian to whom it may concern.	Dec. 20, 1927
Jan. 6, 1928—N 50 E 1/2 LOT 8, Palmi- dale Acre tct, Fresno, Wm E Russ to whom it may concern.	Dec. 30, 1927
Jan. 7, 1928—LOTS 33, 34 BLK 83	

Sierra Vista No 4, Fresno, J B Hub-
bart to whom it may concern. Jan. 6, '28

Jan. 7, 1928—EASTERBY SCHOOL,
Fresno, Easterby School Dist to E H
Mellencamp. Jan. 5, 1928

Jan. 11, 1928—LOTS 15 AND 16 BLK 4,
Sierra Vista Addition, Fresno. C L
Dart to whom it may concern. Jan. 11, 1928

Jan. 13, 1928—LOTS 35 AND 36 BLK
5, Sierra Vista Addition, Fresno. A
J Powell to whom it may concern.
Jan. 12, 1928

Jan. 13, 1928—LOT 31 AND 32 BLK 10,
High Addition, Fresno. O R Taylor
to whom it may concern. Jan. 11, 1928

Jan. 14, 1928—E 1/2 LOT 5 WEHLE
Home tct, Fresno, Henry Krum to
whom it may concern. Jan. 13, 1928

Jan. 14, 1928—LOTS 15, 16 W 10 lot
17 blk 16 N Park Terrace, C L Saylor
to whom it may concern. Jan. 13, 1928

Jan. 14, 1928—LOT 23 BLK 11 Selma
W T Forkner to Squire Cooper. Jan. 10, 1928

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Jan. 11, 1928—NE 1/4 SEC 4, 17-20, Fresno. Wm Gandy vs Sam Clark and Wm Campbell.	\$375
Jan. 11, 1928—LOTS 5 AND 6 BLK 3 N Selma Addition, Selma. Citizens Lumber Co vs T R and Delia M Adams.	\$213
Jan. 13, 1928—LOTS 26 TO 29 BLK 5, S. Fresno Addition, Fresno. M H Melekan vs Stellos Tripolitis.	\$200
Jan. 15, 1928—LOT 202 CITRUS HTS. Addn No 9, Sacramento. Diamond Match Co vs W E Trainor.	\$164.15
Jan. 4, 1928—50 x 50 IN OR NEAR LOT 4 blk 10 Wilson N Fresno tct. Built- in Fixture Co vs Ross Gilbert & P A Wolff.	\$517
Jan. 5, 1928—W 1/2 OF SW 1/4 OF SW 1/4 of sec 16, 20-16. A Clevenger vs J W Shipp.	\$71

Jan. 5, 1928—PAR IN OR NEAR LOT 4
blk 10 Wilson N Fresno tct. N L Mc-
Kenzie to Ross W Gilbert & P A
Wolff. \$135

Jan. 6, 1928—PAR IN OR NEAR LOT 4
blk 10 Wilson N Fresno tct. E C Mc-
Mullin vs Ross W Gilbert & P A
Wolff. \$114

Jan. 6, 1928—LOT 28 BLK 5 S FRESNO
Add. Fresno, Fresno Bldrs Supply Co
vs Steve Tripolitis. \$268

Jan. 7, 1928—LOTS 26 TO 29 BLK 5
S Fresno Add. B A Newman vs
Stellos Tripolitis. \$171

Jan. 7, 1928—LOTS 26 TO 29 BLK 5 S
Fresno Add. T O Paint Store vs Ste-
llos Tripolitis. \$106

Jan. 7, 1928—LOTS 26 TO 29 BLK 5
S Fresno Add. Fresno Hardware Co
vs Stellos Tripolitis. \$71

Jan. 7, 1928—50 x 150 IN OR NEAR
lot 4 blk 10 Wilson N Fresno tct.
Fresno, Bingham Wenks Planing Mill
Co vs Ross W Gilbert. \$751

Jan. 7, 1928—NE 1/4 SECT 4 17-20. H C
& H N Kofoid vs Sam Clark & Wm
Campbell. \$184

Jan. 7, 1928—PART LOTS 12, 13, 6, 7
blk 1 Wilson N Fresno tct, Fresno
Stewart & Nuss Inc. vs R W Gilbert
& P A Wolff. \$151

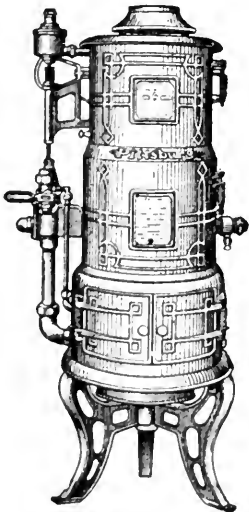
Jan. 7, 1928—LOTS 26 TO 29 BLK 5
S Fresno Add. Fresno Lumber Co vs
Stellos Tripolitis. \$34

ARCHITECTS AND ENGINEERS OF SACRAMENTO ELECT

J. O. Tobey was named president of the Architects' and Engineers' Club of Sacramento at the annual election of officers held last week. Jens C. Peterson was named vice president, Earl L. Holman secretary, and Harry W. De Haven treasurer.

The new board of directors consists of P. T. Poage, Fred Ruckh and C. E. Berg.

It was announced at the meeting that the annual banquet of the club will be held in February, the arrangements to be announced later.



A "Pittsburg" Auto-
matic Water Heater
installed in the Home
indicates high quality
throughout.

Recommended and speci-
fied by all the leading archi-
tects, plumbers and
builders.

Consider the high merit
of the Pittsburg coupled
with "Pittsburg Perfect
Service."

"Hot water quick as a
wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"
"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS
and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

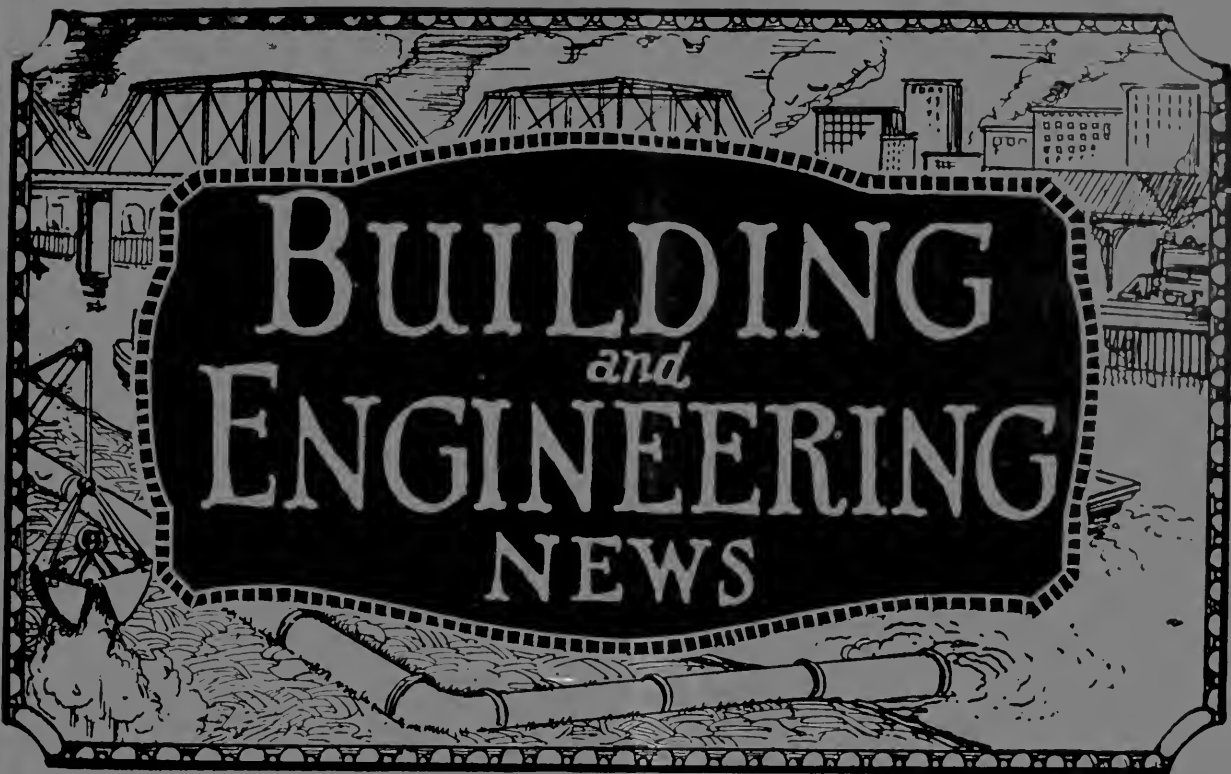
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames
and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF. JANUARY 28, 1928

Published Every Saturday
Twenty-eighth Year No. 4

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JANUARY 28, 1928 Twenty-eighth Year No. 4



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

PACIFIC ROLLING MILL AND JUDSON
IN MERGER

E. B. Noble, president of the Pacific Rolling Mill Company, and Charles J. Maas, president of the Judson Manufacturing Company, announce that these concerns will operate after February 1, under the name of the Judson-Pacific Company.

A new company will be formed to take over the properties involved, which include approximately eight acres at Emeryville, and about three acres at Seventeenth and Mississippi Sts., San Francisco.

The combined capacity of the plant will approximate 25,000 tons per year, and will constitute the largest steel fabricating concern in this district, if not in the West.

About \$2,000,000 of property and equipment values are involved in the transaction.

This consolidation is interesting from the standpoint that it will combine the activities of two of the oldest industrial plants on the Pacific Coast.

Officers of the new company will be: Carlos J. Maas, president; E. B. Noble, vice-president and treasurer; A. E. Wilkens, vice-president and general manager; P. F. Gillespie, vice-president in charge of sales, and H. F. Hedricks, general superintendent.

ROAD CHIEF ELECTED

Col. R. Keith Compton, director of public works in Richmond, Val., is the new president of the American Road Builders' Association. He supervised the building of roads during the World War as a lieutenant-colonel of engineers, and was director of public works in Baltimore before assuming his present post in Richmond. He was a director of the road builders' association at the time of his election to the presidency. He succeeds Charles M. Babcock, Minnesota's state commissioner of highways, as head of the association.

SLATE SALES IN 1927 SHOW 12% LOSS AS COMPARED WITH 1926

The value of the slate sold at the quarries of the United States in 1927 was \$10,873,000, according to estimates furnished by producers to the United States Bureau of Mines, Department of Commerce. This was 12 per cent less than the value reported for 1926. Decrease in demand, especially during the last six months of the year, and lower prices due to keen competition, were general in the slate industry during 1927. Quarries were reported idle, and several firms discontinued business. Consolidation among active firms was also noted.

The roofing slate sold, estimated at 450,000 squares, valued at \$4,510,000, decreased 3 per cent in quantity and 11 per cent in value. This represents a decrease of 8 cents in the average value per square.

The total sales of mill stock, estimated at 8,856,000 square feet, valued at \$3,508,000, decreased 14 per cent in quantity and 16 per cent in value.

Mill stock for structural slate—2,350,000 square feet, valued at \$880,000—decreased 9 per cent in quantity and 11 per cent in value. Electrical slate—1,627,000 square feet, valued at \$1,292,000—decreased 12 per cent in quantity and 16 per cent in value.

Mill stock for blackboards and bulletin boards—3,440,000 square feet, valued at \$1,070,000—decreased 14 per cent in quantity and 21 per cent in value in 1927. Slate for school slates and billiard-table tops also showed decrease in both quantity and value. Slate for vaults and covers was the only slate product that showed increased sales in 1927. The output was estimated at 540,000 square feet, valued at \$146,000, and represents an increase of 10 per cent in quantity and 12 per cent in value.

The sales of crushed slate for roofing granules and flour in 1927 was estimated at 456,600 short tons, valued at \$2,775,000. This represents a decrease of 8 per cent in both quantity and value.

\$5,000,000 BOND ISSUE FOR S. F. HOSPITALS CONTEMPLATED

A \$5,000,000 bond issue to finance construction of a new building for the Board of Health in the Civic Center and the erection of additional facilities at various hospitals operated by the City and County of San Francisco, is contemplated. It is proposed to submit the proposal to the voters at the May primary election.

Subject to the approval of the Finance Committee of the Board of Supervisors the propositions to be voted upon are summarized as follows:

\$2,500,000 to finance the purchase of additional lands and the erection of a new building in the Civic Center for the Board of Health.

\$500,000 to finance erection of a nurses' home at the San Francisco Hospital to accommodate 250 nurses and 250 institutions.

\$250,000 for an additional unit at the Relief Home in Laguna Honda district.

\$1,750,000 for creation of a 150-bed cancer institute at the San Francisco Hospital and a 500-bed tubercular hospital at Pulga Canyon in addition to another 50-bed wing for the present hospital at that location.

SACRAMENTO BUILDERS EXCHANGE ELECTS DIRECTORS

Opening of new quarters at 1309 J St., election of eleven directors and a buffet luncheon features of the reorganization meeting of the Sacramento Builders' Exchange, January 17.

Speakers for the evening included Harry Johnson, retiring president who introduced S. A. Hart, assistant city engineer of Sacramento, who spoke on the Sacramento building program for the past six years. He also spoken on Sacramento's new building code.

Thos. F. Scollan gave a brief talk on the history of the Sacramento Builders' Exchange—what the organization has accomplished and what it hopes to do. W. W. Campbell spoke on Sacramento's new building code.

The exchange elected the following directors: W. B. Scollan, W. W. Campbell, Jos. Shephard, W. L. Triplett, L. F. Gould, L. C. Hunter, H. W. Robertson, Frank Maloney, Cliff Prudhomme, Harold Dixon and Harry Johnson. L. S. Patterson was elected secretary.

Following the election of directors, new members were introduced and a buffet luncheon was served.

CALIF. LANDSCAPE ARCHITECTS RE-ELECTS OFFICERS

Professor John W. Gregg of the Division of Landscape Design of the University of California College of Agriculture has just been re-elected to the office of secretary of the Pacific Coast chapter of the American Society of Landscape Architects, according to work received in Berkeley from Los Angeles, where the annual meeting was held.

The entire list of officers, President Stephen Child of San Francisco, Vice President Emanuel T. Mische of Los Angeles, Treasurer Edward H. Trout of Los Angeles and Secretary Gregg of the University, served the organization during 1927 and was unanimously re-elected.

Among matters of importance which were discussed was the appointment of a committee to arrange for the annual exhibition of the chapter, to be held some time during the month of February in Los Angeles, and, if satisfactory arrangements can be made, the exhibition will be later transferred to San Francisco for display.

The meeting on the Pacific Coast in May of the National Conference on State Parks was discussed and a committee appointed to extend the courtesies of the chapter to this organization in whatever way may be possible and assist in making the annual meeting pleasant and profitable for those present and for the State of California as a whole.

BUILDING CODE TO BE AMENDED AT LOS ANGELES

In accordance with the recommendation of the building and safety commission, the city council of Los Angeles has instructed the city attorney to prepare draft of an ordinance amending section 55 of the building ordinance covering heights of hotels and apartment houses. The amendment provides for the exact height limit of the various classes of buildings, which are as follows: Class A, 13 stories, Class B, 5 stories, Class C, 4 stories, and Class D 3 stories. The amendment to the ordinance will be effective on and after June 1st, 1928.

TARIFF PROTECTION ESSENTIAL TO AMERICAN PROSPERITY - THE REASONS

"One of the underlying principles of our prosperity today is high wages. High wages can be paid because of a large volume of production." This statement in a letter from W. H. Pouch, president of the Concrete Steel Co., New York, serves to emphasize what this paper has for many years been insistently preaching.

We believe in high wages, but we cannot in this country maintain high wages if our business interests permit national, state or municipal officials to purchase important building materials from foreign lands merely because they can secure foreign goods at a possible slightly lower price than American goods. It is only a repetition of the old saying attributed to Lincoln, that when we buy rails abroad, Europe has the money and we have the rails; but when we buy rails in America, we have both the rails and the money.

Protective Tariff Necessary

Every class of people in this country, whether they realize it or not, is vitally interested in the maintenance of our prosperity based so largely on high wages, and high wages cannot be maintained except through a protective tariff. The old fetish of free trade should no longer be worshiped by any political party. The tariff is pre-eminently an economic measure, and where the tariff is high enough to protect us against heavy importations of foreign goods made by pauper and near pauper labor, high wages can be maintained, but not otherwise.

The vegetable growers of Florida and Texas are appealing for protection against the importations of foreign tomatoes and other vegetables. The peanut growers are eager for a tariff against the peanuts of the Orient. And so, one by one, the farm interests of the country are coming to realize the need of a protective tariff on their interests, and in this respect are standing side by side with the other industrial interests which need a protective tariff. But in many things our tariff is not high enough. On some things there is no tariff protection. We are flooding our country with foreign made cement and steel, to the serious disadvantage of American made cement.

Foreign Cement on Public Work

Against this movement there is developing a very active opposition in some Southern States where highway commissioners have unwisely bought foreign cement for public work. Steel products also are being poured into this country in an increasing quantity. Especially is this true of Gulf ports, where vessels coming for cotton and other export products bring foreign materials at a very low freight rate, and sometimes almost as ballast. Our railroads thus lose the traffic they should have and our laborers are forced out of employment; and to maintain our prosperity we must be able to employ our people fully at high wages.

Our farmers are as vitally interested in a protective tariff as are our manufacturers. The laboring men have no assurance of employment or of good wages except through a protective tariff, and the great consuming population of the country is as much interested as are the farmers, the laboring men and the manufacturers themselves, because lessened prosperity and lower wages would mean not prosperity, but increasing pov-

erty for all the consuming population of the country.

Mr. Pouch Says:

Mr. Pouch, in writing to the Manufacturers Record, discusses the whole situation very forcibly. In the course of his letter, he says:

"Undoubtedly, the tariff question is going to be brought to the attention of the American public very forcibly in the next few years. There is a close connection between the foreign debt and the tariff question and, as the foreign debt has not been definitely settled, the tariff question has not been definitely settled. Some people may think that the foreign debt question is a closed book, but I am led to believe that many other people are convinced that this question will have to be reopened when the full payments come due from Germany. If the foreign debt to the United States is to be paid, it must of necessity be paid in merchandise and not in gold. Therefore, we must determine whether we will sacrifice the foreign debt and protect American merchandise. I hope the day will not come when American citizens forget to protect prosperity in America for a few million dollars that they might collect annually from some of the foreign countries.

Exports Growing Larger

"Even with the high tariff duty that we have today on steel products, the steel mills of France, Germany and Belgium are exporting considerable steel to the South and the Atlantic Coast cities. This tonnage is growing larger from month to month and, while it is not very large at the present time, its continued increase will in a year or so be a serious menace to the American steel mills supplying the Gulf cities and the Atlantic seaboard cities. There is no chance of the American steel mills meeting foreign competition.

"Shortly after the war closed the foreign mills sent representatives over to this country to investigate the great strides we had made in manufacturing steel. They returned to their respective countries and, I am told, installed the latest labor saving devices in their plants and with cheap labor, in addition to up-to-date machinery, they are producing steel cheaper than it can be manufactured by our own wonderfully equipped steel mills. Of course, cheap transportation must be supplied between Europe and the Atlantic seaboard cities, and with the advantage of cheap ocean transportation rates, there is no doubt that steel can be, and is being, shipped from Europe to our Atlantic Coast cities cheaper than it is being shipped from the Pittsburgh district to such cities. On account of these factors, many steel products can today be bought cheaper in certain localities of our country than the American mills can afford to sell them for and maintain the present high standard of American living.

Contractors Tempted to Buy

"Many of our engineers and large contractors are being confronted with the temptation of buying foreign steel. Some of them feel that they have no obligation to purchase American products if a foreign product can be bought cheaper. Personally, I cannot see this argument, because I believe there are other things to be considered than price. One of the underlying principles of our prosperity today is high wages. High wages can

be paid because of large volume of production. Conversely, if our cities, counties and states are going to use foreign steel in their subways, road construction and municipal buildings and our large engineers are going to advise owners to use foreign steel in their large engineering projects, then the domestic volume is going to decrease, the manufacturer is not going to be able to employ as many men and the American workman is not going to have as much money to spend, all of which will have a tendency to decrease our prosperity. Therefore, I believe it is the duty of everyone who is purchasing merchandise in reasonably large quantities, to use the merchandise close at hand and not patronize foreign markets.

"Leaders in the steel industry were recently quoted as saying that this industry was not earning for its capital invested more than that which could be earned on a Government bond, which means, of course, that profits in the steel business are very small. If the importation of foreign steel is allowed to increase from year to year, these profits will get smaller before they get bigger. Today foreign steel is a serious factor in Texas, New Orleans and the large cities of the Atlantic seaboard. Something should be done to stem this tide. I believe that if our leading magazines, such as the Manufacturers Record, could only bring the entire question and its consequences before the American public we will be able to remedy the evil before it brings on dire consequences."

EIGHTY-FOUR-YEAR BRICKLAYER IS STILL LAYING THE BRICK

All unmindful of the displeasure he is causing the gentleman with the hour glass and scythe, Robert Rippetoe, a Civil War veteran and veteran bricklayer as well, celebrated his eighty-fourth birthday at Rushville, Ill., by starting work with the rest of the boys on the addition being built to the Presbyterian church.

Sixty years of experience has given him uncanny skill as a brick mason.

"I am not happy unless I keep at my work," he said. "Moreover, it doesn't look as though I could retire if I wished. There doesn't seem to be any young brick masons taking up the trade here, and the jobs must be done," he philosophized.

Six months after taking up bricklaying, he responded to President Lincoln's call for volunteers and served with Troop B, Seventh Missouri Cavalry, for four years and 28 days.

On his return he resumed his trade and is still at it. There were only two brick buildings in Rushville then and he claims to have worked on virtually all that have since been constructed.

Rippetoe keeps a record of his daily work and is often called on to verify construction dates.

PLATE GLASS PRODUCTION

Plate glass production has shown further declines, according to word from Pittsburgh. Output of polished plate glass Manufacturers of America was 8,572,744 square feet, against 8,703,214 square feet in October and 9,703,214 square feet in November, 1926. In the first 11 months of 1927, production was 103,944,648 square feet, against 121,513,511 in the corresponding period of 1926.

H. J. BRUNNIER, STRUCTURAL ENGINEER, NAMED CHIEF OF AUTOMOBILE ASS'N.

H. J. Brunner, consulting structural engineer of San Francisco and a leading figure in California good roads activities for many years, is the new president of the California State Automobile Association. Announcement was made of his election to leadership of the 76,000 or-



H. J. BRUNNIER

ganized motorists of Northern and Central California at the annual meeting of the association's board of directors, last week.

For the past 8 years Brunner has been a director and an active worker in the State Automobile Association. During that time he has been continuously chairman of the association's highways

committee and in that capacity has directed the destinies of the organization's Highway Bureau, the driving force behind California's highway development. He has also been a member of the organization's executive and finance committees and has been a vice president of the association for the past four years. Brunner succeeds Burton A. Towne of Lodi, who retired from the association presidency after two successive terms during which the organization set a remarkable record of progress.

Other officers of the Automobile Association elected for 1928 are: R. I. Bentley of San Francisco, president of the California Packing Corp., first vice president; D. H. Lafferty of Santa Rosa, mortician and civic leader, second vice president; E. B. De Golia of San Francisco, vice president of Marsh & McLennan, third vice president; George S. Forderer of San Francisco, president of the Forderer Cornice Works, treasurer. D. E. Watkins was again named secretary and general manager of the association. He is now in his fifteenth year in this position.

Brunner is prominent in civic, commercial, fraternal and industrial affairs of the bay region and in his professional capacity is one of the builders of San Francisco's new skyline. He was structural engineer for four of San Francisco's newest skyscrapers—the Russ, the Hunter-Dulin, the Standard Oil and the Commercial Union buildings—in addition to many other structures.

The new chief or organized motordom in Northern and Central California is vice chairman of the San Francisco Traffic Survey Committee, a director of the American Automobile Association, a past president of the Pacific Association of Consulting Engineers and is prominent in Rotary affairs. He is an active good roads advocate and has taken a leading part in state highway bond campaigns and other campaigns, state and local, for the improvement and extension of highway system in California.

NEW YORK WOULD BUILD HIGHER — SETTING 75 STORIES AS AN IDEAL

New York's buildings are becoming larger, according to a survey just completed by Dr. Lewis H. Haney, director of the Bureau of Business Research of Columbia University. Coincidentally, it was learned that a movement is under way to alter the building code so Manhattan's skyscrapers may be raised to new heights.

In the mid-Manhattan district the increased size of the buildings nearly trebled the investment in each new construction project over what it was in 1922, according to Dr. Haney's statistics. In 1927 the average building in this area cost \$970,000, as compared with \$620,000 in 1926 and \$330,000 in 1922. The increase he emphasized, was found to be due to the construction of larger buildings rather than costlier building operations.

Spent \$271,000,000

The mid-Manhattan district covered by the survey embraces the territory from Thirtieth to Sixtieth streets, between the Hudson and East Rivers. During the

period between Jan. 1, 1922, and Oct. 1, 1927, a total of \$271,000,000 was spent in building construction, the report shows. This does not include \$131,000,000 in construction under way Oct. 1, but not completed.

Architects and builders, it was said, in informed circles, have presented a strong appeal for higher buildings to the State Legislative Committee, which is preparing a report to the Legislature on changes in the building laws. Extension of maximum height regulations in some parts of the city where property values are high and the space for new construction is small has been asked of the committee. One argument which is advanced in favor of taller residential structures is that cheaper housing can be provided through larger apartments which, because of their size, could be operated at a lower unit rental basis.

75 Stories Called Ideal

A detailed economic study of high buildings, recently completed by a New York economist for the American Insti-

tute of Steel Construction, fixed 75 stories as the most profitable size for buildings on the expensive property of midtown and lower Manhattan.

When the institute's study was undertaken, the 75-story building was arbitrarily taken as being beyond the maximum height to effect the greatest economic efficiency of a specific site. As all of the aspects surrounding construction and operation were investigated, the report says, it was found at 75 stories the curve of economic efficiency was still mounting upward, and, had the survey continued, a height of 85 or 87 stories might have been found even more profitable.

Office Buildings First

In studying the construction in the mid-Manhattan district, Dr. Haney reported office buildings formed "the largest single class, both in number completed and in total construction cost.

"Hotel and apartments form the next largest class in terms of cost and construction," he continued. "The construction of store and loft buildings has not been marked by as rapid an increase as that of office buildings, hotel and apartments. In number completed for the period, however, they rank second among all classes of buildings.

"In order of their total construction cost since Jan. 1, 1922, the remaining classes of buildings are: Factories, public buildings (including theatres), tenements, miscellaneous buildings, stables and garages."

NEW STEEL PROCESS WAITS ON PATENT

Prospects for the establishment of a steel industry in Alameda are being brightened by the prospects of the General Steel Products Co., and Alameda concern headed by George H. Noble, city councilman of Alameda, as president, which controls a process for making high grade steels from Pacific Coast beach sands, especially the sands of Monterey and Aptos beaches.

The process has been carried forward to where a patent has been applied for through the inventor, E. F. Waldner, Alameda resident and metallurgist, who carried his experiments through to a successful result in a laboratory at Webster street and Pacific avenues, Alameda, where an electric furnace and batteries of electro-magnetic plates have been installed.

The new process provides for making chrome, magnesite and other steels of highest grade in a single operation, the process being carried on from the initial product without interruption or change of operation. The process eliminates heavy expense of dual processes now in use.

The use of beach sand from which to extract the iron provides a limitless supply of material at little or no expense. Noble said that as soon as a patent was secured, the company will undertake manufacture on a commercial scale.

CALIFORNIA MINERAL PRODUCTION DURING 1927

Total value of the mineral production of California for the year 1927 is conservatively estimated to have been approximately \$377,205,000, State Mineralogist Lloyd L. Root reports. The estimated quantities and values for 1927 as affects the construction industry follows: \$3,475,000 (26,800,000 lbs.) copper; \$172,000 (2,540,000 lbs.) lead; \$518,000 (8,250,000 lbs.) zinc; \$350,000 other metals, including antimony, iron, manganese, platinum, tungsten; \$24,000,000 (13,000,000 bbls.) cement; \$18,500,000 crush rock, sand and gravel; \$6,500,000 brick and hollow building tile; \$464,000 (40,000 tons, crude) magnesite; \$1,250,000 other structural materials, including granite, et al.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

U. S. Steel Corporation on Jan. 19 advanced prices \$1 a ton on bars, plates and shapes for first quarter delivery only. New quotations are \$1.85 per 100 lbs., Pittsburgh and \$1.95 (Chicago).

Roadwood production for 1927 was \$191,068,000 ft., shipments were 421,296,000 ft., and sales 428,556,000 ft. California absorbed 263,016,000 ft., 80,843,000 ft. went to Eastern destinations and 75,677,000 ft. went foreign.

The Washington supreme court sustained a lower court verdict for \$28,441 damages against a Seattle contractor, who used green lumber for laminated flooring, which was attacked by dry rot.

Foundries in Sacramento and Stockton seek to have the city council ask for bids on "open specifications" when undertaking the installation of electrolier systems.

Leaving more than \$1,000,000 to his wife and five children, the will of Chas. Webster Doe, pioneer San Francisco lumberman, has been filed for probate. All real property and his stock in the California Door Co., of which he was vice president, is bequeathed to the widow, Laura Mitchell Doe. The balance of the estate goes to the children.

Electric light and power companies in the United States plan to spend a total of \$900,363,000 on new construction in 1928. The budget for the new year is one of the largest new facilities indicated in the history of the industry. "Electrical World" reports. While all sections of the country show gains, contrasted with actual expenditures in 1927, the southern states and north central states lead in the rate of growth of proposed capital expenditures.

A \$2,250,000 reserve fund from which to pay the operating expenses of California's prison camps, including the three now in operation and the several others proposed when road work is launched on a wide scale in the spring, has been created by the state highway commission. The reserve was set up from federal aid funds. Allocation of the funds among the several road camps will not be attempted until a future date.

Acting in three capacities, George B. Hegardt, was the principal speaker at the meeting of the Oakland Engineers' Luncheon Club, Jan. 20. As president of the American Association of Port Authorities, Mr. Hegardt spoke on gulf, Atlantic and lake ports. As vice-president of the National Airport Association, he told of aviation fields in the south, mid-west and east. Finally, as manager of the Oakland City Port Commission, he told of Oakland's new harbor.

An article in the January issue of the Monthly Labor Review on the provisions by trade-unions for their sick, aged, and disabled members and their dependents shows that labor organizations are expending large sums for this purpose. The expenditures of 61 national and international organizations which reported on this point amounted to about ten and one-half million dollars last year, while payments for insurance of various kinds amounted altogether to more than twelve millions. Disbursements since these unions began paying benefits and insurance total more than \$200,000,000.

The National Committee on Wood Utilization of the Department of Commerce, is now publishing its own news bulletin, under the title of "Wood Utilization News." This publication, in mimeographed form, is available to the readers of the monthly news bulletin of the Division of Simplified Practice, without cost. A request addressed to the National Committee on Wood Utilization, Department of Commerce, Washington, D. C., will be sufficient to cause one to be placed on the mailing list.

Bankers, water and power interests and others concerned will meet in San Francisco with the legislative committee on investigation of water resources, its conservation and uses. The meeting will be held Feb. 2, it is announced by Assemblyman Bradford Crittenden, chairman and Assemblyman E. G. Adams, secretary of the committee. Crittenden said that the committee would present as an example of the possibilities of state action the building of the Kennet dam in Shasta County.

Folsom Prison convicts who will work on the state highway rock crusher being installed at the prison will be paid from convict road camp funds if the law will permit. This announcement is made by B. B. Meek, state director of public works, who believes that as the rock will be used for highway construction the convicts who labor on the crusher may be classed legally as road workers. Most of the convicts employed on the highways are first offenders recruited from San Quentin Prison. If the Folsom convicts could be paid for work on the rock crusher it would help the more deserving ones to reclaim themselves.

"The test of the efficiency of any organization is going to be measured not only by its service and the quality of products but by its continual and progressive reduction in the prices of its products to the public," recently said Gerard Swope, President of the General Electric Company, in an address before the annual dinner of the Associated Business Papers, Inc. Continuing, he said: "That doesn't mean a cut-throat policy but it means the application of intelligence and of science to the problems before us; of better methods being introduced in industry, so that without reducing the earnings of labor we can still reduce the selling prices to the public. Simplification is one of the better methods now being adopted by industries in a program for better service to the public."

California's \$47,000,000 highway program, authorized by the state highway commission recently when it adopted a budget for expenditure of the new construction and maintenance funds, will shortly be launched and will proceed with all expediency consistent with good engineering. B. B. Meek, state director of public works, announces. Meek's announcement followed a conference with Governor Young on the possibility of providing early employment for laborers through highway construction activities. Six million of the \$15,100,000 anticipated revenue from the 1 cent gasoline tax increase, will be under contract within the first six months of the current year. The highway department engineering forces have been instructed to proceed with plans and specifications for contemplated work with all rapidity consistent with efficient work.

Plans for a seventy-five-story "temple of peace" in honor of Benjamin Franklin, which would stand in midtown New York and would surpass in height any building yet erected were announced at the fifth annual meeting of the International Benjamin Franklin Society in New York, Jan. 23. The preliminary plans considered were drawn up by Lieutenant Commander Franklin Bache Huntington, a descendant of Franklin. They call for a granite structure 850 feet in height, costing approximately \$8,000,000. A thirty-story office building would be surmounted by a forty-five-story tower, 100 feet square surmounted by an illuminated dome. The structure would be encircled by thirteen columns representing the original colonies, with panels; statues and bas reliefs symbolizing the more important achievements and interests of Franklin's life.

Successful demonstration of the permanency of expanded metal or metal lath and its resistance to earthquake shock is said to have caused a sharp increase in the use of such building material in Chile the past few years, reports Assistant Commercial Attache Robert G. Glover, Santiago, Chile, to the Department of Commerce. Importations of expanded metal (metal lath) into Chile have increased from a total of 229,917 kilos brought in during 1924 to 636,917 kilos received in 1926, a three-fold increase. Over this period it is estimated that the United States has furnished about 85 per cent of all of this product received, with the remaining 15 per cent being divided between Great Britain, Germany and Belgium, in the order named.

Payroll holdups in Chicago within the past few months have led indirectly to a trial of the five-day week in the Chicago building trades. The Plasterers' Union has negotiated an agreement with the Plasterers' Employment Association for a three months trial of the shorter working time. Twelve of the city's largest plaster contractors who have had their payrolls taken in holdups, have started to pay by check. Union rules provide payment must be made in currency. The dispute over the methods of payment led to a compromise which called for trial of the five-day week. Under the experiment the plasterers will be paid at the same rate as at present—\$13 a day. Thomas Dowling, head of the Journeyman Plasterers' Union, said that if the plan is proved not feasible by April 1, the men will return to the old arrangement.

Another activity arising out of the World War—the claims of contractors for reimbursement of losses alleged to be due to war condition—virtually has been closed by the government. At the Treasury it was learned that there still are pending but 57 claims awaiting audit by experts of the various departments and two claims awaiting court decision, out of a total of 340 claims originally filed. Contractors and others in all have demanded reimbursement of \$3,292,831, of which something over \$2,640,000 has been paid. Congress has appropriated a total of \$2,650,000 for reimbursement of contractors, the sum virtually being exhausted. Additional appropriation possibly will be necessary. Ninety-two claims involved \$529,848. Those awaiting audit aggregate \$109,359 and the two in court \$22,931.

Competitive bids on state highway work during the last three months of the calendar year 1927 saved California \$225,203 or 13 per cent of the contract prices, the State Department of Public Works reports. During the three months the highway division offered 32 projects for bids. Low bids of the 211 submitted on all projects aggregated 1,439,616 against \$1,664,819 estimated by the highway department engineers as the cost of the work.

A plan to reduce the high cost of school designing and construction in San Francisco is proposed. The plan will be included in the final report of the special committee appointed a year ago to investigate the cost of school designing. Suggestions expected to be made in the report to the Board of Supervisors are: Reorganization of the present bureau of architecture and the enlargement of its sphere of activity to include architectural designing of all schools and inspection while under construction. Standardization of classroom design. Provision for inspection by architects responsible for building, instead of by the city. Supervisor Marks, chairman of special committee, named to study the architectural cost of school.

According to newspaper dispatches from Washington, D.C., unmistakable evidence of a stiffening of European competition was reported to the House Subcommittee on Appropriations by Dr. Julius Klein, director of the Bureau of Foreign and Domestic Commerce. He said that he had found on the Pacific Coast the greatest alarm regarding the steel situation, because of competitive difficulties. Recently there has been a marked increase in European exports of steel to the Pacific Coast by way of Panama Canal. Importations of German and Belgian steel to certain Pacific Coast points have jumped in cases nearly 100 per cent in the past twelve months. He declared these developments typical of what may be expected in certain lines of industries affected by the development of European cartels or international trusts.

Despite the handicap of an unfavorable market, total pine timber cut in the Klamath Basin, Ore., during 1927 was only slightly under that of the preceding year, it is revealed in a comprehensive survey of the activity of twenty-six operations. Total cut for 1927 was 435,700,000 feet, a production figure contributed by twenty Klamath County sawmills and six plants north of Weed, Calif., considered part of the Klamath Basin lumber territory. The Pelican Bay Lumber Company led all other mills with an aggregate cut of 65,000,000 feet. Ewauna Box Company was second, with 63,000,000 feet, and Forest Lumber Company, Pine Ridge, third with 40,000,000.

The art of plumbing, once a neglected subject, is receiving an increasing amount of attention. Significant of this growing interest is the holding of a two-day Heating and Plumbing Institute this month at the University of North Carolina. The School of Engineering of that institution working in co-operation with the North Carolina Association of Plumbing and Heating Contractors, has invited architects, health officers, waterworks officials, plumbers and others, to come together for the purpose of hearing discussions by qualified experts. The program is comprehensive, including such topics as the relation of plumbing to public health, chemistry and physics of plumbing, hydraulics of plumbing systems, and a discussion of a model plumbing code by William C. Groeninger, member of the Sub-committee on Plumbing of the Department of Commerce and chairman of the Research Committee of the American Society of Sanitary Engineering. Heating and Insulation will also be taken up at the meeting.

TRADE NOTES

M. J. Enos and M. A. Dominick will operate from 1450 Lincoln street, Santa Clara, under the firm name of Santa Clara Lumber Co.

V. E. Burch, 629 Hillsborough St., Oakland, will operate from 1137 E-Fourteenth St., Oakland, under the firm name of Acme Builders.

Brown & Pengilly announce change of firm name and will hereafter operate as the Diamond Electrical Manufacturing Company with headquarters at 1264 Folsom street, San Francisco.

John M. Mace, formerly of Camino and Oroville, has leased timber lands of the Forest Service, and will erect a box factory and mill about 5 miles east of Georgetown in the El Dorado National Forest.

Reardon Co. of Calif., manufacturers of cold water paints, has been incorporated in Los Angeles with a capital stock of \$100,000. Directors are: W. W. Cadwallader, Arthur J. Lynch and Leslie A. McLean.

Superior Culvert & Flume Manufacturing Co., marketing all type of corrugated iron culverts and flumes, has leased quarters in Union street near Nineteenth St., Oakland, and will shortly commence operations. John A. Lambie of Los Angeles will manage the plant.

Coast Rock & Gravel Co., Grant Rock & Gravel Co., and E. C. Martin of the Martin Construction Co., have been admitted to membership in the Fresno Builders' Exchange, it is announced by Harry Cayford, secretary of that body.

A. Y. Sarony, waterproofing expert of New York City, for 14 years with Toch Bros., has joined the forces of J. E. Dwan, Inc., Los Angeles, building specialty contractor. He will have charge of the waterproofing department.

Will Dresbach, planing mill operator and lumber dealer, B and Third Sts., Petaluma, has leased lands and buildings in Lower Third St. of that city, and will shortly dismantle equipment and move stocks to the new location.

Klinch-Lock Lath & Steel Studding Corp., plaster lath manufacturers, of Los Angeles, capitalized for \$1,000,000 has been incorporated in Los Angeles. Directors are: O. J. Boos, Jos. Strand and Hans Westberg. Headquarters will be maintained at 3005 East 25th St., Los Angeles.

Rural Electric Co., Ray Cound, manager, has opened offices and shop quarters at Elk Grove, Calif., and will specialize in motor and electrical repairs, motor winding, etc. Cound was formerly with the Pacific Gas & Electric Co., and the Western States Gas & Electric Co.

Fairbanks, Morse & Co., Chicago, have recently acquired complete sales rights to the Price turbine pump manufactured and marketed for many years by the G. W. Price Pump & Engine Company, San Francisco. Activities of the Price organization have been confined largely to California and the Pacific Coast territory so that the new arrangement will make the pump available in all territories reached by Fairbanks, Morse. The pump is for deep well pumping service and is available in any number of stages, depending upon the working head and the amount of water desired.

ALONG THE LINE

Coast Highway Association will hold its annual meeting in Santa Barbara February 18.

Rollin S. Tuttle, architect, announces removal of offices from 363 Seventeenth St. to 505 California Bldg., Oakland.

R. De Chenne, formerly associated with Jas. W. Plachek, Berkeley architect, has opened quarters at 4128 Gilbert St., Oakland, for the practice of architecture.

John C. Nowell, retired executive of the Pacific Telephone & Telegraph Co., has been appointed city manager of Hillsborough, San Mateo County, at a salary of \$5000 a year.

Godfrey Edwards, 54, general contractor of Los Angeles, died in that city Jan. 23. Among the more notable construction projects completed by Mr. Edwards was the Coliseum and the Shrine Auditorium in Los Angeles.

A. E. Doyle, 51, noted architect of Portland, Ore., died in that city Jan. 24 after an extended illness. Mr. Doyle designed plans for many of Portland's skyscrapers.

Harry McClelland, Stockton attorney, has been named right-of-way agent of the legal department of the California State Highway Department, succeeding Frank B. Durkee, who leaves the state service February 1 to engage in private practice.

George M. Whitaker, 84, pioneer building contractor of Bakersfield, died in that city January 15, following a long illness. Whitaker retired from active business more than ten years ago as the result of poor health.

P. J. Parker of the contracting firm of Parker & Banfield, Portland, Ore., was killed in an airplane accident near Montpelier, Ohio, recently. His partner, C. H. Banfield, was seriously injured at the same time.

B. C. Viney has opened an office in the Land Title Bldg., Santa Cruz, and will engage in designing and supervising of buildings. Previous to entering business for himself, Mr. Viney was associated with Allen C. Collins, Santa Cruz architect.

Walter Rice addressed the Stockton Chapter, American Association of Engineers at the Jan. 20 meeting. His topic was "Present Day Fiction and Philosophy." J. B. Terrell presided in the absence of C. L. White, president of the chapter.

William Starrett Dinwiddie Jr., of Berkeley, son of W. S. Dinwiddie, engineer, died in a San Francisco hospital Jan. 21, following an operation and lingering illness. He was born in Plaquemine, Louisiana, June 18, 1896, and was graduated from the University of Michigan with high honors as a civil engineer.

Frederick L. Olmstead, Los Angeles city and park planner, has been appointed by the State Park Commission to survey California lands suitable for state parks. Olmstead will start his surveys in the South and then in the Northern section of the state. His report will be used as a basis for seeking a proposed \$6,000,000 state park bond issue. The last Legislature appropriated \$15,000 for making the survey.

STATE BUILDERS' EXCHANGE TO CONVENE IN STOCKTON IN APRIL

About 100 representatives of Exchanges in various parts of the state attended the meeting of the State Builders' Exchange at Fresno Jan. 14. Sessions were held morning and afternoon and the meeting closed with a banquet in the evening. The next meeting will be held at Stockton in April, and the fall meeting will be held at Santa Barbara in September.

The uniform building code prepared by the Pacific Coast Building Officials' Conference was discussed. It was brought out that Los Angeles and San Francisco are proceeding to draft their own codes, and it was the consensus of opinion that as building regulations must fit local conditions a standard code, rather than a uniform code, should be set up for guidance of municipalities.

Uniform Wage Scale

San Jose Exchange brought up the question of a uniform wage scale for the state. It was pointed out that the wages of 19 building trades in San Francisco were higher than in Los Angeles, while wages of three crafts in Los Angeles were higher than in San Francisco. Further consideration of the matter was referred to the committee on industrial relations composed of H. M. Sweeney of Santa Barbara; George T. Bowen, San Francisco; W. T. Loesch, Pasadena; R. O. Summers, San Jose, and J. M. Burke, Stockton.

It was decided to appoint two committees on organization, one for the northern and one for the southern district, to promote the organization of Exchanges in cities where none have been established. These committees will be appointed by the president, J. M. Sanford of Richmond.

A resolution was adopted commending the state board of education for expanding the vocational education work in the public schools of the state.

Appreciation Expressed

Among resolutions of appreciation passed by the delegates the following were included:

"That this meeting looks with appreciation on the work being done and proposed by the State Board of Education for the promotion of vocational education and we strongly recommend and will do everything we can to support the development of this phase of education among the youth of the state."

"That this meeting wishes to express sincere and hearty appreciation to the San Joaquin Light & Power Co. for the foresight and interest it has shown in realizing the value this organization should be to the whole construction industry of the state and given expression to that idea in the very practical and helpful way of putting this beautiful auditorium and its furnishings at our disposal for these meetings."

"This meeting desires to express its great appreciation of the generous way in which the Fresno Builders' Exchange has given of its time and money in order to encourage this latest organization of the building industry, believing that in doing so they are making worth while history for California."

Meet Goes To Stockton

The Stockton delegation, headed by Wm. F. O'Keefe, president of the Stockton Builders' Exchange, made a grand fight for the next meeting of the state organization. Santa Barbara had a big

backing for the meeting but due to the booster spirit of the San Joaquin Valley organization the Santa Barbara boys admitted Stockton was the place for the next session.

Banquet tables at the evening session were covered with ship designs featuring the deep water project for Stockton harbor.

Those In Attendance

Fresno — T. M. Robinson, Harry R. Cayford, E. R. Beatty, J. G. Teeple, James Anton, M. C. Poulsen, L. L. Ellis, A. Segel, C. E. McMullin, E. H. Mellenkamp, Otto W. Baty.

Stockton — Wm. F. O'Keefe, President; L. S. Peletz, Treasurer; E. M. Lewis, Secretary; E. L. Seiler, U. J. Lanen, J. F. Ecker, H. Reynolds, J. M. Burke, chas. Scott.

San Jose — J. A. Wagner, Treasurer; Wm. Loos, President; R. O. Summers, L. D. Canfield, B. Gallichotte, W. L. Howe, G. M. Latta, W. M. Hermen, Wm. F. Serpa.

Pasadena — Wm. F. Loesch, President; Geo. W. Israel, Secty.-Mgr.; H. O. Clarke, Geo. L. Throop, John B. Dodge.

San Francisco — W. H. George, President; A. H. Wilhelm, Geo. T. Bowen, D. B. Farquharson.

San Pedro-Wilmington — S. M. Cope, President; Henry F. Lembke, Mgr.; R. E. Britton, Wm. B. Oakes.

Santa Barbara — A. J. Nolder, J. A. Clarey, R. L. Richardson, H. L. Sweeney.

Richmond — P. H. Sanford, J. K. Eakle, Carl Overaa, E. H. Higgins.

Long Beach — J. W. Bowman, Chas. W. Pettifer, J. E. Mackie.

Los Angeles — Ralph E. Homann, Fred Goccell.

Miscellaneous — Oakland, E. W. Shaw; Santa Ana, Morris Shelton; Santo Monica, Robt. E. Peterson; Carmel, M. J. Murphy; Monterey, A. B. Jacobsen; Berkeley, Robt. Greig.

INVENTOR CANNOT STOP HIS PERPETUAL MOTION MACHINE

According to newspaper dispatches from Belgrade, a claim to have invented a perpetual motion machine has been put forth by a young Serb, Asim Hajdarovitch. A Bosnian Mohammedan by religion, he confesses to total ignorance of physics. Having invented his perpetual motion machine, his chief problem now is how to stop the contraption once it has been started. The machine comprises a number of wheels with certain weights, so related that when the first wheel is started the others gradually assume a terrific speed so that various devices are necessary to stop them. Young Hajdarovitch does not claim his machine is perfect, but he does argue it is practical. He says the idea came to him when he saw a wheel pumping water out of a well.

WELOED BRIDGE PLANNED

An electric arc-welded, rivetless steel railroad bridge, 175 feet long, is to be built across the water-power canal at Chicopee Falls, Massachusetts. Of this structure, the first of its kind, Gilbert D. Fish, consulting structural engineer, says: "The bridge will be virtually a one-piece structure; every joint will be solid and immovable. Only 80 tons of steel are needed for the welded job; 120 tons would be necessary if it were riveted."

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 718, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1440-S JUNIOR ENGINEER, preferably mining or civil graduate with some practical experience for a position in Columbia, S. A., with dredging company, requiring surveying, mapping and estimating. Apply by letter with references. Salary, \$150-200 plus expenses on two year contract. Headquarters San Francisco.

R-1447-S ASSISTANT CONSTRUCTION SUPERINTENDENT, preferably with technical training and some general construction experience which includes work on wet ground and water. Must be familiar with timber structures and pile foundations. Salary about \$180 a month. Temporary but may lead to extended engagement. Location Alameda County. Apply by letter.

K-6-X-3992-CS SHOP SUPERINTENDENT, for company manufacturing auto headlights. Must be experienced in illumination along this line and be able to redesign lamp so that it will possess all state requirements. Apply by letter. Location Colorado.

R-1431-S SALES MEN, to sell electrical appliances for public utility company. Some positions for gas appliances and heating men. Technical graduates preferred for advancement based upon sales record. Northern California territory involves traveling and men with cars preferred. Small salary and commission. Headquarters San Francisco.

R-1443-S MILL SHIFT BOSS, to erect and operate Oliver continuous filters for mining company in West Africa (Gold Coast). Must be experienced on this equipment. Salary open, 6 months contract with option of extending to 12 months. Headquarters San Francisco and London. Apply by letter with statement of experience and references.

IRON ORE SHIPMENTS

The iron ore mined in the United States in 1927, exclusive of ore that contained 5 per cent or more of manganese in the natural state, is estimated by the United States Bureau of Mines, Department of Commerce, at 61,778,000 gross tons, a decrease of 9 per cent as compared with that mined in 1926. The ore shipped from the mines in 1927 is estimated at 61,325,000 gross tons, valued at \$153,641,000, a decrease of 11 per cent in quantity and of 12 per cent in total value as compared with the figures for 1926. The average value of the ore per gross ton at the mines in 1927 is estimated at \$2.51; in 1926 it was also \$2.51. The stocks of iron ore at the mines, mainly in Michigan and Minnesota, apparently increased from 9,565,880 gross tons in 1926 to 10,444,000 tons in 1927.

1927 PIG IRON PRODUCTION

Pig iron production in 1927 amounted to 36,232,306 tons, or 8 per cent below the output of 39,373,000 tons in 1926. On January 1 there were 169 furnaces in blast with estimated daily capacity of 86,825 tons, against 170 on December 1, with daily capacity of 87,700 tons.

FOREST ROAD FUNDS PROVIDED

Apportionment of \$7,500,000 for road improvement in National Forests has been approved by Secretary of Agriculture Jardine. The fund was authorized by congress in 1926, and will be disbursed during the fiscal year beginning July 1, 1928. Forest roads in Idaho will receive \$1,151,000 and in California \$1,112,155. Other large allotments are Oregon, \$1,074,899; Montana, \$608,151; Washington, \$633,879, and Alaska, \$490,844.

COWELL CEMENT PLANT AMONG THOSE TO WIN 8-TON SAFETY TROPHY

(By J. ALTON REITZEL)

Ten cement mills operated throughout 1927 without a lost time accident. This record has never been equalled in the entire history of safety work in the cement industry. In 1926 only tow mills were successful in completing a year's work free from accidents; two plans similarly free from mishaps in 1925 and one in 1924.

Each of these ten plants will receive the Portland Cement Association concrete safety trophy. The award takes the form of an eight-ton sculptured monument, appropriately inscribed, testifying to the mill's record. These awards become permanent possessions of mills winning them; in case a mill repeats its records, additional inscriptions are placed on the trophy already in its possession.

Cement mills winning safety awards for 1927 are: Martins Creek, Pa., and Ironton, O., plants of the Alpha Portland Cement Co.; Belleville, Ont., and Hull, Que., plants of the Canada Cement Co.; Bonner Springs, Kan., mill of the Kansas Portland Cement Co.; Cowell, Cal., plant of the Cowell Portland Cement Co.; New Castle, Pa., and Iola, Kan., plants of the Lehigh Portland Cement Co.; San Antonio mill of the San Antonio Portland Cement Co.; and the Duluth, Minn., mill of the Universal Portland Cement Co.

Among these are two organizations which have won trophies in previous years—the San Antonio plant in 1923 and the Duluth Universal plant in 1925.

A study of the accident chart showing the record for the past three years will indicate how intense the safety work has been during 1927. Every month during the past year shows a drop in accidents over the corresponding month in either of the preceding years.

As will also be noticed by the diagram, the lowest accident figure is in June. This is the month of the concentrated drive against mishaps, sponsored in both 1925 and 1927. In 1926, when the June campaign was not conducted, mishaps numbered 204. In 1925 the June figure was 92 and last year it was reduced to 68.

Here are some of the high-lights in the record for 1927:

133 mills operated during the entire month of June without a lost time accident.

50 plants of the above number had never attained a clear record during any previous month.

30 plants operated throughout January, February and March without an accident.

26 plants suffered no accidents during the first six months of 1927.

17 plants had no accidents in 10 months.

13 plants were without mishaps in 11 months.

10 mills completed the year to win trophies.

All member plants, then in operation, completed the month of September without a fatal accident, the first month without a fatality in the history of the Portland Cement Association.

These plants completed the month of June with but one fatal accident, which established a record for June and for all months up to September.

The following facts are noteworthy in connection with the association's June no-accident campaign:

Eighty-five company executives supported the June campaign with their personal written pledges.

Two thousand two hundred superintendents, foremen and safety committee men supported this executive action by

making similar pledges and actively prosecuting the campaign.

Thirty-three thousand workmen signed and returned individual pledge cards, promising to work without injury to themselves or others.

Sixty-eight accidents were suffered—only 68 pledges out of a total of 33,000 were forgotten or disregarded, these amounting to about one-fifth of one per cent of the total. This record shows cement mill workers about 99.83 per cent alert and loyal—undoubtedly one of the best showings attained in any industry.

With nearly all of December accident figures reported to the association it is estimated 1633 lost time accidents were suffered by the industry in 1927 and 30 fatalities. In 1926, 2221 lost time mishaps were recorded with 24 fatalities.

While this reduction is startling in itself another factor enters which makes figures even more significant. The 1927 safety record represents the experience of 142 mills with a far greater hazard than is represented by the 1926 figures, covering only 124 plants.

Indications are that 154 mills will report their accidents to the Portland Cement Association during 1928. The association keeps a fine statistical record of accidents—by the use of these figures a definite check can be kept on mishaps and steps can be taken for their elimination. For example, screw conveyor accidents recur each year at a certain period. But a study of the permanent record, efforts can be placed directly on this problem and effective safety work realized.

Plans for 1928 are already getting under way. No radical departures are to be inaugurated from methods used in last year's safety work. Two types of drives will be used—the co-operative and the competitive.

The June no-accident campaign will be staged again this year. This type of co-operative scheme showed excellent results in 1927 and will be further developed this coming June. Under this plan every man co-operates with all his fellow workers—the record depends on the best efforts of every man in order that his mill may keep the safety banner waving from the flag staff.

Already bulletins and posters have been mailed plants enlisting them in the 1928 trophy contest. By this method every plant is in direct competition with every other to win the coveted safety award betokening a year of safe operation.

Although 1927 has been a banner safety year, A. J. R. Curtis, assistant to the general manager, Portland Cement Association, in charge of accident prevention, has this to say about the cement industry's accident effort: "We have had a good year—but zero is the limit with us; we will not be satisfied until every man in every mill is a safe worker."

MAJOR GENERAL GOETHALS DEAD

Major General George W. Goethals, U. S. A., retired, builder of the Panama Canal, died in his seventieth year at New York Jan. 21. General Goethals was chief engineer in charge of Muscle Shoals and the Panama Canal construction. He retired in 1916 but was recalled in 1917 as acting quartermaster general. He was later appointed director in charge of all war department purchases of railroad oversea shipments and all troop supplies.

HERE — THERE — EVERYWHERE

Albert E. Boynton, managing director of the Industrial Association of San Francisco, left Jan. 19 for a tour of the United States and thence to Jacksonville, Fla., where he will attend the Twelfth Semi-Annual American Plan Open Shop Conference, to be held in that city Feb. 2, 3 and 4.

In response to a request by the painters of Redwood City, the Sequoia Evening School in that city, has started a course for painters which will include mixing of colors, color effect, interior decorating and other practical painters' problems. Classes are held in the machine shop lecture room of the high school mechanical arts building.

Six hundred Frigidaire supervisors, dealers and salesmen will meet in San Francisco February 11, at Scottish Rite Hall to discuss electric refrigeration problems of 1928. This meeting is one of a series of eight regional conventions to be conducted throughout the United States in February.

A conference of all international labor unions to further organized labor's campaign for legislation to prohibit the use of injunction as strike breaking measures has been called by the executive council of the American Federation of Labor to meet in Washington on February 7. On the hope of obtaining favorable action at the present session of congress, the conference, which was authorized by the federation at its last convention in Los Angeles, will meet simultaneously with congressional committee hearings on bills dealing with the subject already introduced.

Plans for the adoption of a uniform plumbing ordinance by cities of San Mateo County were discussed in San Mateo, January 18, at a meeting of building inspectors, contracting plumbers and representatives of the Journeymen Plumbers' and Steam Fitters' Union of San Mateo. Another meeting will be held Jan. 31 in the office of Building Inspector Maurice Powers, San Mateo, for further discussion. It is proposed to call a meeting of all city attorneys in the county to pass on the legality of the proposed code.

"Bank Policy and Business" was the topic of an address delivered by Henry C. Cutting, banker, at the Jan. 17 meeting of the Berkeley Builders' Exchange. He urged the placing of bank credit under public control like other public utilities and described the present system of bank loans, criticizing its many flaws. He told of the non-political organization, the Federated Tribes of Pic-a-owish, which will co-operate with and political party that will support the public control of bank credit.

Architect Joseph J. Blick of Pasadena, accompanied by his wife and daughter, recently sailed on the Dollar Line steamer President Wilson, on a trip around the world. They will be gone six months, visiting the Orient, India, Egypt, the Holy Land and Europe.

Carl W. Cook, San Jose building contractor, fell forty feet to his death while inspecting a building in course of construction in S-First St., San Jose. Mr. Cook was a native of Michigan, aged 44 years and was in the general contracting business in San Jose for the past fourteen years. His widow, one daughter and a son survive.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

ENGINEERS ELECT

Phil Schulyer was chosen president of the Society of Engineers at the regular monthly meeting in the Blue Room, Palace Hotel, San Francisco, Jan. 10. Glenn B. Ashcroft was elected vice president, Wm. G. Rawles, treasurer, and Albert J. Capron, secretary. Hans Graff and A. A. Robish were elected directors. With these officers the Society of Engineers, having a membership of 503 in the San Francisco Bay District, is planning on a profitable and big year in 1928.

LOS ANGELES ARCHITECTS ELECT

Pierpont Davis was installed as president of the Southern California Chapter of the American Institution of Architects at the thirty-third annual dinner meeting of the chapter, Jan. 10. Other officers elected were: vice-president, Edgar H. Cline; secretary, A. S. Nibecker, Jr.; treasurer, Fitch H. Haskell; director, William Richards. Alfred W. Rea and Sumner M. Spaulding are the two hold-over directors. Retiring president David J. Witmer presided at the dinner meeting and Sumner Hunt was host of the evening.

W. W. CAMPBELL ELECTED CHIEF OF SACRAMENTO BUILDERS

Walter W. Campbell, president of the Campbell Construction Co., has been elected president of the Sacramento Builders' Exchange. W. B. Scollan was elected vice president, L. F. Gould, treasurer, and L. S. Patterson, secretary. The other directors who will serve during 1928 are L. C. Hunter, Frank P. Maloney, H. W. Robertson, C. Prudhomme, Harold Dixon, Harry Johnson, Joseph Shepard, W. L. Triplett.

WASHINGTON STATE ARCHITECTS ELECT OFFICERS

Sherwood D. Ford of Seattle was named president of the Washington State Chapter, American Institute of Architects, at the closing session of the annual interscholastic conference and convention held Jan. 13 and 14 at Olympia. Mr. Ford succeeds Architect Harlan Thomas. Other officers named include: F. A. Naramore, first vice-president; Herbert A. Bell, of Tacoma, second vice-president; G. Albin Pehrson, Spokane, third vice-president; J. Lister Holmes, secretary; A. M. Allen, treasurer, and Clyde Granger, on the board.

SACRAMENTO MATERIAL DEALERS ELECT OFFICERS

Martin C. Bolts, assistant cashier of the Bank of Italy in Sacramento, is the new president of the Material Dealers' Credit Association of Sacramento for the term ending January, 1929.

O. A. Close of the Golden Gate Atlas Cement Company was elected vice president, and J. S. Spellman of the Superior Building & Loan Association was chosen secretary-treasurer. The Board of Directors includes Allyn L. Burr and Curtis H. Cutter, in addition to the officers. G. H. Bate is manager of the association.

Although in existence for only three years, the association, which is composed of leading material dealers, bankers and building and loan associations, has accomplished much, Bolts said, in ridding the city of irresponsible contractors and making it easier for material dealers and loan associations to extend credit.

SAN JOSE ENGINEERS ORGANIZE AMERICAN ASS'N. CHAPTER

With thirty members signed up, the San Jose Chapter, American Association of Engineers, was organized in that city January 19. W. H. Ball was named president; John S. Ross, vice president, and Michael Antonacci, secretary-treasurer. The chapter will hold weekly luncheon meetings at the Commercial Club. The meeting closed with a lecture on hydro-electric power development in California by Capt. George B. Baldwin.

VENTURA EXCHANGE ELECTS

Annual election of officers of the Ventura Builders' Exchange resulted as follows: A. H. Stovall, president; O. R. Brown, vice-president; R. Hawthorne, (re-elected) treasurer and Walter J. Biehl, secretary. Directors are: Roy Meyers, E. L. Vehlou, Joe Noyes, G. E. Penn, R. Hawthorne, A. H. Stovall, Hal Albro, O. R. Brown, M. A. Hall, W. H. Bruin and C. A. Markley.

SAN JOSE BUILDERS' EXCHANGE ELECTS OFFICERS

William Loos was elected president of the San Jose Builders' Exchange at the annual meeting of that body. T. H. Price was chosen vice president; Roy M. Butcher, secretary; J. A. Wagner, treasurer, and L. D. Canfield, sergeant-at-arms. William Howe is manager of the Exchange.

Members of the Exchange reported a fair business year in 1927 and were exceedingly optimistic in their outlook for the present year. A particularly good year was forecast for the Exchange which will move into new quarters fitted especially for its needs on South Third street. The exchange has already leased the second floor of the structure. Offices, renting spaces, blue-print department, lobby, assembly room and estimating room will be provided.

Meetings of the Exchange are held the first and third Wednesday of each month.

EAST BAY PROGRESS VIA THE AMERICAN PLAN

The close of 1927 marks the seventh year in the East Bay District—years almost completely free from industrial disputes and years of unprecedented industrial development, according to L. E. Crawford, secretary of the East Bay Industrial Association.

During the year the free employment bureau of the association placed more than 9200 men, making a total of over 80,000 men placed since its establishment in 1921. The bureau is in a position to provide skilled workers in any line and is a very important adjunct to the American Plan in that it removes the job control from the walking delegate and enables the men to secure employment irrespective of their affiliations, according to Crawford. The service is free to employer and employee.

Prospects in the East Bay District for the year 1928 are exceedingly bright, Crawford says. No labor difficulties are in sight and an extensive building program is now under way with many large projects to start in the near future. Over \$31,000,000 worth of American Plan building construction and more than 125 new industries is part of the 1927 record.

HERE — THERE —
EVERYWHERE

Electrical inspectors of Southern California will hold a meeting in Santa Barbara March 14.

The next regular meeting of the Orange County Builders' Exchange with headquarters in Santa Ana, will be held Feb. 7 at Newport Beach. Refreshment will be served at the meeting.

The Inglewood city council has voted to eliminate from the new plumbing ordinance a provision permitting the use of cement sewer pipe for house connections with main lines of the streets.

Fresno Chapter, American Association of Engineers, at the February 8 meeting will discuss a proposal to change the organization to permit affiliation of all engineers, regardless of other organizations to which they might belong.

Wm. H. Feigenson, general contractor, has been elected president of the Portland, Ore., Builders' Exchange. Harry Huer was elected vice president; R. F. Arndt, secretary, and Fred Shearer, treasurer.

California Certified Boiler & Elevator Inspectors will hold the 1929 convention in San Francisco. An invitation to hold the meet in San Francisco was extended to the organization by Jas. Rolph Jr., Mayor of San Francisco.

The National Brick Manufacturers Association will hold its annual convention at the Ambassador Hotel, Atlantic City, N. J., Feb. 6, 7 and 8. The Common Brick Manufacturers Association of America will hold its annual meeting at the Washington Hotel, Washington, D. C., Feb. 13 to 17, inclusive.

Next regular quarterly meeting of the California State Association of Concrete Pipe Manufacturers will be held in Visalia on a date to be set in April. The meeting will be attended by about one hundred and fifty members from every section of the state.

A proposed amendment changing the method of installation of officers was discussed at a recent meeting of the Modesto Chapter, American Association of Engineers. It will be acted upon later. The amendment would make nomination of officers by letter instead of by a committee.

In order to clear up obsolete sections of the city building code relative to seating in theatres and public buildings, the Sacramento city council has adopted a number of amendments. The changes pertain chiefly to cross aisles, but do not decrease the seating capacity of any public building. The need of changes came to the attention of the authorities in checking plans of the proposed Orpheum Theatre.

Bakersfield city council has amended the license ordinance to eliminate the license of \$100 per annum levied upon business houses selling electrical appliances. Under the unamended ordinance the license fee was assessed on "all businesses constructing, installing, altering or repairing electrical wiring and on all businesses selling or offering for sale electrical appliances." The change eliminated the latter classification and did not stipulate the fee to be charged under the first classification. According to members of the council the license fee of the first classification is stipulated elsewhere in the ordinance.

Building News Section

APARTMENTS

Reinforcing Steel Concrete Awarded.
APARTMENTS Cost, \$—
SAN FRANCISCO. NE Liberty and
Sanchez Streets.
Five-story and basement Class C apart-
ment building (36 apts.)
Owner — A. Hansen, 455 Laguna St., San
Francisco.

Architect — Clausen & Amandes, 710
Hearst Bldg., San Francisco.
Contractor — E. V. Lacey, 710 Hearst
Bldg., San Francisco.
Reinforcing Steel—Fredericks Steel Co.,
150 California St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$55,000
OAKLAND, Alameda Co., Cal. Ivy St.
Three-story Class B apartment building
(50 rooms, all modern conveniences).
Owner—Ray Johnson.
Architect — Douglas Stone, 354 Hobart
St., Oakland.

Completing Plans—Contract Awarded.
APARTMENTS Cost, \$80,000
OAKLAND, Alameda Co., Cal. Cleveland
Ave. near Park Blvd.
Three-story frame and stucco apart-
ment building (24 3-room apts.)
Owner—Haustader & Barr, Oakland.
Architect — C. C. Dakin, 2083 Harrison
Blvd., Oakland.
Contractor — Barr & Sons, 900 Everett
St., Oakland.

Completing Plans.
APARTMENTS Cost, \$45,000
OAKLAND, Alameda Co., Cal. E-14th
Street.
Four-story frame and plaster apartment
building (24 2 and 3-room apts.; all
modern conveniences).
Owner—E. M. Balfour.
Architect and Manager of Constr.—Mc-
Wethy & Greenleaf, 2910 Telegraph
Ave., Oakland.

Plans Completed.
APARTMENTS Cost, \$70,000
ALAMEDA, Alameda Co., Cal. Location
Withheld.
Three-story frame and plaster apartment
building (3 2-room and 1 6-room
and 13 3-room apts.)
Owner—Walthall & Darnell, 1423 Park
St., Alameda.
Architect and Manager of Constr.—Mc-
Wethy & Greenleaf, 2910 Telegraph
Ave., Oakland.
All modern conveniences will be in-
stalled.

Plans Completed.
APARTMENTS Cost, \$30,000
BERKELEY, Alameda Co., Cal.
Three-story frame and stucco apartment
building (12 2 and 3-room apts.)
Owner and Builder—J. H. Collins, 842
Creed Road, Oakland.
Architect — Hutchison & Mills, 1214
Webster St., Oakland.
Sub-bids will be taken soon. Building
permit applied for.

Contract Awarded—Sub-Bids Being Taken
APARTMENTS Cost, \$180,000
SAN FRANCISCO. SW Sixteenth Ave.
and Lincoln Way.
Six-story steel frame and concrete Class
C apartment building (90 rooms, 2
and 3-room apts.)
Owner—Lincoln Investment Co.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.
Contractor—J. Arvid Johnson, 1043 Russ
Bldg., San Francisco.

SUB-Bids Being Taken
APARTMENTS Cost, \$40,000
BERKELEY, Alameda Co., Cal. Hilgard
Ave. bet. Scenic and Euclid Aves.
Three-story brick veneer apartment
building.
Owner & Builder—J. F. Whitehouse, 1240
Moraga Road, Oakland.
Architect—Clay N. Burrell, American Bk.
Bldg., Oakland.

Reinforcing Steel Contract Awarded.
APARTMENTS Cost \$75,000
SAN FRANCISCO. NE Gough and Fern
ave.
Six-story and basement reinforced con-
crete bldg., 36 apts.
Owner & Builder—A. Penziner, 750 Tay-
lor St.
Plans by owner.
Reinf. steel—Soule Steel Co., Rialto Bldg.
As previously reported, structural steel
awarded to Golden Gate Iron Works, 1541
Howard st.

Preliminary Plans Being Prepared.
ALTERATIONS Cost \$60,000
SAN JOSE. Santa Clara Co., First st.
Alterations and additions to residence
(addition of 2 wings for apartments).
Owner—Withheld.
Architect—Wolfe & Higgins, Realty Bldg.,
San Jose.

LOS ANGELES, Cal.—Architect J.
Martyr Haenke, 1120 Subway Terminal
Bldg., is preparing working drawings for
a 12-story, class A apartment hotel to
be erected on Highland ave. near Frank-
lin ave. for a corporation now in process
of formation. The site is 200x160 ft. The
building will contain 12 3-room, 23 4-
room, 24 5-room and 36 6-room apart-
ments, a number of hotel rooms, and gar-
age in the basement; steel frame con-
struction; cost \$1,000,000.

Sub-Contracts Awarded.
APARTMENTS Cost, \$50,000
BERKELEY, Alameda Co., Cal. No. 2339
Hilgard St.
Three-story frame and stucco apartment
building (36 rooms).
Owner and Builder—Parson & Schuster,
850 San Pablo Ave., Oakland.
Architect — Clay N. Burrell, American
Bank Bldg., Oakland.
Structural Steel—Golden Gate Iron Works
1541 Howard St., San Francisco.
Plumbing—Fazzio & Soares, Oakland.
Mill Work—Tilden Lumber Co., Second
and Harrison Sts., Oakland.
Cement—Davis Materials Co.
Concrete Work—Barrate & Co.

LONG BEACH, Los Angeles Co., Cal.—
Joseph H. Roberts, 312 Marine Bank
Bldg., Long Beach, is preparing working
plans for a nine-story Class A apartment
hotel to be erected in E. Ocean Ave.;
owner's name withheld; 175 rooms, 49x108
feet, steel frame with reinforced con-
crete. Cost, \$200,000.

Plans Being Figured
APARTMENTS Cost, \$150,000
SAN FRANCISCO. NE Dolores and
Fourteenth Streets.
Five-story and basement reinforced con-
crete Class C apartment building (74
rooms).
Owner — P. A. Braunsvarth, 3926 18th
Ave., San Francisco.
Architect—Albert H. Larsen, 447 Sutter
St., San Francisco.
Bids are being taken for a general
contract and will be opened in about
ten days.

BONDS

BAKERSFIELD, Kern Co., Cal.—Pre-
liminary drawings of Architects Symmes
& Cullimore of Bakersfield, for a new
\$100,000 school for the Beardsley School
District have been approved by the school
trustees and a bond election will be called
at once to finance. Will be of Mission
type, eight classrooms and auditorium,
offices, kindergarten, etc. Exterior finish
of cement stucco; tile roof.

McFARLAND, Kern Co., Cal. — Bids
will be considered by county supervisors
for purchase of \$17,000 bond issue of Mc-
Farland School District; proceeds of sale
to finance school improvements.

ALTURAS, Modoc Co., Cal.—Election
will be held Feb. 11 in Modoc Union High
School District to vote bonds of \$48,000
to finance erection of fram shop building
and gymnasium together with heating
plant. Preliminary plans have been pre-
pared by Architect Ralph D. Taylor,
Susanville. Trustees of district are:
Gertrude French, Lutie Flournoy, C. A.
Ballard, W. H. Smith and A. K. Wylie.

MAXWELL, Colusa Co., Cal.—Trustees
of local high and grammar school dis-
trict contemplates organization of jun-
ior high school district. After forma-
tion, it is proposed to offer an election
to vote bonds to finance erection of a
new junior high school.

REDDING, Shasta Co., Cal.—Election
will be held Feb. 17 in Cove School Dis-
trict near Big Bend to vote bonds of
\$2500 to erect new school.

FULLERTON, Orange Co., Cal.—The
board of trustees of Fullerton union high
school district will shortly call a special
school election to vote on the question
of issuing bonds in the sum of \$600,000
for the erection of junior high schools
in various sections of the district. The
trustees of the high school district favor
the erection of a junior high school at
Fullerton to cost \$217,000; one at Buena
Park to cost \$75,000; one at La Habra
to cost \$114,000; one at Placentia to cost
\$118,000; and one at Yorba Linda to cost
\$75,000. The date for the election will
be determined shortly.

HUNTINGTON PARK, Los Angeles Co.,
Cal.—The board of trustees of Hunting-
ton Park city school district has called
a special election to be held Feb. 14 to
vote bonds in the sum of \$265,000 for
the erection of new school buildings and
additions to existing buildings to relieve
crowded conditions in the grammar
schools. The bond issue is to provide for
the erection of buildings and additions
to contain 50 classrooms. Arthur W.
Angel, 3400 E Fifth st., L. A., is the ar-
chitect.

DELANO, Kern Co., Cal. — Election
will be held Feb. 15 in Delano Joint Union
High School District to vote bonds of
\$75,000 to finance additions to present
school. Trustees of district are: O. A.
Clasen, J. E. Swanson, Chas. M. Kiggins,
Jas. Hamlin and Harry R. Devenney.

CORTE MADERA, Marin Co., Cal.—
Town trustees will call election to vote
bonds of \$30,000 to purchase site and
erect town hall and firehouse. W. C.
Pixley is mayor of Corte Madera.

Orders-Inquiries

60
pages
Send
for
FREE



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000
 different lines of business. No matter
 what your business, in this book you
 will find the number of your prospec-
 tive customers listed.
 Valuable information is also given as to
 how you can use the mails to secure
 orders and inquiries for your products
 or services.

Write for Your FREE Copy
R. L. FOLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statisticians
 Producers of Direct Mail Advertising

CHURCHES

Contract Awarded
ASSEMBLY HALL Cost \$12,000
SAN JOSE, Santa Clara Co., Prevost and Grant.
 One-story frame and stucco assembly hall.
 Owner—Christian Assembly.
 Architect—None.
 Contractor—T. H. Herschbach, Bank of San Jose Bldg., San Jose.

LOS ANGELES, Cal.—Architects Pope & Burton, 3215 W. 6th St., completing working plans for a Class A church to be erected at Manhattan Pl. and Country Club Dr. for the Church of the Latter Day Saints; auditorium to seat 1000; reinforced concrete construction. Cost, \$200,000.

LOS ANGELES, Cal.—Lynch-Cannon Engineering Co., 1027 Chapman Bldg., has contract for a class A church at Manhattan pl. and Country Club dr. for the Church of the Latter Day Saints; auditorium to seat 1000; reinforced concrete construction; cost \$200,000. Plans are being completed by Architects Pope & Burton, 3215 W 6th st., and work will be started about Feb. 1.

SAN LUIS OBISPO, Cal.—Architect Robert H. Orr, Corporation Bldg., Los Angeles, has completed plans for \$100,000 edifice to be erected in Marsh st., near Osos for Presbyterian Church; Rev. F. J. Hart, pastor. Only first unit, estimated to cost \$50,000, will be undertaken at this time.

FACTORIES & WAREHOUSES

Contract Awarded
WAREHOUSE Cost \$15,000
SAN FRANCISCO, 17th and De Haro sts.
 One-story frame warehouse.
 Owner—Western Can Co.
 Engineer—Leland Rosener, 233 Sansome street.
 Contractor—MacDonald & Kahn, Financial Center Bldg.
 Sub-bids will be taken in one week.

Plans Being Redrawn.
FACTORY Cost, \$50,000
OAKLAND, Alameda Co., Cal. Milton and Market Streets.
 Two-story reinforced concrete factory building.
 Owner—Bear Photo Co., 715 12th St., Oakland (O. Uhle), and 1122 Howard St., San Francisco (O. Hansen).
 Architect—Withheld.

A new architect has been selected whose name is withheld at this time. More definite information will be given in two weeks.

Preparing Preliminary Plans.
FACTORY Cost, \$40,000
SAN FRANCISCO, Taylor St., bet. Jefferson and Beach Sts.
 One and part two-story frame and stucco factory building (18,900 sq. ft.).
 Owner—A. Rueff, 916 Kearny St., San Francisco.
 Plans prepared by R. A. McLean & Co. Lessee—Sealy Mattress Co.
 Contractor—R. A. McLean & Co., 666 Mission St., San Francisco.

Roofing Contract Awarded.
MERCHANDISE BLDG. Approx. \$700,000
SAN FRANCISCO, Corner Fremont and Howard Sts., extending to Beale St.
 Seven-story reinforced concrete wholesale merchandise building.
 Owner—Butler Bros., F. S. Cunningham, president, New York, Chicago, St. Louis, Minneapolis and Dallas.
 Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
 Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
 Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Roofing—J. W. Bender Roofing Co., 15th and Bryant Sts., San Francisco.

As previously reported, plastering awarded to Dietien & Cordes, 387 Eddy St., S. F.; reinforcing steel to Badt-Falk & Co., 74 New Montgomery St., S. F.; steel rolling doors to J. G. Wilson Corp., 74 New Montgomery St., S. F.; hollow metal doors to Price-Teltz Co., 683 Howard St., S. F.; excavating to McClure & Chamberlain, 608 Octavia St., S. F.

SAN FRANCISCO The Stephenson Construction Co., Hearst Bldg., awarded the following sub-contracts in connection with the construction of airport hangar at Mills Field, South San Francisco, for the City and County of San Francisco:

Concrete materials, lumber and cement—South City Lumber & Supply Co.
Plumbing and sheet metal—Latourrette-Field, 57 Clementina st., S. F.
Electrical work—M. E. Ryan, Redwood City.
Structural steel—Judson Manufacturing Co., foot of Park ave., Oakland.
Wood piling—Renner Foundation Co., 628 Montgomery st., S. F.
Reinf. steel—W. S. Wetenhall, 17th and Wisconsin sts., S. F.
Steel sash—U. S. Metal Products Co., 330 10th st., S. F.
Glass—A. Goepf, 32 Page st., S. F.
Steel rolling doors—J. G. Wilson Corp., 74 New Montgomery st., S. F.

Preliminary Plans Being Prepared
LAUNDRY Cost \$—
RICHMOND, Contra Costa Co., 15th st. bet Macdonald and Nevins sts.
 Reinforced concrete laundry bldg. (height not decided.)
 Owner—Richmond Japanese Laundry.
 Architect—James T. Nabett, Syndicate Bldg., Richmond.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 704 Textile Center Bldg., will start work at once on a 13-story and basement Class A store and loft building on Los Angeles St. for Realty Holding Corp., 123x150 ft., reinforced concrete construction. Cost, \$550,000.

YUBA CITY, Sutter Co., Cal.—E. H. Mackay, Yuba City, granted building permit to erect one-story concrete and brick dyeing and cleaning plant at Plumas St. and Teagarden Ave.; will be 50 by 50 ft., annex 16 x 26 feet.

Sub-Contracts Awarded.
FACTORY Cost, \$5000
SAN FRANCISCO, Fifth and Harrison Streets.
 One-story and mezzanine floor reinforced concrete factory building.
 Owner and Builder—Barrett & Hilp, 918 Harrison St., San Francisco.
 Architect—Edward Eames, 353 Sacramento St., San Francisco.
 Lessee—Chain Belt Co., 82 Natoma St., San Francisco.
Structural Steel—Mortensen Constr. Co., 608 Indiana St., San Francisco.
Electrical Work—Ed. J. Lynch Elec. Co., 1725 Steiner St., San Francisco.
Plumbing—Dowd-Seid Electric Co., 2639 Mission St., San Francisco.

As previously reported, steel sash awarded to Michel & Pfeffer Iron Works, Harrison and Tenth Sts., S. F.; sheet metal work to Metals Constr. Co., 51 Perry St., S. F.; roofing to H. & H. Roofing Co., 2734 Army St., S. F.

Commissioned To Prepare Plans.
MFG. PLANT Cost, \$—
BERKELEY, Alameda Co., Cal. Parker St., bet. 5th and 6th Sts.
 One and part two-story manufacturing plant (12,000 sq. ft.)
 Owner—Bunting Iron Works, 520 Parker St., Berkeley.
 Architect—Benjamin McDougall, 353 Sacramento St., San Francisco.

MERCED, Merced Co., Cal.—Golden State Milk Products Co., Merced, plans to increase plant capacity from 20,000 lbs. to 30,000 lbs. per day. Some new equipment will be installed. The plant manufactures condensed milk and butter.

GRIDLEY, Butte Co., Cal.—Ray Wiser Peach Cannery in Manzanita District plans extensions to triple production of the present plant. With additions the plant will have a 300-ton capacity for the season.

Contract Awarded
LACKING HOUSE Cost \$12,600
WATSONVILLE, Santa Cruz Co.
 One-story reinforced concrete packing house.
 Owner—Geo. F. Morton & Son.
 Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
 Contractor—W. A. White, Watsonville.

RICHMOND, Contra Costa Co., Cal.—Lee J. Immel, 400 San Pablo ave., Berkeley, awarded contract for concrete foundations in connection with \$2,000,000 distributing plant in course of construction at Point Potrero for the Petroleum Securities Co. Frank R. Seaver is manager of construction. Class A construction throughout.

PITTSBURG, Contra Costa Co., Cal.—Excavation has been started for building to house 75-ton furnace in open hearth department of the Columbia Steel Corp. at Pittsburg, involving an expenditure of \$175,000. Other structures on which construction will be started at once include buildings to house a new wire netting and wire specialties department costing \$85,000.

Sub-contracts Awarded
FACTORY Cost \$5000
SAN FRANCISCO, Fifth and Harrison.
 One-story and mezzanine floor, reinf. concrete factory bldg.
 Owner and Builder—Barrett & Hilp, 918 Harrison st.
 Lessee—Chain Belt Co., 82 Natoma st.
 Plans prepared by owners.
Steel sash—Michel & Pfeffer Iron Works, Harrison and 10th sts.
Sheet metal—Metals Construction Co., 51 Perry st.
Roofing—H. & H. Roofing Co., 2734 Army street.

Sub-contracts Awarded
FACTORY Cost \$100,000
 Equip. approx. \$500,000
SAN FRANCISCO, corner Williams and Newhall sts.
 One-story reinforced concrete can factory
 Owner—Pacific Can Co., E. F. Eupart, president, 290 Division st., S. F.
 Engineer and Mgr. of Constr.—L. H. Nishkian, Monadnock Bldg., S. F.
Concrete—Stoneson Bros. and Thorinson, 950 Monterey blvd., \$24,500.
Steel sash—Badt-Falk Co., 74 New Montgomery st.
Glass—W. P. Fuller & Co., 201 Mission st.
 As previously reported, grading awarded to B. Rosenberg, 58 Merlin st., S. F.; structural steel to Central Iron Works, 2050 Bryant st., S. F.
 Bids on other portions of the work are in and will be awarded shortly. Construction is being resumed.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

VERNON, Cal.—Illinois Pacific Glass Corp., is planning the erection of a new factory building to cost \$750,000 on its 8-acre site near Vernon. Construction will probably be started about April 1.

Construction Started
FACTORY Cost \$5000
SAN FRANCISCO, Fifth and Harrison. One-story and mazzanine floor, reinf. concrete factory bldg.

Owner and Builder—Barrett & Hilp, 918 Harrison st.
Lessee—Chain Belt Co., 82 Natoma st.
Architect—Edward Eames, 353 Sacramento st.

Plans were previously reported to have been prepared by owner, which was in error.

Sub-contracts Awarded
WAREHOUSE Cost \$65,000
OAKLAND, Alameda Co., E Peralta st. bet. 24th and 26th sts.

One-story reinforced concrete warehouse and office bldg. and concrete bunkers.
Owner—W. H. Ford.

Architect—J. C. Buckbee, Chicago, Ill.
Contractor—P. J. Walker Co., Sharon Bldg., S. F.

Excavating—J. Catucci, 1212 18th st., Oakland.

Piling—M. B. McGowan, 74 New Montgomery st., S. F.
Reinf. steel—Soule Steel Co., Rialto Bldg., S. F.

Sub-bids on other portions of the work are in and will be awarded soon.

ORLAND, Glenn Co., Cal.—Construction of a firehouse, 30 x 60 ft., will be started shortly by the Orland Fire Department, at Mill and Fourth sts.

Plans Being Figured
WAREHOUSE Cost \$50,000
FRESNO, Fresno Co., Cal., H and Kern streets.

Three-story class A office and warehouse building.
Owner—Zellerbach Paper Co., 534 Battery st., San Francisco.

Architect—Felchen, Shaw & Franklin, Patterson Bldg., Fresno.

Building will replace plant recently destroyed by fire.

Concrete Material Contract Awarded.
MFG. PLANT Cost, 1st unit, \$100,000
EMERYVILLE, Alameda Co., Cal. Shell Mound Park District (10-acre site).

Group of 4 or 5 one and two-story concrete manufacturing buildings, 1st unit; roaster building to have steel frame.

Owner—C. K. Williams & Co., Easton, Pa., Mrs. of dry colors (Mr. Williams is now at Hotel Oakland).
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland, and engineer of Owner.

Contractor—H. J. Christensen, 519 Ray Bldg., Oakland.

Concrete Materials—Rhodes-Jamison Co., Broadway and Water Sts., Oakland.

Sub-bids are wanted on other portions of the work.

As previously reported, pile driving awarded to M. D. McGowan, 74 New Montgomery St., S. F.; reinforcing steel to McGrath Co.; structural steel to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Sheet Metal Contract Awarded
FACTORY Cost \$100,000
Equip. approx. \$500,000
SAN FRANCISCO, corner Williams and Newhall sts.

One-story reinforced concrete can factory
Owner—Pacific Can Co., E. F. Eupart, president, 290 Division st., S. F.

Engineer and Mgr. of Constr. — L. H. Nishkian, Monadnock Bldg., S. F.

Sheet metal—Guilfooy Cornice Works, 1234 Howard st.

As previously reported, concrete awarded to Stoneson Bros. & Thorinsson, 350 Monterey blvd.; steel sash to Badt-Falk Co., 74 New Montgomery st; glass to W. P. Fuller & Co., 301 Mission st; grading to B. Rasenber, 58 Merlin st; structural steel to Central Iron Works, 2050 Bryant st.

Bids on other portions of the work are in and will be awarded shortly. Construction is being resumed.

GEORGETOWN, El Dorado Co., Cal.—John M. Mace, formerly of Camino and Oroville, has leased timber land of the Forest Service, and will erect a box factory at once. The mill will be located about 5 miles east of Georgetown in the El Dorado National Forest.

LONG BEACH, Los Angeles Co., Cal.—Architect C. P. Hubert, 1210 West 68th st., is preparing plans for a group of factory buildings to be erected at Long Beach for Bowering Soap Co. The construction will be "flat slab" class A reinforced concrete and the cost is estimated at \$700,000. The company will manufacture soap and various by-products, including salt, caustic soda, soda ash, bicarbonate of soda, glycerine and synthetic perfume. The construction work will be carried out by the Hubert Construction Co., who will represent the owners as superintendents of construction for the project.

SAN FRANCISCO — Plants of Acme Lumber Co. and Holmes Planing Mill, Sixth and Channel Sts., suffer \$100,000 fire loss.

SANTA CRUZ, Santa Cruz Co., Cal.—California Petroleum Corp., has purchased property on the main line of the Southern Pacific R. R., bet. Coral and Fern Sts., and plans immediate construction of distributing station. Construction of a \$15,000 super-service station is also proposed by the company.

Planned.
FACTORY Cost, \$—
SAN FRANCISCO, William and Newhall Streets.

Second unit to factory (one-story steel frame and concrete construction, 165 x360 ft.).

Owner—Pacific Can Co. (E. Euphrat, President).

Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Prepared
FACTORY Cost \$40,000
SAN FRANCISCO, Taylor st. bet. Jefferson and Beach sts.

One and part two-story frame and stucco factory (cover area 18,900 sq. ft.).

Owner—Sealy Mattress Co.

Engineer—A. Ruef, 916 Kearny st.

Present building on site is now being wrecked by R. A. McLean & Co., 666 Mission st.

Concrete Contract Awarded
WAREHOUSE Cost \$10,000
VALLEJO, Solano Co., Cal. One-story frame warehouse.

Owner—Solano Produce Co., Vallejo.

Architect—C. E. J. Rodgers, Phelan Bldg., San Francisco.

Concrete—George Barenchi, 921 Kentucky st., Vallejo.

Piling Contract Awarded
PRODUCE BLDG. Cost \$50,000
SAN FRANCISCO, Davidson and Lane streets.

Three-story reinforced concrete produce building.

Owner—Western California Products Co., premises.

Plans by Mission Concrete Co., 125 Kissling st., S. F.

Contractor—Mission Concrete Co., 125 Kissling st., S. F.

Piling—Healy-Tibbitts Construction Co., 64 Pine st.

Plans Being Figured
PACKING HOUSE Cost \$15,000
WATSONVILLE, Santa Cruz Co.

One-story reinforced concrete packing house.

Owner—Mr. Martin.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

GARAGES

SALINAS, Monterey Co., Cal.—F. E. Heple, operating the Heple Garage, will have plans prepared for a one-story garage building to be erected at the southwest corner of Alisal and Monterey Sts.; 110 by 200 ft. with 5-in. concrete floor. It is planned to have construction under way April 1.

Preparing Working Drawings.
GARAGE Cost, \$60,000
SAN FRANCISCO, Sacramento Street W Davis Street.

Owner—J. Pasqualetti, 785 Market St., San Francisco.

Engineer—C. W. Zollner, 785 Market St., San Francisco.

VISALLA, Tulare Co., Cal.—See "Power Plants," this issue. County wants bids for garage and power house addition.

Additional Contracts Awarded.
AUTO BLDG. Cost, \$—

SAN FRANCISCO, Fifth and Folsom Sts. One-story reinforced concrete office and auto sales building.

Owner—Voorman Co. (W. M. Willits), 470 Natoma St., San Francisco.

Architect—W. Gillam, 1134 El Camino Burlingame.

Engineer—T. S. Chew, Rialto Bldg., San Francisco.

Lessee—General Motor Truck Co., 515 Van Ness Ave., San Francisco.

Roofing—J. W. Bender Roofing Co., 18th and Bryant Sts., San Francisco.

Electric Work—American Electric Engineering Co., 1702 Washington St., San Francisco.

Carpentry—Mission Concrete Co., 125 Kissling St., San Francisco.

As previously reported, steel windows awarded to Michel & Pfeffer Iron Works, Harrison and Tenth Sts., S. F., at \$1345; pile driving to Healy-Tibbitts Constr. Co., 64 Pine St., S. F.; concrete and reinforcing steel to Mission Concrete Co., 125 Kissling St., S. F.; structural steel to Western Iron Works, 141 Beale St., S. F. Other contracts will be awarded within a few days.

Sub-contracts Awarded
AUTO SHEDS. Cont price \$4480
PALO ALTO, Santa Clara Co.

Two 1-story reinforced concrete auto sheds.

Owner—City of Palo Alto.

Architect—Birge M. Clark, 310 University ave., Palo Alto.

Contractor—Stephenson Construction Co., Hearst Bldg., S. F.

Lumber—Merner Lumber Co., Palo Alto.

Concrete mat. and cement—Urban Bros., Palo Alto.

Tile roofing—Malott & Peterson, 3221 10th st., S. F.

Reinf. steel—W. S. Wetenhall, 17th and Wisconsin, S. F.

Sheet metal—Wallace Sheet Metal Works, Redwood City.

Plastering—Pedgrift & McKennon, Palo Alto.

Painting—J. Anderson, Palo Alto.

GOVERNMENT WORK AND SUPPLIES

SAN DIEGO, Cal.—Bids are being received by Bureau of Yards and Docks, Navy Department, Washington, D. C. (date for opening not set) for passenger elevator and modification of existing freight elevator at the naval operating base, San Diego, Calif. Work provided for under Specification No. 5472. Plans obtainable from Bureau on deposit of \$10, returnable.

SAN DIEGO, Cal.—Until Feb. 23, under Specification No. 5304, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for barricade for warhead storage and additional road drainage extension to concrete road and pavement and additional road drainage at the naval operating base, San Diego, Calif.

WASHINGTON, D. C.—Until Feb. 10, 10:30 a. m., under Circular No. 1856, bids will be received by Purchasing Officer, Panama Canal, to fur and del. Balboa (Pacific Port); two electrical air compressors, 100-lb. discharge pressure, 5-step automatic control; to be equipped with suitable engine type synchronous motor; compressors to be suitable for installation on floating equipment. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO BAY AREA—Congressman Richard Welch of San Francisco has introduced a bill seeking a survey of the main channel between Hunter's Point and Ravenswood Point, along the San Francisco-San Mateo shore line, a distance of 15 miles. The bill authorizes army engineers to establish pierhead lines and to make a report on the further development of this part of the bay for ocean-going shipping.

SAN FRANCISCO—Until Jan. 30, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to erect gasoline storage plant at Crissy Field. Plans and further information obtainable from above address. Previous bids received rejected. See call for bids under official proposal section in this issue.

SAN FRANCISCO—The following bids were received by A. Newman, Ferry Post Office, S. F., for miscellaneous repairs and painting to Ferry Post Office building.

Thomas M. Jones	\$2743
Henry Papenhausen	3170
Voght & Davidson	3340
Finn Anderson	3347
J. A. Grant	3692

WASHINGTON, D. C.—Until Feb. 9, under Circular No. 1855, bids will be received by Purchasing Officer, Panama Canal, to fur, and del. Balboa (Pacific Port): steam table, cabinets, electric motors, range boilers, boiler tubes, conduit, iron or steel sheets, copper, brass, bronze, yellow metal, wire rope, manila rope, cable, wire, telephone-cable terminals, transformers, electric heaters, insulators, electric fixtures, sidewalk lenses, tape, pipe and fittings, fire brick, water-closet seats, drinking fountains, closet bowls, valves, cocks, water coolers, cuspidors, track bolts, spikes, nails, tacks, hinges, wrenches, vises, scythe blades, grindstones, blow torches, hose, car seals, tie plugs, paint. Further information obtainable from Assistant Purchasing officer, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8325, San Diego, 3 ammeters; Mare Island, 9 annunciators, Mare Island; 490 steel reflectors, Mare Island; 2000 ft. asbestos sleeving, San Diego; 15 lbs. cotton sleeving; Mare Island, 165 lbs. do.; Puget Sound, 96 lever switches; Mare Island, 217 do. Jan. 31.

Sch. 8332, western yards, wire rope and seizing strand, Jan. 31.

Sch. 8333, western yards, bolts and nuts, Feb. 7.

Sch. 8340, San Diego, 5580 lbs. boiled linseed oil; Mare Island, 13,275 lbs. do. San Diego, 8000 lbs. raw linseed oil; Mare Island, 338,000 lbs. do. Jan. 31.

Sch. 8343, Mare Island and Puget Sound, reduction gear units and spares, Feb. 7.

Sch. 8349, Mare Island, nickel, pure; plates, angles, rivets and rods, Jan. 31.

Sch. 8350, Mare Island, 50,000 lbs. boiler compound; Puget Sound, 9300 lbs. do. Jan. 31.

Sch. 8356, Mare Island, 5800 lbs. powdered aluminum, Jan. 31.

Sch. 8365, San Diego, 1 motor truck; Los Angeles, 1 do. Jan. 31.

PEARL HARBOR, T. H.—Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification 5328, for quarters, laboratory and animal house at the naval operating base (hospital), Pearl Harbor, Hawaii:

Item 1a, entire work; 1b, do, but based on the omission of all screens and screening covered by section 18; 2a, deduct from item 1a for the omission of pharmacists' quarters; 2b, deduct from item 1b for omission of pharmacists' quarters; 3a, deduct from item 1a for the omission of 1 junior officers' quarters; 3b, deduct from item 1b for the omission of 1 junior officers' quarters; 4a, work complete, alternate a; 4b, work complete, alternate a, but based on the omission of all screens and screening covered by section 18; 5a, deduct from item 4a for the omission of pharmacists' quarters No. 1; 5b, deduct from item 4b for omission of pharmacists' quarters; 6a, deduct from item 4a for the omission of 1 junior officer's quarters; 6b, deduct from item 4b for the omission of 1 junior officer's quarters.

Austin Engineering Co., Inc., 566 Southern blvd., New York city, item 1a, \$174,775; 1b, \$168,775; 2a, \$9000; 2b, \$8566; 3a, \$11,000; 3b, \$10,425; 4a, \$179,775; 4b, \$173,775; 5a, \$13,000; 5b, \$9866; 6a, \$12,200; 6b, \$11,625.

W. T. Butler, Central Bldg., Seattle, Wash., item 1a, \$220,000; 1b, \$216,265; 2a, \$12,519; 2b, \$12,308; 3a, \$11,200; 4b,

\$13,944; 4a, \$226,520; 4b, \$223,465; 5a, \$14,179; 5b, \$13,938; 6a, \$15,830; 6b, \$15,574.

18ththile Paving & Concrete Co., P. O. Box 3468, Honolulu, T. H., item 1a, \$195,208; 1b, \$191,701; 2a, \$11,239; 2b, \$10,960; 3a, \$12,264; 3b, \$11,858; 4a, \$200,565; 4b, \$197,058; 5a, \$12,449; 5b, \$12,170; 6a, \$13,662; 6b, \$12,256.

R. S. Chase, 987 Waimanu st., Honolulu, T. H., item 1a, \$219,775; 1b, \$215,126; 2a, \$11,343; 3a, \$13,240; 3b, \$12,916; 4a, \$226,780; 4b, \$222,431; 5a, \$13,253; 5b, \$12,780; 6a, \$15,404; 6b, \$14,857.

Walker & Ohlen, Inc., Honolulu, T. H., item 1a, \$205,229; 1b, \$200,681; 2a, \$13,198; 2b, \$12,579; 3a, \$16,284; 3b, \$15,517; 4a, \$211,022; 4b, \$206,474; 5a, \$14,282; 5b, \$13,643; 6a, \$17,920; 6b, \$17,152.

Wm. Wills, 502 Thompson Bldg., Seattle, Wash., item 1a, \$179,287; 1b, \$177,487; 2a, \$10,365; 2b, \$10,185; 3a, \$12,704; 3b, \$12,504; 4a, \$185,687; 4b, \$184,927; 5a, \$11,565; 5b, \$11,285; 6a, \$14,604; 6b, \$14,404.

Ralph E. Wooley, P. O. Box 2119, Honolulu, item 1a, \$194,500; 1b, \$189,000; 2a, \$12,000; 2b, \$11,200; 3a, \$15,000; 3b, \$14,400; 4a, \$198,200; 4b, \$192,700; 5a, \$12,800; 5b, \$12,000; 6a, \$16,000; 6b, \$15,600.

National Construction Co., Ltd., P. O. Box 1410, Honolulu, T. H., item 1a, \$175,000; 1b, \$173,000; 2a, \$9000; 2b, \$8750; 3a, \$10,000; 3b, \$9750; 4a, \$182,500; 4b, \$180,500; 5a, \$11,000; 5b, \$10,750; 6a, \$12,250; 6b, \$12,000.

Russell R. Ames, 315 Hawaiian Trust Bldg., Honolulu, T. H., item 1a, \$185,000; 1b, \$182,000; 2a, \$11,600; 2b, \$11,500; 3a, \$12,500; 3b, \$12,000; 4a, \$190,000; 4b, \$187,000; 5a, \$12,500; 5b, \$12,000; 6a, \$13,500; 6b, \$13,000.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared
CLUB BLDG.

Cost \$15,000

MADERA, Madera Co., Cal.
Remodel present 1-story and basement church bldg for club, 1-story frame and stucco.

Owner—American Legion Bldg.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.



NOTE:—The following near-comedy appeared in these columns on January 27, 1927. Some say it is worth repeating.

CLAUSS AND Kraus are butchers.

IN SACRAMENTO.

NEAR SANDY Pratts plants.

THAT PRODUCE clean, sharp sand.

AND CLEAN, hard rock.

AND CLEAN, washed gravel.

ALSO CLEAN concrete mix.

(SAND, ROCK and gravel mixed).

AND BETWEEN five and six.

OR JUST before dinner.

THEY ARE busy butcher boys.

BECAUSE EVERYBODY is phoning.

FOR THEIR dinner meat.

CLARENCE (SANDY) Pratt, President.

OF THE Pratt Building Material Co.

DROPPED INTO this butcher shop.

AND HEARD some of the talk.

MRS. A. Vacuum phoned.

FOR HER brains.

CLAUSS REPLIED.

"THEY ARE in the wagon."

WHEN MISS Venus De Milo phoned.

KRAUS SAID: "Tell Miss De Milo.

I'LL CUT off her leg.

IN A few minutes."

SANDY DIDN'T know.

HE MEANT her lamb's leg.

THEY WEIGHED Mrs. Jones' liver.

TIED UP Mrs. Bacon's pigs' feet.

THE PHONE rang again.

JOHNNY SAID, "How about.

MRS. NEVERPAY'S rib.

AND KRAUS told about Adam.

GIVING A rib to Eve.

SANDY THOUGHT she needed "Liver-wurst."

(GET IT? liver worse).

THIS TOOK the "heart."

OUT OF Mrs. Mutton.

AND YOU could see.

MR. HOL Stein's "tongue" wag.

MRS. R. U. Tenderloin asked.

FOR A "spare" rib.

MR. HOGG only grunted.

B. A. SWEETBREAD offered a "steer."

ON THE "stock" market.

BUT JOHNNY Clauss thought.

THAT IT was the "bull."

AND SANDY is afraid.

IF THE women.

DO NOT stop.

WEARING "UNBORN calf" skin coats.

THERE WILL be no beef.

IN A few years.

"I THANK you."



MISS N. O. Beef, that Johnny Clauss, St., tried to buy years ago. Miss N. O. Beef know how to reduce (girls take notice) and was never sold to the cruel butchers. However, she uses Sandy's sand, rock and gravel, enjoys life—you can do the same.

Plans Ready For Bids In One Week.
CLUB BLDG. Cost, \$125,000
SAN FRANCISCO, Broderick and Baker Streets, 200x300 feet.
 Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).
 Architect—Willis Polk Co., 277 Pine St., San Francisco.

Bids will be taken for a general contract.

As previously reported, pile driving awarded to Renner Foundation Co., 628 Montgomery St., San Francisco.

Officials of the Club include: Commodore, J. M. Punnett; vice-commodore and chairman of Board of Directors, Hiram W. Johnson Jr.; rear-commodore, Hart L. Weaver and H. W. A. Dinning, Leon de Fremery, Jerome B. White, Leon E. Walker, Wilfred Page and Austin Moore as members of the directorate.

TURLOCK, Stanislaus Co., Cal.—Father Heslin Council, No. 2557 Knights of Columbus, has appointed committee to secure estimates of cost for a two-story store and lodge building.

SACRAMENTO, Cal.—George D. Hudnutt, Inc., 1915 S st., Sacramento, at \$90,000 awarded contract to erect three-story and basement brick hotel and (2) stores at 231 J st. for Chas. H. Crocker, San Francisco capitalist, represented in Sacramento by the Klein Realty Service, Inc., 1009 8th st. Structure will be leased to W. Idemoto for ten years. Will contain 70 rooms and two stores. Cooling system, steam heat.

Preliminary Plans Being Prepared
CLUB BLDG. Cost \$—
SAN JOSE, Santa Clara Co.
 Two-story frame and stucco club bldg. Owner—Hill View Country Club.
 Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.

MERCED, Merced Co., Cal.—Local Post of American Legion will hold a series of socials to secure funds to finance purchase of furniture for club quarters. J. E. McNamara is commander of the post.

TURLOCK, Stanislaus Co., Cal.—Organization of Turlock Lodge, I. O. O. F., Building Association has been completed with A. P. Ferguson, as president. The purpose of the association is to finance erection of \$20,000 lodge building in South Broadway.

SEBASTOPOL, Sonoma Co., Cal.—City trustees will co-operate with Sebastopol Post, American Legion, in securing site and erecting modern clubhouse.

HOSPITALS

MADERA, Madera Co., Cal.—County supervisors appoint committee of six men and six women to investigate conditions at the county hospital grounds with a view to recommending construction of a new county hospital.

SAN FRANCISCO—Board of Health recommends to Supervisors a bond election for approximately \$5,000,000 for hospitals and hospital additions. Recommendations are summarized as follows: purchase of additional lands and erection of new health building in civic center, \$2,500,000; construction of nurses' home at San Francisco Hospital to accommodate 250 nurses and 250 institutionals, \$500,000; completion of additional unit at Relief Home at Laguna Honda, \$250,000; construction of 500-bed tuber-

cular hospital at Pulga Canyon and addition of 50-bed wing to present hospital at that location, and creation of a 150-bed cancer institute at the San Francisco Hospital (combined estimate) \$1,750,000.

TALMADGE, Mendocino Co., Cal.—California Pottery Co. and Gladding, McBean & Co., both of San Francisco, submitted identical (informal) bids to State Department of Public Works, Division of Architecture, at \$2352.14 to furnish tile roofing for special custodial building at state hospital. Whether the work will be readvertised or the companies invited to flip coin to secure the contract has not been determined. C. R. Frost of Monterey was low for placement of the tile at \$2084.

SANTA ROSA, Sonoma Co., Cal.—County Grand Jury will recommend to supervisors that county purchase an interest in the Weimer Sanitarium in Placer County instead of erecting its own tubercular hospital.

OROVILLE, Butte Co., Cal.—Architects Cole & Brouhard, Chico, have presented plans to county supervisors for maternity wards and surgical ward at county hospital; maternity ward addition will provide accommodations for 30 persons. The surgical ward will comprise a separate unit to the hospital. C. F. Belding is county clerk.

HOTELS

LOS ANGELES, Cal.—Architect Richard M. Bates Jr., 660 S. Vermont Ave., will complete plans and will be ready to take bids on general contract after February 7th for erecting height limit Class A hotel building at northeast corner of 7th and Berendo Sts., for Jean Morehouse, 692 S. Berendo St. It will contain 250 rooms, large lobby, cafe and a number of shops; 61x145 feet, reinforced concrete construction. Cost, \$650,000.

Preliminary Plans Approved
HOTEL Cost \$—
OAKLAND, Alameda Co., Cal.
 Fourteen-story class A hotel building, 250 rooms.
 Owner—Withheld.
 Architect—Howard Schroeder, 354 Hobart st., Oakland.

The owner has gone East to look over various types of hotels for ideas, and upon his return, which is expected in 30 days, working drawings will be started.

Planned
HOTEL Cost \$3,000,000
OAKLAND, Alameda Co., Holy Name College site (8 acres).
 Large class A hotel building.
 Owner—J. F. McGushen et al, Central Bank Bldg., Oakland.
 Architect—Not selected.

Additional Sub-contracts Awarded
HOTEL Cost \$2,000,000
SAN FRANCISCO, SE Sutter and Powell streets.
 Twenty-three-story class A hotel building.
 Owner—Sutter-Powell Realty Co., Leo Huckins, Financial Center Building, manager.
 Architect—Weeks & Day, Financial Center Bldg., S. F.
 Contractor—Lindgren & Swinerton, 225 Bush st., S. F.

Ornamental iron—Michel & Pfeffer Iron Works, Harrison and 10th sts.
Metal partitions—Dwan & Co., 534 6th st.
 Other awards reported Jan. 11.

Plans Being Completed.
ALTERATIONS Cost, Approx. \$60,000
SAN FRANCISCO, Geary St. Near Van Ness Ave.
 Extensive alterations to present six-story Class C hotel building (6 stores and additional baths).
 Owner—A. L. Gump, 246 Post St., San Francisco.
 Architect—Milton Latham, 454 Montgomery St., San Francisco.
 Segregated bids will be taken January 27th.

Plans Being Prepared
HOTEL Cost \$—
HEALDSBURG, Sonoma Co., Cal., three miles east of Healdsburg.
 Frame and stucco hotel, 100 guest rooms with private baths.
 Owner and Builder—Fitch Mountain Tavern Co.
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Fitch Mountain Tavern So., A. M. Ewing and W. H. Chaney, promoters, will be incorporated with a capital stock of \$300,000 to finance the project. Will contain billiard rooms, large dining halls, ball room and lobby, 40 x 60 ft. Will have tile roof and stucco exterior.

ICE AND COLD STORAGE PLANTS

Plans Being Prepared.
COLD STORAGE PLANT Cost, \$250,000
WATSONVILLE, Santa Cruz Co., Cal.
 Beach Road (150,000 square feet).
 One-story reinforced concrete cold storage plant (300x500 feet).
 Owner—Apple Growers Cold Storage Co. Plans by Trine Service Corp., Central National Bank Bldg., Oakland.

The cooling system will be circulating brine, while each storage chamber will be 16 feet high and the temperature will be controlled automatically with recording thermometers in each storage chamber recording the temperature every minute of the time the chamber is in use. Special trackage facilities will be built through the center of the property by the Southern Pacific Company, with great platforms for unloading fruit trucks on one side and still larger canopied platforms on the rail side for car loading.

The personnel of the temporary organization is: Carroll Rodgers, president; Tony Sculich, vice-president; Elmer Faul, secretary. The temporary board of directors is composed of Louis Kusolich, Jack Dicklich, John Brajkovich, Jack Scampavia, Mitchell Pista, Jasper Simunovich, Nicholas Alaga, M. S. Travers and John W. Lukrich.

FRESNO, Fresno Co., Cal.—Fresno-Madera Ice Co., 7th St. and Ventura Ave., Fresno, plans erection of \$100,000 ice and ice cream manufacturing plant in Blackstone Ave. near Home Ave. Contract for plant equipment has already been awarded to Cyclops Iron Works of San Francisco.

Bids Opened—Taken Under Advisement
PLATFORM Cost \$20,000
STOCKTON, San Joaquin Co.
 Iceing platform, 880 ft. long.
 Owner—Pacific Fruit Express Co., 65 Market st., S. F.
 Architect—Engineering Dept. of owner, (Mr. Weatherwax).
 Contract will be awarded Jan. 24.

REDDING, Shasta Co., Cal.—W. W. Williamson, 320 Market st., San Francisco, has contract at approx. \$20,000 and has started work on remodeling and additions for Union Ice Co. plant; new tanks together with some new equipment will be installed. Plant will have capacity of 25 tons daily. New office furniture will be purchased.

POWER PLANTS

AHWAHNEE, Madera Co., Cal.—Until Feb. 11, bids will be received by V. D. Whitmore, chairman, Tri-County Tubercular Hospital Committee, to rebuild distribution line for Tri-County Tubercular Hospital. Plans on file in offices of the county clerks of Madera, Merced and Modesto. See call for bids under official proposal section in this issue.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

MODESTO, Stanislaus Co., Cal.—Until Feb. 20, 2 p. m., bids will be rec. by C. S. Abbott, secy., Modesto Irrigation Dist. to fur. and del:

Item E-8, electric watt-hour meters to Electric Dept.

Item E-9, distribution and small power transformers to Electric Dept.

Item E-10, petroleum products.

Cert. check 5 per cent payable to dist. req. with bid. See call for bids under official proposal section in this issue.

ANAHEIM, Cal.—Until Feb. 9, 8 p. m., bids will be rec. by Edw. B. Merritt, city clerk, to fur. gas engine and electric generator and auxiliary equipment. Cert. check 10 per cent req. with bid. Further information obtainable from clerk.

SANTA ROSA, Sonoma Co., Cal.—City Manager Chas. O. Dunbar considering proposal that city purchase local properties of Great Western Power Co. to operate as a municipal project.

ANAHEIM, Cal.—Until 8 p. m., Feb. 9, bids will be rec. to fur. 400 hp. internal combustion engine. Edward B. Merritt, city clerk.

VISALIA, Tulare Co., Cal.—Until Feb. 6, 2:30 p. m., bids will be rec. by Gladys Stewart, county clerk, to erect garage building and addition to power house at county hospital grounds. Kump & Johnson, architects, Rowell Bldg., Fresno. Cert. check 10 per cent payable to chairman of Bd. of Supps. req. with bid. Plans on file in office of clerk and obtainable from architects.

SACRAMENTO, Cal.—Untica Mines Co., authorized by State Department of Public Works, Division of Water Rights, to store 4656 ac. ft. per annum of water on the north fork of the Stanislaus river for the development of 3294 theoretical horsepower of electrical energy; development will cost \$150,000.

PUBLIC BUILDINGS

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees will have plans prepared for illuminating dome of city hall. D. J. Sweeney is city clerk.

DELANO, Kern Co., Cal.—City Trustees plan to expand \$5000 of Park Fund to finance erection of new city hall. The matter of transfer will be submitted to voters shortly.

SAN FRANCISCO—Tentative plans for proposed \$240,000 police and fire department building to be erected at the northwest corner of Polk and McAllister sts. are being considered by the Board of Fire Commissioners. Additional details of this project will be given when the plans have been further advanced.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Angelo & Zangrando Co., South San Francisco, at \$8375 awarded contract by Daniel McSweeney, City Clerk, for construction of a central fire station to be erected at South San Francisco. Other bidders were: Antonio Pianta, South San Francisco, \$9350; R. C. Stickler, South San Francisco, \$9512; K. E. Nelson, San Francisco, \$10,900.

REDWOOD CITY, San Mateo Co., Cal.—M. E. Ryan, fire chief, recommends construction of new fire station at northwest corner of Jefferson Ave. and Myrtle St.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. North Cragmont District.

One-story 6-room frame and stucco residence (English type).

Owner—F. C. Platt.
Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

BAKERSFIELD, Kern Co., Cal.—Henry Bissler, 2229 18th st., Bakersfield, general contractor, has purchased 42 lots in Highland Park tract and plans immediate erection of 40 model homes involving an expenditure of \$160,000. Will be frame and stucco construction, 5 rooms each.

Sub-Bids Being Taken.

RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Santa Barbara Road.

Two-story frame and stucco residence (7 rooms and 2 baths).

Owner and Builder—E. M. Brown.

Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

Completing Plans.

RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Vicente Avenue.

Three-story frame and stucco residence (12 rooms and four baths).

Owner—J. A. Greed.

Architect—Edward L. Snyder, 2108 Addison St., Berkeley.

Plans will be ready for bids in one week.

SAN FRANCISCO—See Banks, Stores and Offices, this issue.

Contract Awarded

RESIDENCE Cost \$12,860
SAN JOSE, Cal., First st. near Mission. Two-story frame and stucco residence, 9 rooms.

Owner—C. M. Burchfiel, Garden City Bank Bldg., San Jose.

Des. and Contractor—Tynan Construction Co., 1090 The Alameda, San Jose.

Plans Being Prepared

RESIDENCE Cost \$40,000
LOS GATOS, Santa Clara Co. Two-story frame and brick veneer residence, 20 rooms, 5 baths.

Owner—L. F. Lennox.

Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.

Owner Taking Figures

RESIDENCE Cost \$8000
SAN MATEO, San Mateo Co. Two-story frame and stucco residence, English type.

Owner—Harold Taylor, 134 13th st., San Mateo.

Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Plans Being Completed.

RESIDENCE Cost, \$10,000
MIRA VISTA, Contra Costa Co., Cal. Two-story frame and stucco residence (9 rooms and 2 garages).

Owner—Ira Vaughan, City Treasurer, Richmond.

Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.

Plans will be ready for bids in two weeks.

Completing Plans.

RESIDENCE Cost, \$40,000
SAN FRANCISCO. Washington and Spruce Streets.

Two-story frame and brick veneer residence (English type; 12 rooms and 5 baths).

Owner—Leland Rosener.

Architect—Albert Farr and F. Ward, 68 Post St., San Francisco.

Bids will be taken for a general contract in about two weeks.

Construction Started

RESIDENCE Cost approx. \$100,000
OAKLAND, Alameda Co., Cal., Crocker Highlands.

Two-story and basement residence (14 baths, swimming pool, garage, stables etc.; English type).

Owner—Withheld.

Architect—Miller & Warnecke, 1404 Franklin st., Oakland.

Grading—J. Catucci, 1212 18th st., Oakland.

Concrete—J. H. Fitzmaurice, 354 Hobart st., Oakland.

Sub-Contracts Awarded.

RESIDENCE Cont. Price, \$34,690
SAN FRANCISCO. No. 9 Presidio Terrace.

Two-story frame and stucco residence. Owner—Wm. H. Lowe, 475 Brannan St., San Francisco.

Architect—Albert Farr and J. Francis Ward, 68 Post St., San Francisco.

Contractor—Mattock & Feasey, 210 Clara St., San Francisco.

Mill Work—Chase Lumber Co., 547 W. Santa Clara St., San Jose.

Glass—Cobbledick-Kibbe Glass Co., 666 Howard St., San Francisco.

Plastering—Robert Starrett, 417 Market St., San Francisco.

Plumbing—E. Sugarman, 3624 Geary St., San Francisco.

Electrical Work—Collonan Elec. & Mfg. Co., 3211 Mission St., San Francisco.

Plans Being Prepared.

RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Oak Knoll.

Two-story frame and stucco residence (English type).

Owner—Dr. A. Tichenor, 1906 Franklin St., Oakland.

Architect—Douglas Stone, 354 Hobart St., Oakland.

Owner Taking Sub-Bids.

RESIDENCE Cost, \$24,000
SAN JOSE, Santa Clara Co., Cal. Two-story frame and stucco residence. Owner—A. Van Dahlson.

Architect—Wolfe & Higgins, 19 N-Second St., San Jose.

Owner Taking Bids.

RESIDENCE Cost, \$9000
SAN MATEO, San Mateo Co., Cal. One-story 8-room frame and stucco residence.

Owner—W. W. Casey, 320 Ellsworth St., San Mateo.

Architect—Wolfe & Higgins, 19 N-Second St., San Jose.

Plans Being Completed—Contract Awarded

HOME Cost, \$40,000
OAKLAND, Alameda Co., Cal. Claremont Pines.

Two-story brick model home (7 rooms, 5 baths and 3-car garage).

Owner—The Oakland Tribune.

Architect—Frederick H. Reimers, Tribune Tower, Oakland.

Contractor—Dudley De Velbiss, 354 Hobart St., Oakland.

The plans will be completed about February 1st.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Plans Being Prepared
RECTORY Cost \$30,000
PORTERVILLE, Tulare Co.
 Two-story brick rectory building with tile room (4 baths.)
 Owner—Roman Catholic Church (Father Patrick Daly).
 Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Specifications Being Written.
RESIDENCE Cost, \$30,000
SAN FRANCISCO. St. Francis Wood.
 Two-story and basement frame residence (Spanish type, 14 rooms and 4 baths)
 Owner—Mr. and Mrs. Henry Sutherland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Bids will be called for shortly.

Commissioned To Prepare Plans.
RESIDENCE Cost, \$12,500
BERKELEY, Claremont Court.
 Two-story frame and stucco residence.
 Owner—W. H. Keenan.
 Architect—Benjamin McDougall, 353 Sacramento St., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, \$25,000
SAN FRANCISCO. St. Francis Wood.
 Two-story frame and stucco residence (12 rooms and 4 baths; English type).
 Owner—D. J. Tight, 51 Santa Paula Ave., San Francisco.
 Architect—Henry H. Gutterson, 526 Powell st., San Francisco.
 Plans will be ready for bids in two weeks.

Contract Awarded
RESIDENCE Cost \$10,000
SAN FRANCISCO, SW Apts st. and Darien way.
 Two-story and basement frame and stucco residence.
 Owner—E. C. and O. H. Hueter, Flatiron Bldg.
 Architect—H. G. Stoner, 810 Ulloa st.
 Contractor—Walter C. Zweig, 450 Upland drive.

Plans Being Figured.
RESIDENCE Cost, \$20,000
CLAREMONT, Alameda Co., Cal.
 Two-story 10-room frame and stucco residence with terra cotta tile roof.
 Owner—Annie Reese.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.
 H. L. Paige, 5844 College Ave., Oakland, is the only contractor figuring above job.

CHICO, Butte Co., Cal.—City council has granted the following building permits: J. L. Detrick, \$1500, dwelling; Park ave. O. E. Tracy, \$3000 dwelling; Pine st. A. H. Fairchild, \$1500 dwelling; Normal and 18th sts. O. E. Tracy, \$4000 dwelling; Ninth and Pine sts. O. E. Tracy, \$4000 dwelling; Ninth and Cypress sts. O. E. Tracy, \$4000 dwelling; Ninth and Poplar sts.

Contract Awarded.
RESIDENCES Cost, \$5000 each
SAN FRANCISCO. S Alameda — E Brussels St.
 Three one-story and basement frame and stucco residences.
 Owner—H. O. Lindemann, 619 27th Ave., San Francisco.
 Architect—None.
 Contractor—W. R. Lindemann, 619 27th Ave., San Francisco.
 Building permit applied for.

MARTINEZ, Contra Costa Co., Cal.—G. Holliday Martinez, has started erection of \$9000 residence on the Frederick K. Burnhams ranch, Spring Valley Farm, in the Alhambra Valley.

Plans Being Figured.
RESIDENCE Cost, \$6000
HAYWARD, Alameda Co., Cal.
 One-story 6-room frame and stucco residence.
 Owner—Mr. Andrade, Hayward.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.
 Bids are being taken for a general contract.

Preliminary Plans Being Prepared.
RESIDENCE Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Mt. Hamilton Foothills.
 Two-story frame and stucco residence.
 Owner—Withheld.
 Architect—Warren Skillings, Garden City Bank Bldg., San Jose.

Preparing Working Drawings.
RESIDENCE Cost, \$16,000
BERKELEY, Alameda Co., Cal. Coventry Road.
 Two-story and basement frame and stucco residence (number of rooms not yet determined).
 Owner—Herman Schwartz.
 Architect—W. H. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.
 Bids will not be taken for 60 days.

OROVILLE, Butte Co., Cal.—Wm. Hemstall, formerly operating in Oroville and more recently of San Francisco, has returned to Oroville and will erect six 4-room frame and stucco bungalows in the Bullard Tract in Second Avenue.

LOS ANGELES, Cal.—Thos. C. Sellars, 862 Rome dr. has been awarded a contract at \$114,461 for the erection of a Spanish style residence on Beverly blvd., Holmby Hills, for Jacob Stern, Haas Bldg. Roland E. Coate, Architects Bldg., is the architect. The house will contain 12 rooms and 5 bathrooms; there will also be a service building with garage for five cars and laundry in the first story and living apartments in the second story; the construction will be frame and stucco.

Segregated Bids Being Taken.
RESIDENCE Cost, \$40,000
PIEDMONT, Alameda Co., Cal.
 Two-story and basement frame and stucco residence (Spanish type, 10 rooms, 5 baths).
 Owner—Al Coogan.
 Architect—Sydney Archie and Noble Newsom, 14 Montgomery St., San Francisco.

Plans Being Prepared
RESIDENCE Cost \$8000
OAKLAND, Alameda Co., Park blvd.
 Two-story frame and stucco residence (two 4-room dwellings).
 Owner—Miss Jacobsen.
 Architect—Slocumbe & Tuttle, 337 17th st., Oakland.
 Bids will be taken for a general contract in one week.

Contract Awarded.
RESIDENCE Contract Price, \$16,300
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and stucco residence.
 Owner—Mrs. Bernard W. Ford.
 Architect—Willis Polk Co., 277 Pine St., San Francisco.
 Contractor—C. H. Bessett, 826 Walnut St., Burlingame.

SCHOOLS

Plans Complete
SCHOOL Cost \$75,000
WALNUT CREEK, Contra Costa Co.
 One-story frame and stucco school bldg., 10 classrooms and auditorium.
 Owner—Walnut Creek Grammar School Dist.
 Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
 A bond election will be held shortly.

Plans Being Prepared.
SCHOOL Cost \$35,000
DOS PALOS, Merced Co.
 High school auditorium.
 Owner—Dos Palos High School Dist.
 Architect—W. J. Wright, Mail Bldg., Stockton.

Contract Awarded
SCHOOL Cont. price \$32,056
SOLEDAD, Monterey Co.
 One-story frame and stucco school bldg.
 Owner—Mission School Dist.
 Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-1st st., San Jose.
 Contractor—The Minton Co., Palo Alto, and Mountain View.

Preparing Working Drawings
ASSEMBLY HALL Cost \$72,500
OAKLAND, Cal., Hawthorne school.
 Brick assembly hall, 2 classrooms.
 Owner—City of Oakland Board of Education.
 Architect—Building and Grounds Dept., Board of Education.
 Bids will be advertised for shortly.

Contract Awarded.
SCHOOL Contract Price, \$17,422
LAGUNITAS, Marin Co., Cal.
 One-story frame and stucco school building (3 classrooms).
 Owner—Lagunitas School District.
 Architect—A. A. Cantin, 544 Market St., San Francisco.
 Contractor—The Minton Co., Palo Alto and Mt. View, at \$17,442.
 Other bidders were: N. Dos Rais, \$17,600; Wallace Snellgrove, Richmond, \$17,617; W. H. Dwyer, \$18,189; McDougall & son, San Rafael, \$19,391; F. J. Riley, San Francisco, \$18,283; Smith & Jackson, San Rafael, \$18,328; E. Lexton, \$18,460; Leibert & Trobeck, San Francisco, \$18,604; Acme Constr. Co., S. F., \$19,437; Stephenson Constr. Co., S. F., \$19,346.

Sub-contracts Awarded—Hardwood Floor Bids Wanted
COLLEGE BLDG. Cost \$1,500,000 to \$1,750,000.
MORAGA, Contra Costa Co., Cal.
 Group of fourteen one, two and three-story class B steel and reinforced concrete college buildings, Spanish California style of architecture.
 Owner—St. Mary's College.
 Architect—John J. Donovan, Tapscott Bldg., Oakland.
 Contractor—J. P. Brennan, St. Mary's College, Moraga.
Glass—U. C. Glass Co., 1928 Shattuck ave., Berkeley.
Finish hardware—Associated Hardware Co., 3860 San Pablo ave., Oakland.
Blackboards—W. T. King & Sons, 354 Hobart st., Oakland.
Metal lath—The Fernald Co., 275 Natoma st., S. F.
 Bids are now being taken for hardwood flooring.

As previously reported: mill work was awarded to Tilden Lumber Co., 2nd and Harrison, Oakland; steel lockers to Worley & Co., 525 Market st., S. F.; frame to Lannon Bros. Co., 5th and Magnolia st., Oakland; roofing to General Roofing Co., 486 California st., S. F.; heating to B. F. Sturtevant Co., Monadnock Bldg., S. F.

Commissioned To Prepare Plans.
SCHOOL Cost, \$40,000
OAKLAND, Alameda Co., Cal. Lazear School.
 One-story brick school building (4 classrooms).
 Owner—City of Oakland Board of Education.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.

Preliminary Plans Awaiting Approval.
SCHOOL Cost, \$70,000
LINCOLN, Placer Co., Cal.
 First unit of concrete school building.
 Owner—Lincoln School District.
 Architect—Dean & Dean, California State Life Bldg., Sacramento.
 Plans are to be approved Jan. 30th.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 14, 8 p. m., bids will be received by Walter L. Bachrodt, sec'y., Board of Education, to fur. and del. school supplies for school year 1928-1929. Specifications obtainable from above.

ELK GROVE, Sacramento Co., Cal.—Trustees of Elk Grove High School District take under further advisement the bid ow B. R. Hanify at \$32,542 to erect gymnasium, from plans of Dean & Dean, architects, Calif. State Life Bldg., Sacramento. Approximately \$30,000 is available for construction and the trustees hope to revise the plans to bring the bid within the money on hand.

CROWE GLASS CO.

675 Golden Gate Ave
 Market 592

Equipped To Handle
 Any Size Job.

DIRECT FACTORY BUYERS

FRESNO, Fresno Co., Cal.—Architects and Engineers Trewitt-Shields Co., Pacific Southwest Bank Bldg., Fresno, have completed plans for the new Benjamin Franklin, Morris E. Dickey and John C. Fremont elementary schools. Further particulars on this work will be given when bids are desired.

OAKLAND, Alameda Co., Cal.—The following sub-contracts have been awarded by A. Frederick Anderson, 1093 Longridge rd., Oakland, in connection with the construction of the Alameda School in Penniman ave., west of Short ave. Will be 1-story brick containing 4 classrooms. Plans by building and grounds department, Board of Education. Contract price \$34,400.

Brick work—Lars C. Larsen, 2294 31st ave., S. F.

Mill work—National Mill, 320 Market, S. F.

Lumber—Tilden Lumber Co., 2nd and Harrison, Oakland.

Plastering—Chapman & Aston.

Plumbing—Scott Co., 113 10th st., Oakland.

Glass—Cobbledick-Kibbe Co., 501 Washington, Oakland.

Heating—F. J. Edwards, 354 Hobart st., Oakland.

Electrical—Roberts Mfg. Co., 2214 Broadway.

Sheet metal—American Sheet Metal Co., 492 23rd st., Oakland.

KIAH, Mendocino Co., Cal.—Until Jan. 28, 10 a. m., bids will be received by F. D. Patton, county superintendent of schools, to fur. and del. school supplies to elementary schools of the county. Lists of materials desired obtainable from county supt. on request.

ROSELAND, Sonoma Co., Cal.—Officials of Christian Academy in Sebastopol avenue contemplate improvements to present building due to increase in students. Details for construction are yet to be worked out.

BAKERSFIELD, Kern Co., Cal.—Election will be called at once in Beardsley School District to vote bonds of \$90,000 to finance erection of new school. Symmes & Culmore, architects, Haberfelde Bldg., Bakersfield. Will be Mission type, red tile roof and stucco finish. Planking the central unit of the building on either side will be 3 classrooms.

Preliminary Plans Being Prepared. SCHOOL. Cost, approx. \$150,000 **SAN FRANCISCO.** San Jose Ave., between Seneca and Delano Sts. Twelve classroom school building (Balboa Elementary School). Owner—City and County of San Francisco. Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.

OAKLAND, Alameda Co., Cal.—The following sub-contracts were awarded by A. Frederick Anderson, 1093 Longridge Road, Oakland, in connection with the construction of the Laurel School at the southwest corner of Kansas and Patterson Sts. Will be one-story reinforced concrete and brick construction. W. R. Yelland, architect, 1404 Franklin St., Oakland.

Excavating—Ariss-Knapp Co., 961 41st St., Oakland.

Concrete—A. Fred Anderson, 1093 Longridge Road, Oakland.

Structural Steel—Moore Drydock Co., Foot of Adeline St., Oakland.

Sheet Metal—Edgar W. Anderson Co., 3103 San Pablo Ave., Oakland.

Roofing—General Roofing Co., Beach and Halleck Sts., Oakland.

Plastering—Evans & June, 4112 Harbor View Drive, Oakland.

Painting—J. E. Conway.

Glass—Tyre Bros., 310 Webster St., Oakland.

Hardware—Builders Hardware Co., 2051 Franklin St., Oakland.

Plumbing and Heating—Carl T. Doell Co., 467 21st St., Oakland.

Electrical Work—McPage-McKenny Co., 128 Tenth St., Oakland.

Brick Work—Albert Hallert, 2500 65th St., Oakland.

As previously reported, awning type windows awarded to Universal Window Co., 1916 Broadway, Oakland, at \$502; Slate blackboards to C. F. Weber Co., 601 Mission St., San Francisco, at \$928.

SANTA ROSA, Sonoma Co., Cal.—Until Feb. 11, 2 p. m., bids will be received by E. J. Cunningham, clerk, American Valley Joint School District, to erect 2-classroom frame school. Bonds of \$80,000 voted to finance construction. Wm. Herbert, architect, 520 Rosenberg Bldg., Santa Rosa. Cert. check 5 per cent payable to clerk req. with bid. Plans obtainable from architect on deposit of \$5, returnable.

Commissioned to Prepare Plans SCHOOL. Cost \$175,000

WATSONVILLE, Santa Cruz Co.

Group of reinforced concrete class C school bldgs.

Owner—Watsonville High School Dist.

Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 216 S-1st, San Jose.

Completing Plans SCHOOL. Cost \$100,000

HOLLISTER, San Benito Co.

Second unit of high school buildings (2-story concrete construction.)

Owner—San Benito High School Dist.

Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-1st, San Jose.

Plans will be ready for bids in two weeks.

SANGER, Fresno Co., Cal.—Until Feb. 6 (time not stated), bids will be received by Milo W. Bacon, clerk, Sanger Union High School District, to furnish and install furniture and equipment for high school—(1) electric program clocks; (2) electric lighting fixtures; (3) metal lockers; (4) stage curtains and fittings; (5) auditorium seats; (6) school desks; (7) laboratory furniture; (8) general office furniture. W. D. Coates, Jr., Co. architects, Rowell Bldg., Fresno. Cert. check 10 per cent payable to clerk required with bid. Specifications obtained from architect and on file in office of clerk. See call for bids under official proposal section in this issue.

MARTINEZ, Contra Costa Co., Cal.—Trustees of the Martinez, Briones Valley, Vine Hill and Franklin Elementary School districts in Contra Costa county will hold a general meeting in Martinez Jan. 28 to consider preliminary drawings for a junior high school to cost in the neighborhood of \$200,000. A survey of the number of classrooms and other information required for architects on which to submit drawings is now being made by W. T. Van Voris, principal of the Alhambra Union High School District.

VINE HILL, Contra Costa Co., Cal.—W. L. Chatterton, Sacramento, at \$9582 submitted lowest bid and was awarded the contract by Miss E. S. Vance, clerk, Vine Hill School District, to erect new school for which bonds of \$11,000 were recently voted. Coffman-Sahlgren-Stafford, architects, 602 Plaza Bldg., Sacramento.

Other bidders were: Dinnie Cons. Co., 870 30th st., Oakland, \$10,665; George Bitcon, \$10,798; Wallace Snellgrove, Richmond, \$10,983; Chas. A. Volpe, \$11,082; Jacobs & Pattana, \$11,245; Minton Co., Palo Alto, \$11,463; Miner Co., \$11,635; George Kopp, \$11,823; J. F. Hannah, S. F., \$13,500.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO

Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

OAKLAND, Alameda Co., Cal.—The following bids were received by Board of Education, 211 City Hall, to erect Oakland High School Gymnasium at the southwest corner of Hopkins st. and Park blvd. Will be reinforced concrete construction, estimated cost \$100,000:

Fairmont sts., Oakland.....	\$127,500
Geo. Swanstrom, Oakland.....	131,131
Lawton & Vezey, Oakland.....	132,484
F. C. Stoltz, Oakland.....	134,000
John E. Branagh, Oakland.....	137,900
A. Frederick Anderson, Oak.....	138,165
Hamilton Const. Co., Oakland.....	142,590

Finish Hardware

Maxwell Hardware Co., 1320 Washington st., Oakland.....\$4228.98

All bids were rejected as being too high. Plans will be slightly revised and bids advertised for shortly.

OAKLAND, Alameda Co., Cal.—The following bids were received by Board of Education, 211 City Hall, to erect Oakland High School shop building at southwest corner of Hopkins st. and Park blvd. Will be reinforced concrete construction one story in height; estimated cost \$60,000:

George Swanstrom, 1723 Webster st., Oakland.....	\$50,154
A. Frederick Anderson, Oakland.....	51,500
B. S. McIntyre, Oakland.....	52,274
J. E. Branagh, Oakland.....	54,950
Hamilton Const. Co., Oakland.....	57,850

Finish Hardware

Maxwell Hardware Co., 1320 Washington st., Oakland.....\$549

Contracts will be awarded Feb. 2.

OAKLAND, Alameda Co., Cal.—Lan-nom Bros. Manufacturing Co., 5th and Magnolia st., Oakland, at \$8316 awarded contract by Board of Education to furnish and install interior equipment for Lakeview Junior High School in Harrison st. near 26th st., and in the Oakland High School at the s. w. corner of Park blvd. and Hopkins st.

BANKS, STORES & OFFICES

Preliminary Plans Approved — Working Drawings Started.

RESTAURANT. Cost, \$200,000

SAN FRANCISCO. Great Highway.

One-story reinforced concrete. Class A restaurant building (seating capacity 800).

Owner—Corporation now being formed.

Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Will have all modern improvements, including electric refrigerators, kitchen equipment, special electric illumination system, etc. The plans will be completed in about six weeks, at which time bids will be taken for a general contract.

Contract To Be Awarded.

STORE AND FACTORY. Cost, \$17,000

SAN FRANCISCO. SE Natoma and Seventh Sts.

Two-story and basement reinforced concrete store and factory building.

Owner—F. Gottlicher and A. J. Tackle (United Lighting Fixture Co., 1149 Mission St., San Francisco).

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—J. Prout, 515 Magellan Ave., San Francisco.

Specifications Being Written.

BANK BLDG. Cost, \$75,000

MODESTO. Stanislaus Co., Cal.

One-story reinforced concrete bank and store building.

Owner—Bank of Italy.

Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.

Bids will be taken in one week.

Plans Ready For Bids In One Week.

BANK BLDG. Cost, \$40,000

CORCORAN, Kings Co., Cal.

One-story reinforced concrete bank and store building (46x60 feet).

Owner—First National Bank of Corcoran.

Architect—F. Eugene Barton, Crocker Bldg., San Francisco.

Plans will be completed in about three weeks.

FRESNO, Fresno Co., Cal.—Skaggs-Sawney Store, 1043 Van Ness ave., will be closed for one week, commencing Jan. 23 to permit general interior remodel and new store fronts. W. W. Oliver is branch manager.

MENLO PARK, San Mateo Co., Cal.—John Duff, Menlo Park, granted permit by city council to erect two-story store and office building at State Highway and Santa Cruz ave. Structure now on the site will be razed.

Plans Being Prepared.
STORE BLDG. Cost, \$90,000
RICHMOND, Contra Costa Co., Cal.
Santa Fe Terminal.
One-story reinforced concrete store building.
Owner—Santa Fe Railroad.
Plans prepared by Engineering Dept. in Los Angeles.

Preparing Working Drawings.
OFFICE BLDG. Cost \$20,000
OAKLAND, Alameda Co., (location withheld).
Two-story steel frame and brick class C store and office building, 8 stores & 8 offices.
Owner—Withheld.
Architect—Leonard H. Ford, 1435 Harrison st., Oakland.
Plans will be ready for bids in two weeks.

Plans to be Prepared
BUILDING Cost \$—
UKIAH, Mendocino Co., Cal.
New building with all modern conveniences (height and type of construction not decided).
Owner—The Republican Press, Ukiah.
Architect—Norman R. Coulter, 46 Kearny st., San Francisco.

ELKO, Nevada—George Wingfield, Reno capitalist, contemplates erection of fireproof bank building to replace structures recently destroyed by fire at "Owl Corner."

Plans Ready For Bids In One Week.
STORE Cost, \$30,000
BERKELEY, Alameda Co., Cal. Arlington Heights.
One-story frame and stucco store building.
Owner and Builder—Raymond Price, 764 Contra Costa Rd., Berkeley.
Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

Preparing Working Drawings
STORE BLDG. Cost \$—
SAN FRANCISCO, Howard st. near 4th.
Two-story reinforced concrete store bldg., 50x80 ft.
Owner—Bingley Photo Engraving Co., Call Bldg., S. F.
Architect—W. H. Crim, 425 Kearny st., S. F.
Plans will be ready for bids in about three weeks.

SEATTLE, Wash.—Architect R. C. Reamer, Douglas Bldg., preparing preliminary plans for a 15-story class A store and office building to be erected at n. w. corner Fourth ave. and Union st., replacing the Antlers Hotel, for the Stimson Realty Co. Est. cost \$1,000,000.

Contract Awarded
STORE BLDG. Cont. price \$27,567
WATSONVILLE, Santa Cruz Co., Cal.
Main st.
One-story brick store building.
Owner—J. C. Penny Co., 312 Main st., Watsonville.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—Jack Renfrow, 20 W Lake st., Watsonville.
Other bidders were:
M. Peen\$28,452
T. Rosewall, Watsonville\$28,709
A. L. Short, Watsonville\$31,172

SPOKANE, Wash.—Architects Rigg & Vantyne, Spokane, commissioned by L. N. Rosenbaum, New York and Seattle capitalist, to prepare plans for ten-story 100 by 25 ft., Medical Arts Building to be erected at Post and Lincoln Sts.; est. cost, \$1,500,000. Ext. finish of colored brick and cast stone.

Plans Being Prepared.
ALTERATIONS Cost, \$—
OAKLAND, Alameda Co., Cal. No. 1530 Broadway.
Alterations and additions to present building.
Owner—The Bedell Co. (William Davis, Mgr.), 1530 Broadway, Oakland.
Architect—Mr. McVey, New York.

Sub-Contracts Awarded.
BANK BLDG. Cost, \$75,000
PETALUMA, Sonoma Co., Cal.
One-story reinforced concrete bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
Contractor—K. E. Parker, 135 South Park, San Francisco.
Granite—McGilvray-Raymond Granite Co., 634 Townsend St., San Francisco
Plumbing—Fred Snook Co., 596 Clay St., San Francisco.
Heating—California Plumbing & Heating Co., 716 Main St., Petaluma.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Plastering—A. Knowles, Call Bldg., San Francisco.
Ornamental Iron—Federal Ornamental Iron & Bronze Co., 16th St. and San Bruno Ave., San Francisco.
Tile Work—Mediterranean Tile Co., 1735 San Bruno Ave., San Francisco.
Electrical Work—Crown Electric Co., 153 Eddy St., San Francisco.
Finish Hardware—Associated Hardware Co., 3360 San Pablo Ave., Oakland.
Painting—American Painting & Decorating Co., 938 Howard St., San Francisco.

As previously reported, steam heating system awarded to Odinello Bros., Petaluma; structural steel to Golden Gate Iron Works, 1541 Howard St., San Francisco; travertine to P. Grassi & Co., 1945 San Bruno Ave., S. F.; excavating to McClure & Chamberlin, 608 Octavia St., S. F.; wrecking to Dolan Wrecking Co., 1650 Mission St., S. F.

Plans Being Figured
loft bldg.
Owner—Weinstein Co., 1041 Market st.
Architect—Hyman & Appleton, 68 Post.

MARTINEZ, Contra Costa Co., Cal.—Valine & Lawrence, Rodeo, at \$10,000 awarded contract by Frank Brady, local plumbing contractor, to erect one-story brick store building at Ferry and Ward Sts.; 35 by 100 feet.

THEATRES

Plans Being Completed.
THEATRE Cost, \$75,000
ANTIOCH, Contra Costa Co., Cal.
On and two-story reinforced concrete theatre and store building (4 stores and 6 offices).
Owner—Fred S. Stamm and H. Reede, Antioch.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Manager of Constr.—Fred S. Stamm, Antioch

Construction To Start Immediately.
THEATRE Cost, \$—
SAN FRANCISCO, SW Chestnut and Steiner Sts.
Two-story Class A theatre building (1500 seating capacity).
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessees—Edward Barron and Carol A. Nathan, 221 Golden Gate Ave., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.

Sketched Prepared.
THEATRE BLDG. Cost, \$400,000
SAN FRANCISCO, Broadway, between Grant Ave. and Stockton St.
Two-story steel frame and concrete theatre building.
Owner—New Liberty Theatre (Maurice Klein, Harry Sack, W. S. Godfrey Jr., John S. Meyer, McNeil, Emmick and Golden State).
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Present building on site to be torn down.

Plans Being Prepared
ADDITION Cost \$—
UKIAH, Mendocino Co., Cal.
Alterations and addition to present theatre building.
Owner—State Theatre (George M. Mann)
Architect—Norman R. Coulter, 46 Kearny st., San Francisco.

Plans Being Figured
THEATRE Cost \$85,000
DALY CITY, San Mateo Co., Cal.
One-story steel frame and concrete theatre and store building (2 stores, theatre seating capacity 1250).
Owner—Jefferson Theatre, E. Baron and Carol Nathan, proprietors.
Architect—C. H. Jensen, 605 Market st., San Francisco.

Ready For Bids in One Week
THEATRE Cost \$150,000
REDWOOD CITY, San Mateo Co., Cal.
Broadway, opp. Courthouse.
Class A theatre (seating capacity 1500).
Owner—Hare, Brewer & Clark, Inc., 130 University ave., Palo Alto.
Architect—Reid Bros., 105 Montgomery st., San Francisco.
Lessee—E. J. Arkhust.

Sub-contracts Awarded
THEATRE Cost \$70,000
OAKLAND, Alameda Co., Cal. Alameda Dist.
Class C theatre and store building (1100 seating capacity; 4 stores).
Owner—Blumenthal Theatre Circuit.
Architect—W. I. Garren, deYoung Bldg., San Francisco.
Contractor—Jasper Stacey Co., 216 Pine St., S. F.
Glass—W. P. Fuller Co., 301 Mission st., S. F.
Painting—A. A. Zelinsky, 4420 California st., S. F.
Seats—C. F. Weber & Co., 601 Mission st., S. F.
Curtains and drapes—Baash Upholstering Co.
Organ—Wurlitzer Co., 250 Stockton st., S. F.

As previously reported, plastering awarded to Robert Starrett, 237 13th st., S. F.; heating to Atlas Heating and Ventilating Co., 557 4th st., S. F.; plumbing to L. M. Fearey, 1075 40th st., Oakland; structural steel to Pacific Structural Iron Works, 370 10th st., S. F.; electric wiring to Newbery-Pearce Co., 429 Stevenson st., S. F.

FRESNO, Fresno Co., Cal.—T. and D. Junior Enterprises, Inc., lessees of the new theatre under construction in Fresno st. for L. L. Cory, will install the vitaphone system, through which the spoken word is co-ordinated with photoplays, it is announced by M. Naify, theatre manager at Fresno. The installation will cost \$30,000.

WHARVES AND DOCKS

Plans Being Figured—Bids Close Feb. 29th, 2 P. M.
PIER Cost, \$1,000,000
SAN FRANCISCO, S Channel St., bet. Piers 46 and 50.
Pier, 700 by 360 feet; concrete pile and concrete deck apron of creosoted piles
Owner—State Harbor Board.
Engineer—Frank G. White, Ferry Bldg., San Francisco.

MISCELLANEOUS BUILDING CONSTRUCTION

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 26, 9 A. M., bids will be received by S. A. Evans, City Clerk, for repairs and alterations to building at Municipal Wharf. Details of construction obtainable from George Goebel at Fish Market. Cert. check 10% payable to city req. with bid.

Structural Steel Contract Awarded.
DORMITORY Cost Approx., \$350,000
BERKELEY, Alameda Co., Cal. Rim Road east of Greek Theatre and north of Stadium.
Two, three, four, five, six and seven-story Class A girls' dormitory (Bowles Dormitory).
Owner—University of California.
Architect—Geo. W. Kelham, 315 Montgomery St., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Structural Steel—Steel Service Co., 1280 Indiana St., San Francisco, at \$18,348
As previously reported excavating awarded to J. Catucci, 1212 18th Ave., Oakland.

Plans To Be Prepared

MUSEUM Cost, \$100,000
BERKELEY, Alameda Co., Cal.
 Class A Bible museum.
 Owner—Pacific School of Religion, Berkeley.

Architect—W. R. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.

Construction To Start Immediately

FREIGHT SHED Cost, \$35,000
OAKLAND, Alameda Co., Cal. Seventh and Fallon Sts.
 One-story freight shed (230x350 feet).
 Owner and Builder—Southern Pacific Co., 65 Market St., San Francisco.
 Lessee—Universal Carloading & Distributing Co., 681 Market St., S. F.
 Building has been leased for 5 years.

Sheet Metal Contract Awarded

TRAINING HOME Cost \$200,000
SAN FRANCISCO, N. Silver ave. near Yale st.

Four-story reinforced concrete and brick training home.
 Owner—The Salvation Army, 36 McAllister st., San Francisco.

Architect—R. F. Inwood, 32 Atlantic ave., Long Beach.

Contractor—Geo. T. Gaylor, 36 McAllister st., S. F.

Sheet metal—Guilfoxy Cornice Works, 1234 Howard st.

As previously reported, roofing awarded to Madott & Petersen, 3221 20th st.; grading to Grandfield, Farrar & Carlin, 67 Hoff st., S. F.; concrete to Mission Concrete Works, 125 Kissling st., S. F.

LIVERMORE, Alameda Co., Cal.—Chamber of Commerce is conferring with Southern Pacific Railroad Co. regarding erection of modern freight and passenger depot building in Livermore.

Plans To Be Prepared

MAUSOLEUM Cost, \$100,000
SAN PABLO, Alameda Co., Cal.
 Reinforced concrete mausoleum, interior of marble and bronze.
 Owner—Roman Catholic Archbishop.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

VISALIA, Tulare Co., Cal.—State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, is completing plans and construction will be started shortly on \$20,000 fish hatchery at Kaweah, above Three Rivers.

Contract Awarded

STATION Cost, \$12,000
SAN JOSE, Santa Clara Co., Cal. The Alameda W Sunol St.
 One-story steel frame and concrete service station.
 Owner—E. L. Bronson & Stuart, San Jose.
 Architect—Binder & Curtis, 35 W-Santa Clara St., San Jose.
 Contractor—E. Nommensen, 28 N-First St., San Jose.

SALINAS, Monterey Co., Cal.—Until Feb. 6, 5 p. m., bids will be received by M. R. Keef, city clerk, to install patent toilets in Sherwood's Park. Plans on file in office of clerk.

Preparing Working Drawings

MEMORIAL PARK Cost, \$200,000
HONOLULU, T. H., Diamond Head.
 Memorial Park (Columbarium, mausoleum, chapel, offices, etc.).
 Owner—Diamond Head Memorial Park, Inc. (Walter E. Wall, Mgr.)
 Architect—B. J. S. Cahill, 357 12th St., Oakland.

When bids will be called for is indefinite.

SAN JOSE, Santa Clara Co., Cal.—City council approves plans of City Engineer Wm. Lopp for subway under The Alameda opposite Hester school. Will be constructed under direct assessment plan. Estimated cost \$7500. It is expected bids will be asked shortly.

SACRAMENTO, Cal.—Until Feb. 6, 10 A. M., bids will be received by Harry W. Hall, county clerk, to fur. rock at various points throughout Sacramento County; car shipments will approximate 2000 tons and elver shipments about 3000 tons. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Spec. on file in office of clerk and obtainable from County Engineer Chas. Detterding Jr.

BAKERSFIELD, Kern Co., Cal.—Monolith Portland Cement Co., Bartlett Bldg., Los Angeles, will expend \$350,000 in enlarging plant, located in Tehachapi Valley, 50 miles east of Bakersfield.

OROVILLE, Butte Co., Cal.—Until Feb. 7, 1:30 P. M., bids will be rec. by C. F. Belding, county clerk, to fur. crushed rock, washed and unwashed gravel, crushed road rock, pea gravel and concrete sand during the year 1928, deliveries to be made as requested by County Road Engineer Harry H. Hume. Specifications on file in office of clerk and obtainable from engineer.

SALINAS, Monterey Co., Cal.—Salinas Post, American Legion, will take option on 53-acre site opposite Rodeo grounds to be developed as an airport. Of total money required to finance the project, \$1000 is available.

MARYSVILLE, Yuba Co., Cal.—Dunning Bros., operating the California Garage, 4th and I Sts., have started construction on the first unit of a \$100,000 motor hotel; two stories in height around two sides of the triangular block on the west side of I st., south of Fourth. The circular third side of the block will have a string of one-story concrete cottages of the "camp" type, the motorists to furnish their own bedding, cooking equipment, etc. Central kitchen and dining room will be provided, together with swimming pool, showers and community kitchen. A number of store bldgs. will also be erected in connection with the project.

SPADRA, Los Angeles Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general construction of Employee Building and Garage at the Pacific Colony, Spadra. The Employees Building will be a two-story building with reinforced concrete exterior walls, tile roof and reinforced concrete and frame interior construction. The garage will be of reinforced concrete construction with composition roof and wire partitions. Geo. B. McDougall, state architect:

General Work

Campbell Const. Co., 228 East Transit st., Ontario, \$36,250; A. A. Laisy & Co., Los Angeles, \$38,770; Gene B. Foster, Los Angeles, \$39,611; Johnson Const. Co., Los Angeles, \$39,690; Pozzo Const. Co., Los Angeles, \$41,492; Wm. Rohrbacher, Santa Ana, \$41,685; Macdonald & Driver, Los Angeles, \$41,819; J. E. Kobler, Los Angeles, \$41,989; Geo. Herz & Co., San Bernardino, \$42,100; V. Ray Gould, Los Angeles, \$42,146; John Strona, Pomona, \$42,250; Blue Ribbon Builders, Ontario, \$42,898; John H. Kuhl Jr., Beverly Hills, \$42,962; Nance & Strauser, Sawtelle, \$44,857; Louis A. Geisler, Huntington Park, \$45,778; Fred F. Greenfield Co., Los Angeles, \$45,918; Walter Slater Co., Los Angeles, \$51,133; Witt & Chute, Los Angeles, \$52,988.

Electrical Work

Moore Electric Co., 321 W Third st., Los Angeles, \$1830; American Electric Cons. Co., Inc., Los Angeles, \$1879; R. R. Jones Electric Co., So. Pasadena, \$2066; R. B. Winder, Covina, \$2079; Walter H. Smith, Long Beach, \$2385.

Plumbing and Heating

Jones Heating Co., 28 East Union st., Pasadena, \$8812; W. P. McArthur, Los Angeles, \$9508; Hickman Bros., Inc., San Pedro, \$9576; Latourrette-Fical Co., Sacramento, \$9816; Walter H. Smith, Long Beach, \$9950; Thomas Haverly Co., Los Angeles, \$11,467.

Plumbing, Heating and Electrical Work

Walter H. Smith, 1082 Raymond ave., Long Beach, \$12,050.
 Bids taken under advisement.

BERKELEY, Cal. — A. P. Giannini, president of the Bancitaly Corp., and founder of the Bank of Italy, has offered \$1,500,000 for the establishment of a Foundation of Agricultural Economics to the University of California. Of the total sum, \$1,000,000 will go to the foundation itself and \$500,000 will finance erection of a building on the university campus at Berkeley.

RICHMOND, Contra Costa Co., Cal.—Western Pipe & Steel Co., 444 Market st., San Francisco, at approx. \$250,000 awarded cont. by Petroleum Securities Co. for steel storage tanks and erection

at Point Potrero. Concrete foundations are in place and steel plates are on the ground ready for assembling. (313) 1st report Oct. 5; 4th Dec. 12, 1927

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity and self-addressed envelope for reply by mail:

D-2729—Salt Lake City Representation. San Francisco, Cal. Young man, having good education and business experience, now employed in San Francisco, will represent manufacturer or wholesale business in Salt Lake City, Utah. Good references. Investment if necessary.

D-2730—Chicago Representation. San Francisco, Cal. Business man seeks connections with manufacturers and importers who have no representation in Chicago or the surrounding territory. Will be ready to take the matter up within ninety days.

D-2831—Louisiana Representation. New Orleans, La. Merchandise broker is anxious to obtain active account for the sale and distribution of California merchandise and food products in Louisiana.

D-2733—Letter Sign for Storekeepers. New York, N. Y. United States sales distributor of a new and novel interior letter sign for storekeepers, desires to appoint a suitable salesman or selling organization to handle his line in San Francisco and surrounding territory.

D-2734—Refrigerating Machines. Glendale, Cal. Gentleman wish to get in touch with San Francisco business man or a manufacturing concern, interested in taking over the exclusive manufacturing and selling rights of a line of small refrigerating machines, from 1/6 hp. up. Machines are said to have several advantageous features not included in similar machines which are now on the market.

D-2736—Red and Yellow Fir Pitch. Cottage Grove, Ore. Party has for disposal either clear or cloudy red and yellow fir pitch in 50-gal. barrels.

12592—Chemicals. Helsingfors, Finland. Importers are desirous of establishing business connections with San Francisco suppliers of various chemicals, such as naphthalen, nitric acid, ochre, oxalic acid, paraffin, phosphoric acid, potash, quartz, red iron ochre, red lead, rennet, rosin, saccharine, salt, silicates of soda, sulphuric acid, soda, tale, tartaric acid, white lead, white vitriol, vinegar and zincwhite.

12602—Cedar Timber. Genoa, Italy. Trading company seeks connections with San Francisco exporters of cedar timber.

12607—Porcelain Chinaware and Kindred Lines. Jefferson City, Mo. Individual seeks connection with San Francisco importers and wholesalers of Chinese and Japanese porcelain, chinaware, etc.

12609—Japanese Manufacturers. Osaka, Japan. An established manufacturers' representative and exporter is in a good position to obtain the following goods direct from both the large and small factories: silk, both yarn and piece goods, tortoise shell, silk and paper lanterns, real and imitation pearl, porcelainware, lacquerware, brushes and all kinds of sundries; and wishes to act as buying agent, examiner, packer, or in some other capacity for San Francisco firms interested in goods from Japan.

12613—Mahogany and Cedar. Mexico. Company having a large hacienda in southwestern Mexico, covered with high-grade mahogany and red Spanish cedar, desire to enter a contract for one million feet or more of this lumber.

12616—Salt Grinding Mill. Puerto de San Jose, Guatemala. Company is desirous of purchasing a salt grinding or salt crushing mill and requests quotations and sizes. C. I. F. Port San Jose, Guatemala.

12618—Box and Barrell Shooks and Firewood. San Juan, Porto Rico. Commission representative is particularly interested in securing connections with manufacturers and exporters of flour for manufacturing noodles, Manila twine, shoos for grapefruit and pineapple boxes, barrel shoos for shippers of tobacco; firewood.

Engineering News Section

BRIDGES

SUTTER COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., Feb. 14, to const. causeway on Yuba City to Knights Landing Highway over Sutter By-pass. Project involves: 42,132 ft. furnishing creosoted Douglas fir piles; 392 ft. furnishing untreated Douglas fir piles; 978 each driving Douglas fir piles; 820 M. feet board measure creosoted Douglas fir timber selected common stringers; 519 M. ft. board measure creosoted Douglas fir timber selected common; 147 M. board measure untreated Douglas fir timber selected common; 2280 cu. yds. class A cem. conc; 180,000 lbs. reinf. steel; 100,000 lbs. hardware; 720 lin. ft. traffic treads.

ORANGE COUNTY, Cal.—Paul M. White, Santa Monica, at \$21,971 awarded cont. by State Highway Comm. to const. reinf. conc. girder bridge over Aliso creek about 8 mi. north of San Juan Capistrano, 40 ft. wide, consisting of two 20-ft. spans; also to widen to 40 ft. rdwy. existing reinf. conc. girder bridge 2 mi. south of Tustin, consisting of two 15-ft. spans. Eng. est. \$25,269.

RIVERSIDE, Cal.—deWaard & Son, 225 Western Mutual Life Bldg., Los Angeles, at \$74,310 awarded cont. by city to const. 3-span reinf. conc. arch bridge including approaches in Victoria ave.

AMADOR COUNTY, Cal.—Following bids rec. Jan. 19 by R. E. Pierce, acting dist. eng., State Highway Comm., 414 Highway Bldg., Sacramento, to const. timber bridge over Dry creek, 2.3 mi. west of Ione, consisting of eight 19-ft. spans on creosoted pile bents:
Holdener Construction Co., 2608 R-st., Sacramento\$ 8,368
M. J. Jenkins, Sacramento..... 9,657
M. B. McGowan, S. F.....11,869
Contract to be awarded to low bidder.

NAPA, Napa Co., Cal.—City Eng. H. A. Harold completing plans for proposed bridge over Napa river in Third st. Tests for piling are now being made.

LOYALTON, Sierra Co., Cal.—School trustees contemplate bond issue to finance erection of a new high school. Present high school quarters are maintained in the grammar school.

AMADOR COUNTY, Cal.—Holdener Construction Co., 2608 R St., Sacramento, at \$3368 (eng. est. \$11,869) awarded cont. by State Highway Comm. to const. timber bridge over Dry Creek, 2.3 mi. west of Ione, consisting of eight 19 ft. spans on creosoted pile bents.

SAN FRANCISCO—L. J. Cohn, 117 Montgomery st., at \$8880 sub. low bid to Bd. Pub. Wks. to fur. and place steel tie rod anchors for 3rd st. and Channel st. Bridge. Other bids: M. B. McGowan, \$9634; Healy & Tibbitts, \$11,616.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—City Manager Henry S. Callahan granted authority to enter into a contract with Hauser Construction Co to extend breakwater an additional 300 feet at a cost of \$100,000. The total length of the breakwater will be 7282 ft. Col. E. N. Johnston is the city consulting engineer for this work. The government plans to construct a lighthouse at the sea end as soon as the breakwater is completed.

PETALUMA, Sonoma Co., Cal.—As previously reported, bids will be rec. by U. S. Engineer Office, Customhouse, San Francisco, Feb. 13, 11 A. M., for dredging

in Petaluma Creek. Project involves: 474,000 cu. yds. place measurement dredging; 251,000 cu. yds. place measurement allowable overdepth dredging. Spec. obtainable from above office.

RICHMOND, Contra Costa Co., Cal.—United Dredging Co., 414 Thirteenth St., Oakland, at 19.88c cu. yd. sub. low bid to city to dredge inner harbor, involv. approx. 425,000 cu. yds. Other bids: Longview Dredging & Construction Co., 19 1/4c; San Francisco Bridge Co., 22c. Referred to City Eng. E. A. Hoffman for report.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Turlock Irrigation District has completed formation of Imp. Dist. No. 2 comprising 2000 acres in Mt. View section. Improvements costing \$30,000 are contemplated; 2 mi. of ditch will be lined with concrete in addition to other imps.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 11, 10 a. m., bids will be rec. by Anna M. Sorensen, secty., Turlock Irrigation District, to shape and for cone. lining approx. 2 mi. of existing ditches and install structures for Imp. Dist. No. 1, involv:

Schedule No. 1—Approx. 105,600 sq. ft. 2-in. thick concrete canal lining.

Schedule No. 2—Approx. 5 structures, a total of 9 cu. yds. of conc. and 900 ft. B. M. bridge timber.

Cert. check 5 per cent payable to dist. req. with bid. Specifications obtainable from secty. See call for bids under official proposal section in this issue.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 10, 10 a. m., bids will be rec. by Anna Sorensen, secty., Turlock Irrigation District, for imps. in Imp. Dist. No. 2, involv:

Schedule 1—10,250 lin. ft. conc. lined ditch with perimeter of 12 1/4 ft. complete, with gates and bridges.

Schedule 2—3800 lin. ft. conc. lined ditch with perimeter of 11.55 ft. complete, with gates and bridges.

Schedule 3—1200 lin. ft. conc. lined ditch with perimeter of 9.22 ft. complete, with gates and bridges.

Schedule 4—2850 lin. ft. conc. lined ditch with perimeter of 9.22 ft. complete with gates and bridges.

Schedule 5—3300 lin. ft. conc. lined ditch with perimeter of 9.22 ft. complete with gates and bridges.

Cert. check 5 per cent payable to dist. req. with bid. Specifications obtainable from secty. of dist. See call for bids under official proposal section in this issue.

YREKA, Siskiyou Co., Cal.—Election will be held in Big Springs Irrigation District Feb. 2 to vote bonds of \$69,000 to finance const. of irrigation works. Victor Bovo is secty. of the district.

LIGHTING SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Stockton Chamber of Commerce and local foundries will request city council to ask bids on "open specifications" for installation of electrolier system to be installed in various streets this year. W. B. Hogan is city eng.

SACRAMENTO, Cal.—Three local foundries have filed a request with the city commissioners seeking a change in city specifications for electrolier systems, that they might be permitted to bid on the projects. Under the present specifications they are unable to compete. Allen J. Wagner, city eng.

ALAMEDA, Alameda Co., Cal.—City petitioned to install ornamental electroliers in Versailles ave. and Mound st. Standards will also be installed in Calhoun st.

MADERA, Madera Co., Cal.—Until Feb. 20, 7:20 p. m., bids will be rec. by Jas. Wakefield, city clerk, to fur. and install 47 electroliers with wiring, etc., in F st. bet. Central ave. and Ninth st. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—City Manager C. O. Dunbar preparing estimates of cost for ornamental lighting system in Main st. from 2 blocks south of bridge to 3rd st., and in Hinton and Exchange aves., to 4th st; 3rd st. from A to Main and Mendocino ave. bet. 4th st. and city limits.

TULARE, Tulare Co., Cal.—City Eng. Rodney Berryhill preparing spec. for electroliers in 17 blocks of streets, including from Inyo st. on South K to fair grounds and in J st. from King to Bush sts., and one block of Bush st. bet. J and K sts.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp preparing spec. for electrolier system in First St., bet. San Fernando and San Salvador Sts. John J. Lynch, city clerk.

MACHINERY AND EQUIPMENT

CARSON CITY, Nevada—State Highway Commission, S. C. Durkee, chief engineer, will expend \$50,000 during current year to purchase new road equipment including tractors, graders and small trucks.

TURLOCK, Stanislaus Co., Cal.—American Legion plans to expend \$400 together with an additional \$300 donated by the Chamber of Commerce, to finance fencing of the Legion athletic field comprising seven acres.

LAKEPORT, Lake Co., Cal.—Bids will be asked at once by city to fur. Ford or Chevrolet truck for water works; allowance to be made for 1923 Ford truck no longer required by the city. Further information obtainable from city clerk.

SANTA ROSA, Sonoma Co., Cal.—County grand jury, in annual report, will recommend installation of modern electrolier system about county courthouse grounds. W. W. Shulaw, district manager for the Pacific Gas & Electric Co., is expected to submit estimates of cost.

RESPIRATORS are carried
to fit a variety
of needs

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

PHOENIX, Ariz.—Until 2 p. m., Feb. 2, bids will be rec. by Arizona Highway Department, Phoenix, to fur. 26 motorized road graders, 10 crawler type small tractors; 4 small tractors; 10 feshos for power units, 5 belt conveyors, 5 scarifier attachments for motor graders; 8 rough ploughs. Spec. may be obtained from engineer, or from commission's purchasing agent. Cert. check 5 per cent. W. C. Lefebvre, state eng.

HUNTINGTON BEACH, Cal.—Until 7:30 p. m., Feb. 6, bids will be rec. by city to fur. 1 or 1½-ton truck chassis and cab, taking as part payment Ford truck now in use. C. R. Furr, city clerk.

FIRE ALARM SYSTEMS

EUREKA, Humboldt Co., Cal.—City council plans to rebuild electric fire alarm system. Some portions of wire system have been in use for 30 years.

FIRE EQUIPMENT

CORONADO, Cal.—City council has approved purchase of 200 ft. 2½-in. fire hose.

MERCED, Merced Co., Cal.—City trustees conferring with American La France Co. regarding purchase of additional fire apparatus.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Feb. 6, 7:30 P. M., bids will be received by Daniel McSweeney, city clerk, to fur. fire alarm apparatus. Bids will be received as follows: (1) wire, cross-arms, insulators and pole hardware; (2) erect and install wire, cross-arms, insulators and pole hardware on poles and other places; (4) fur. and install forty (40) fire alarm boxes; (5) furnish and install an electric siren. Specifications on file in office of clerk.

Bids were previously reported to be opened Jan. 23, 7:30 P. M.

MISCELLANEOUS SUPPLIES

YUBA CITY, Sutter Co., Cal.—Until Feb. 7, 10 A. M., bids will be received by Albert B. Brown, county clerk, to fur. 2 earloads No. 1 lump coal, 90 tons, more or less; delivered Sutter County Hospital and courthouse. Cert. check \$75 req. with bid, payable to Chairman of Bd. of Sups. Further information obtainable from clerk.

PIPE LINES, WELLS, ETC.

DELANO, Kern Co., Cal.—City will purchase 250 ft. or more of perforated 8-in. liner for well at city water works.

SEWAGE DISPOSAL PLANTS

MODESTO, Stanislaus Co., Cal.—City appropriates \$10,500 to finance construction of sewage screens and other imps. to septic sewer tank. H. E. Gragg, city clerk. Frank Rossi, city engineer.

MISCELLANEOUS CONSTRUCTION

RENO, Nevada—Washoe County Commissioners contemplate const. of underpass under the Southern Pacific R. R. to provide highway connection from Second St. to Verdi Highway. It is probable that the City of Reno will assist in financing the project.

SANTA BARBARA, Cal.—E. M. Fillmore, Santa Barbara, sub. low bid to city at \$3890 to fur. city with a street sweeper. Other bids were: Elgin Sales Corp., \$7450; Austin-Western Machinery Co., \$7200.

WATER WORKS

TURLOCK, Stanislaus Co., Cal.—Osborn & Son, Turlock, at \$7.90 cents per ft. awarded cont. by city to fur. 600 ft. 8-in. Matheson joint pipe.

MARTINEZ, Contra Costa Co., Cal.—Western Plywood Co. is installing private fire protection system for its veneer plant, involving automatic sprinkling system throughout entire plant, 75,000 gal. tank on 75 ft. steel tower in addition to hydrants.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 7, 7:30 p. m., bids will be rec. by A. P. Ferguson, city clerk, to fur. 1050 ft. 6-in. Matheson joint pipe, asphaltum dipped or its equal. Alt. bids will be considered for class B bell and spigot pipe, asphaltum dipped. Cert. check 10 per cent req. with bid. Shipment to be made f. o. b. Turlock.

VALLEJO, Solano Co., Cal.—Directors of Vallejo Utilities and Service, Inc., which contemplated const. of water supply system in Conn Valley near St. Helena, have dropped the matter due to opposition of Napa and Solano county farmers and cities of Napa and Vallejo.

TURLOCK, Stanislaus Co., Cal.—Pacific Pipe Co., San Francisco, at \$0.8729 per 100 ft. sub. low bid to city to fur. 600 ft. 8-in. pipe for water extensions. Other bids were: American C. I. Pipe Co., \$0.958; B. Nicoll Co., San Francisco, \$0.97; Osborn & Son, Turlock, \$0.9790; G. Weissbaum Co., San Francisco, \$1.00. Taken under advisement.

MODESTO, Stanislaus Co., Cal.—City council appropriates \$8000 to purchase water pipe. Bids will be asked as the pipe is required. H. E. Gragg, city clerk. Frank Rossi, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 2, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to fur. 4500 ft. 14 in. steel pipe, No. 12 gauge, soil-proof, coated and dipped in hot asphaltum or equal good dip. Joints to be prepared for field welding. Pipe to be not less than 18-ft. lengths and to withstand a pressure of 150 lbs. to sq. in. All pipe and coating to be free from cracks and checks. Successful bidder to furnish extra soil-proof covering and dipping fluid for field joints. All riveted pipe to be doubled riveted and caulked and made tight before dipping. Successful bidder may weld seams instead of riveting, if tested to 150 lbs. to the sq. in. before dipping. To be delivered f. o. b. Santa Cruz, 90 days after award. Further information obtainable from clerk. Roy Fowler, city eng.

ANAHEIM, Cal.—Until 8 p. m., Feb. 9, bids will be rec. to rebuild Krogh deep well turbine pump. Cert. check 10 per cent. Edward B. Merritt, city clerk.

EUREKA, Humboldt Co., Cal.—Until Feb. 7, 5 P. M., bids will be rec. by John Griffith, city supt. of public works, to fur. 60 days after award of contract, 5000 ft. 8-in. Class B e. i. pipe with bell and spigot joints; f. o. b. wharf, Eureka. See call for bids under official proposal section in this issue.

CHOWCHILLA, Madera Co., Cal.—L. W. Redman, Fresno, at approx. \$8000 awarded cont. by city to const. 4-in., 6-in. and 8-in. welded steel pipe line together with gate valves in connection with water system.

PASADENA, Cal.—Until Feb. 2, 9:30 A. M., bids will be rec. by Bessie Chamberlain, city clerk, to fur. following materials:

Item 1: 6800 ft. 9-in., 1680 ft. 6-in. and 6600 ft. 4-in. cast iron water pipe.

Item 2: 6800 ft. 8-in. wrought steel pipe, weight not less than 13,233 lbs. per ft.; 1680 ft. 6-in. and 6600 ft. 4-in. wrought steel pipe, weight not less than 8762 lbs. per ft.; fur. in random lengths averaging not less than 18 ft. with plain ends for welding. All pipe shall have been dipped inside and outside in a bath of a good quality of refined asphalt or coal tar pitch by the manufacturer.

Item 3: 6800 ft. of 8-in. wrought steel pipe, weight not less than 13,233 lbs. per foot; 1680 ft. of 6-in. wrought steel pipe, weight not less than 8,762 lbs. per ft.; 6600 ft. of 4-in. wrought steel pipe, weight not less than 5,293 lbs. per ft.; fur. in random lengths averaging not less than 18 ft. with plain ends for welding. All pipe shall have been dipped inside and outside in a bath of a good quality of refined asphalt or coal tar pitch and shall be wrapped with mica covered pipe covering of best standard grade.

Item 4: 22,800 ft. 2-in., 20,500 ft. 1½ in. and 3000 ft. 1-in. standard steel pipe, galvanized.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 6, bids will be rec. by A. L. Banks, city clerk, for pump, motor and house in Yosemite Lake Park. Plans obtainable from W. B. Hogan, city engineer.

PLAYGROUNDS AND PARKS

GILROY, Santa Clara Co., Cal.—Gilroy Union High School District plans immediate construction of tennis courts and fencing adjoining high school grounds.

LIVERMORE, Alameda Co., Cal.—Livermore Post, American Legion, will establish a playground at the U. S. Veterans' Hospital; wire fencing in connection with the project will cost \$150 and \$350 for equipment. A drive for funds to finance will be started at once.

SEWERS AND STREET WORK

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (618) to const. storm drain system in portions of Kellogg Ave. and Webster St., involv. 105 lin. ft. 10-in., 762 lin. ft. 15-in., and 225 lin. ft. 18-in. cem. conc. sewer; 2 manholes; 6 catch-basins; 1911 Act, Bond Act 1915. Protests Feb. 14. J. F. Byxbee Jr., city eng. E. L. Beach, city clerk.

HILLSBOROUGH, San Mateo Co., Cal.—City declares inten. (28-1) to imp. portions of San Raimundo Rd., involv. removal of present pace and replace with 3-in. asph. conc. base pavement with 3-in. asph. conc. surface; cem. conc. gutters; 4-in. tile drain pipe. 1911 Act, Bond Act 1915. Protests Feb. 7. John A. Hoey, town clerk.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used. Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robert B. Chandler making surveys for road to connect Saratoga with the route of the proposed Skyline Blvd. Est. cost, \$150,000.

SACRAMENTO, Cal.—H. H. Parker, 1045 41st St., Sacramento, awarded cont. by city to imp. Miller Way, bet. Stockton Blvd. and X St., and X St., bet. Miller Way and 36th Sts., involv. grade, conc. walks.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City orders spec. prepared for sidewalks on San Bruno rd. bet. Grand and Baden aves.

PORTERVILLE, Tulare Co., Cal.—C. R. Gurdy, Porterville, at \$7000 awarded cont. by city to grade; conc. curbs; part circle corr. iron culverts; 4-in. decomposed granite pave. with asph. oil surface.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (618) to const. 15-in. and 18-in. cem. conc. storm water sewers in portions of Kellogg ave. and Webster st., includ. manholes, inlets, etc.; 1911 act, bond act 1915. Protests Feb. 14. E. L. Beach, city clerk; J. F. Byxbee Jr., city eng.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1391) to imp. Sonoma Ave., bet. South E St. and east city limits, involv. grade; reconst. present pave for 4-in. waterbound macadam base; 3-in. asph. conc. surface pave.; hyd. conc. curbs, gutters. 1911 Act, Bond Act 1915. Protests Feb. 7. C. B. Reid, city clerk.

OROVILLE, Butte Co., Cal.—Until Feb. 7, 1:30 P. M., bids will be rec. by C. F. Belding, county clerk, to fur. crushed rock, washed and unwashed gravel, crushed road rock, pea gravel and concrete sand during the year 1928, deliveries to be made as requested by County Road Engineer Harry H. Hume. Specifications on file in office of clerk and obtainable from engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—San Lorenzo Valley Chamber of Commerce seeks to organize sanitary district in Lorenzo Supervisorial District. Frank O. Meody of Boulder Creek has been named chairman of a committee to further the project. Lloyd Bowman is county surveyor.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1381) to imp. Sonoma Ave., bet. South E St. and east city limits, involv. grade; reconst. present paves to form 4-in. waterbound macadam base; 3-in. asph. concrete surface pave.; hyd. conc. curbs, gutters. 1911 Act, Bond Act 1915. Protests Feb. 7. C. B. Reid, city clerk. Arthur P. Noyes, city eng. C. B. Reid, city clerk.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (615) to imp. Emerson St., bet. Tennyson and California Aves., involv. grade; hyd. conc. pave.; conc. curb; cem. walks and Fulton St., bet. Addison Ave. and Lincoln Ave., involv. grade; hyd. conc. pave. 1911 Act, Bond Act 1915. Protests Feb. 14. E. L. Beach, city clerk. J. F. Byxbee Jr., city engineer.

SACRAMENTO, Cal.—Until Feb. 6, 10 A. M., bids will be received by Harry W. Hall, county clerk, to fur. rock at various points throughout Sacramento County; car shipments will approximate 2000 tons and river shipments about 3000 tons. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Spec. on file in office of clerk and obtainable from County Engineer Chas. Deterding Jr.

SAN FRANCISCO—Louis J. Cohn, 117 Montgomery st., awarded cont. by Southern Pacific R. R. to imp. Harrison st. bet. 14th and 21st sts., involv. pave., manholes, catchbasins, storm water inlets, drain, culvert, walks, granite curbs, etc. Bond of \$14,102 filed in connection with project.

EL CERRITO, Contra Costa Co., Cal.—Central Construction Co., Oakland Bank Bldg., Oakland, at \$24,350 awarded cont. by city to imp. portions of Arlington Blvd., involv. 150,327 sq. ft. grading; 18-18-in., 66 lin. ft. 24-in., 65 lin. ft. 30-in., 18-in., 66 lin. ft. 24-in., 56 lin. ft. 30-in., 66 lin. ft. 48-in. corr. culverts; 19 cu. yds. rip-rap.

SANTA MARIA, Cal.—Cronwall Construction Co., 227 Equestrian St., Santa Barbara, awarded cont. by city at \$29,098 to imp. East Church St., involv. asph. conc. paving, curbs, etc.

PLACERVILLE, El Dorado Co., Cal.—City will call election shortly to vote bonds of \$45,000 to finance street paving.

OAKLAND, Cal.—City declares inten. to imp. Madison St. from Lake St. north, involv. grade; pave.; curbs; gutters; walks. 1911 Act. Protests Feb. 9. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. to grade and place 4 ft. wide rock wall along northwest side of Woodside Road. Est. cost, \$500.

RICHMOND, Contra Costa Co., Cal.—City Eng. E. A. Hoffman preparing spec. to pave Standard Ave., Pullman Ave. into Panhandle Blvd. and Key Blvd., Prather and Rheem Aves., including curbs, gutters, walks, etc. A. C. Faris, city clerk.

ANGELS CAMP, Calaveras Co., Cal.—Bids are being rec. by town trustees for approx. 6000 sq. yds. asph. macadam surfacing. Plans prepared by State Highway Dept., and one file in office of town

SANTA CRUZ, Santa Clara Co., Cal.—City declares inten. (406-C) to imp. portions of Pearl st. and Laurel sts., involv. 5-in. cem. conc. pave; conc. walks, driveway approaches, catchbasins; vit. clay sewer laterals; w. i. water service connections; conc. meter boxes. 1911 act, bond act 1915. Protests Feb. 9. S. A. Evans, city clerk; Roy Fowler, city eng.

SACRAMENTO, Cal.—H. Gould, 1022 27th St., Sacramento, awarded cont. by city to imp. 37th St., bet. 9th Ave. and pt. 180 ft. n. of 12th Ave., involv. vit. pipe sewer; conc. manhole with c. i. curb and cover.

EL MONTE, Cal.—City plans to imp. Walnut Ave., Oak St., Utah St., and other streets, under 1911 Act, involv. 4-in. asph. conc. pavement, 4-in. D. G. sub-base, curb, 8-in. vitrified sewers, manholes, flush tanks, etc. B. B. Moore, city clerk.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (615) to imp. Emerson St., bet. Tennyson and California Aves., involv. 476 lin. ft. conc. curb; 11-355 sq. ft. grading; 1500 sp. ft. 5-in. conc. pave; 9555 sq. ft. 6-in. conc. pave; 1911 Act, Bond Act 1915. Protests Feb. 14. J. F. Byxbee Jr., city eng. E. L. Beach, city clerk.

OAKLAND, Cal.—Smith Construction Co., Oakland, awarded cont. by city to sewer portions of Buckeye Ave. and Edith St., involv. 8-in. pipe sewer, \$140 lin. ft.; manholes, \$60 ea.; 12-in. lampholes, \$25 ea.; 8-in. lampholes, \$25 ea.; drop connections, \$25 ea.; wye branches, \$1 ea.

OAKLAND, Cal.—J. H. Fitzmaurice, 354 Hobart St., Oakland, awarded cont. by city to imp. portions of Mauritania Ave., involv. grade, \$.09 sq. ft.; conc. curb, \$.77 lin. ft.; conc. pave, \$.23 sq. ft.; reconst. manhole, \$50.

SAN FERNANDO, Cal.—Until 7:30 P. M., Feb. 6, bids will be rec. to imp. Keweenaw St., bet. Mission Blvd. and Kallisher St., involv.: 18,000 sq. ft. 6-in. concrete pavement; 104 ft. concrete curb; 5100 sq. ft. concrete sidewalk; 240 ft. house sewers. Plans on file in office of I. A. Swartout, city clerk.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 9, 7:30 p. m., bids will be rec. by R. Y. Burum, secy., Bakersfield School District, to grade and pave south half of Eureka st. bet. Union ave. and Curran lane. Cert. check 10 per cent payable to dist. req. with bid. Spec. obtainable from secy.

WASHINGTON, D. C.—Secretary of Agriculture, J. H. D. has approved apportionment of \$7,500,000 for road imps. in the National Forests. The fund authorized by Congress in 1926 will be disbursed during the fiscal year beginning July 1, 1928. Forests in Idaho will receive \$1,151,000 and in California \$1,112,155; Oregon, \$1,074,899; Montana, \$680,151; Washington, \$623,879; Alaska, \$490,844.

NEVADA STATE—State Highway Commission has approved new road and maintenance program for 1928 involving an expenditure of \$1,701,038. Approx. 100 miles to new highway will be built in twelve counties. Approx. \$1,253,000 will be expended on constr. and imp. of Federal-State highways and \$276,000 on maintenance of the present system. Approx. \$50,000 will be used in purchase of new road equipment, including tractors, graders and small trucks. S. C. Durkee, State Highway Engineer.

OAKLAND, Cal.—Heafey-Moore Co., 344 High St., Oakland, awarded cont. by city to imp. portions of Harding Way and Tiffin Rd., involv. excavation, \$.80 cu. yd.; conc. curb, \$.75 lin. ft.; conc. gutter, \$.25 sq. ft.; 1½-in. Willite surface on 3½-in. asph. conc. base, \$.23 sq. ft.; cem. walk, \$.17 sq. ft.; 18-in. pipe conduit, \$.35 lin. ft.; 21-in. pipe conduit with conc. cover, \$.475; 21-in. pipe conduit without cover, \$.425; 21-in. storm water inlet, \$.60; 34-in. inlet, \$.80; conc. end wall, \$.95 cu. ft.

MOUNTAIN VIEW, Santa Clara Co., Cal.—City trustees order const. of cem. walks in west side of Calderon St. from state highway to Church St. in south side of Church St. from Claderon to View Ave.

SAN LUIS OBISPO, Cal.—S. G. Whittelsey, 830 Market st., San Francisco, preparing plans for a 5¼-mi. highway bet. Oceano and Pismo Beach; 1925 Act, and imp. act. Project involves 400,000 sq. ft. Warrenite-bitul surface paving with asph. conc. base, 36,000 cu. yds. excav., 8000 cu. yds. gravel, timber bridge, reinf. conc. viaduct, retaining walls, culverts, etc. Est. cost \$125,000; Eng. also maintains office at Pismo Beach.

OAKLAND, Cal.—California Construction Co., 58 Second St., San Francisco, awarded cont. by city to imp. portions of E-17th St., 3rd, and 4th Ave., involv. grade, \$.049 sq. ft.; conc. curb, \$.75 lin. ft.; conc. pave; \$.229 sq. ft.; cem. walks, \$.175 sq. ft.

GILROY, Santa Clara Co., Cal.—Petitions presented by property owners to pave various streets favor conc. pavement. Of 130 names on petition, 90 favor conc. pavement and the balance asph. pavement.

SANTA CRUZ, Santa Cruz Co., Cal.—City council will start proceedings shortly to imp. Beach st. from San Lorenzo river to Main st. Property owners are in favor of the work. Roy Fowler, city eng.

REDWOOD CITY, San Mateo Co., Cal.—Allied Contractors, Inc., Los Angeles, at \$164,675 awarded cont. by county to imp. sts. in Bayview Heights, involv. in the main 30,000 cu. yds. excavating, 362,700 sq. ft. 5-in. and 6-in. asph. conc. paving, 121,200 sq. ft. waterbound macadam paving, 51,000 sq. ft. cem. walk, 10,900 ft. cem. curb, 10,400 ft. 24-in. cem. gutter, 32 electroliers and appurtenances, 17,150 ft. 4-in. to 8-in. san. sewer and appurtenances, 2102 ft. 12-in. and 24-in. storm drain and appurtenances, and 16-550 ft. 2-in. to 8-in. water pipe and appurtenances.

OAKLAND, Cal.—City declares inten. to imp. portions of Laird Ave., bet. Seminary and Sixty-fourth Aves., and portions of 64th Ave. adjacent to Laird Ave., involv. grade; curb; pave. 1911 Act. Protests Feb. 2. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

NAPA, Napa Co., Cal.—Until Feb. 4, 10 A. M., bids will be rec. by Jas. A. Daly, county clerk, to const. conc. rails and pavement leading to bridge near Wassum Ranch. Cert. check 10% payable to Chairman of Board of Suprs. req. with bid. Plans on file in office of clerk.

MERCED, Merced Co., Cal.—United Concrete Pipe & Constr. Co., Merced, awarded cont. by city to imp. alley in Block 119, involv. grade, \$.025 sq. ft.; 5-in. conc. pave, 20 ft. wide, \$.169 sq. ft.

PALO ALTO, Santa Clara Co., Cal.—City plans approx. 5 miles of conc. paving during current year of which one and one-third miles will be done by Municipal Paving Plant. J. F. Byxbee Jr., city eng.

Official Proposals

NOTICE TO BIDDERS

(Furniture & Equipment—Sanger Union High School District)

Pursuant to an order of the Board of Trustees of the Sanger Union High School District, County of Fresno, State of California, given the undersigned at a regular meeting of the Board, notice is hereby given that the said Board will receive sealed bids or proposals for the following equipment and furniture for the high school building.

- (1) Electric Program Clocks.
- (2) Electric Lighting Fixtures.
- (3) Metal Lockers.
- (4) Stage Curtains and Fittings.
- (5) Auditorium Seats.
- (6) School Desks.
- (7) Laboratory Furniture.
- (8) General Office Furniture.

Bidders may submit figures on segregated items. All bids must be on forms supplied by the architects.

Specifications and bid forms are on file with the Clerk of the Board. Copies may be obtained at the office of W. D. Coates Jr., Company, Architects, 626 Rowell Building, Fresno.

All bids or proposals must be in the hands of the Clerk of the Board, on or before **February 6, 1928**, at the high school building, at which time and place they will be opened. All bids must be on forms prepared by the architects. They must be placed in sealed envelopes and the name of the bidder and the branch bid upon, must be clearly noted thereon.

A certified check, made payable to the Clerk of the Board, in an amount equal to at least 10% of the total amount of the bid submitted, must accompany each proposal.

The Board reserves the right to reject any or all bids received or to waive any informality in the same.

Dated at Sanger, California, January 19, 1928.

(Signed) **MILO W. BACON,**
Clerk of the Board of Trustees of the
Sanger Union High School District.

NOTICE TO BIDDERS

(Modesto Irrigation District—Stanislaus County)

Sealed proposals will be received at the office of the Modesto Irrigation District at Modesto, Cal., until two o'clock p. m., on the 20th day of February, 1928, for furnishing and delivering to the Modesto Irrigation District supplies designated herein under Items No. E-8, E-9 and E-10. Bids will be received on any or all of the following items:

ITEM: No. E-8: Proposal for furnishing and delivering Electric Water Meters to the Electric Department of the Modesto Irrigation District, Modesto, Cal.

ITEM: No. E-9: Proposal for furnishing and delivering Distribution and small transformers to the Electric Department of the Modesto Irrigation District, Modesto, Cal.

ITEM: No. E-10: Proposal for furnishing and delivering Petroleum Products to the Modesto Irrigation District, Modesto, Cal.

Proposal blanks and detail specifications can be obtained from the secretary of the Modesto Irrigation District.

Contract will be let to the lowest responsible bidder, but the Board of Directors reserves the right to reject any or all bids.

Each proposal must be accompanied by a certified check or bidder's bond for 5 per cent of the amount of the bid, payable to the Modesto Irrigation District, as a guaranty that the bidder will, if successful, execute a contract within 10 days of notice of award and furnish a satisfactory bond of not less than 25 per cent of the contract price for the faithful performance of the work in accordance with the specifications, and a bond for 50 per cent, as provided in Chapter 302 of the Statutes of 1919 of the State of California, said bonds to be approved by said board.

The proposal must be marked "as directed in each separate specification,"

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

rected in each separate specification," and addressed to "Secretary, Modesto Irrigation District, Modesto, Cal."

Done in pursuance of an order of said Board of Directors of the Modesto Irrigation District, this 16th day of January, 1928.

MODESTO IRRIGATION DISTRICT.
By H. G. Jacobsen, president.
By C. S. Abbott, secretary.

NOTICE TO CONTRACTORS

(Gasoline Storage Plant—Crissy Field)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M., January 30, 1928, for gasoline storage plant at Crissy Field, California. Information on application.

NOTICE TO CONTRACTORS

(Distribution Line)

Notice is hereby given that sealed bids for rebuilding a Secondary distribution line for the Tri-County Tubercular Hospital located at Ahwahnee, Madera County, California, will be received by the Tri-County Hospital Committee at their office in the Tri-County Tubercular Hospital at Ahwahnee, Madera County, California, up to the hour of 1 o'clock P. M. of Saturday, February 11, 1928.

According to plans and specifications approved and adopted by said Committee on November 12, 1927, and are on file at the offices of the County Clerks of Madera, Merced and Stanislaus Counties and also at the Office of the Tri-County Tubercular Hospital Committee at Ahwahnee, Madera County, California, to which bidders are hereby referred.

The Committee reserves the right to reject any and all bids.

Dated: January 14th, 1928.

V. D. WHITMORE,
Chairman, Tri-County Tubercular Hospital Committee.

NOTICE TO BIDDERS

(C. I. Pipe—Eureka, Calif.)

Sealed proposals or bids are hereby invited by the Council of the City of Eureka, California, for the use of the Water Department, for furnishing Five Thousand (5000) lineal feet of eight (8) inch Class "B" Cast Iron Pipe with Bell

and Spigot joints, f. o. b. wharf, Eureka, California, delivery to be made not sooner than sixty days or later than ninety days after award of contract.

The said bids will be received in sealed envelopes marked Bids for Cast Iron Pipe, at the office of the Superintendent of Public Works of the City of Eureka, at 524 D Street, Eureka, California, up to hour of 5 o'clock P. M., Tuesday, February 7th, 1928.

Bids will be opened by the City Council of the City of Eureka at eight o'clock P. M., on Tuesday, February 7th, 1928. The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works.

NOTICE TO BIDDERS

For the shaping and concrete lining of approximately 2 miles of existing ditches and installing structures for improvement District No. 1, in the Turlock Irrigation District, Turlock, Calif.

Maze and Wren Ditch Improvement District

Notice is hereby given that sealed proposals for the doing of the work described in the schedule hereinafter set forth will be received by the Board of Directors of Turlock Irrigation District acting for Improvement District No. 1, at its office in the city of Turlock, state of California, at any time up to 10 o'clock a. m. of Saturday, February 11, 1928, at which time and place all bids so received will be opened in public by said board. Thereafter said board will let said work as indicated in the schedules below as a whole, to the lowest responsible bidder or bidders, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for which proposals are hereby invited is divided into 2 schedules as follows:

Schedule No. 1—Consisting of approximately 105,600 square feet of 2-inch thick concrete canal lining.

Schedule No. 2—Consisting of approximately 5 structures, a total of 9 cu. yds. of concrete and 900 ft. B. M. bridge timber.

Said work is more particularly described in the plans and specifications therefor, which may be seen at said office of said Turlock Irrigation District.

A bidder to whom a contract for doing said work may be awarded must furnish bonds as required by law, to-wit: A bond in the sum of at least one-half of the estimated contract price to secure the payment of claims of material men, mechanics, and laborers, and a bond in the sum of at least one-fourth of the estimated contract price conditioned upon the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or a certified check, made payable to the Turlock Irrigation District, for an amount equal to at least 5 per cent of the amount of the bid as guaranty that if the bid is accepted, the bidder will, within five days after notice of its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

The quantities given in the aforesaid schedules are approximations only but will be used in computing the amounts of the deposit and the bonds hereinbefore required.

The contractor will be paid for the work bid, with warrants issued by the directors of the Turlock Irrigation District as provided in Senate Bill No. 5, "An act to provide for the organization and creation of improvement districts within irrigation districts organized under the 'California Irrigation District Act'; to provide for the construction of improvements therein, and for the levy of assessments on the lands of such improve-

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS AND BRANCHISTS

ARTHUR PRIDDLE, A. I. Q. S.

603 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

ment districts." (Approved by the Governor May 25, 1927.)

Bids must be on the proposal forms attached to the specifications and must be in sealed envelopes addressed to the Board of Directors of the Turlock Irrigation District, and marked to indicate that each is a proposal for the doing of said work.

Dated at Turlock, Cal., January 18, 1928

By order of said Board of Directors,

ANNA SORENSEN,

Secretary of Board of Directors, of Turlock Irrigation District.

NOTICE TO BIDDERS

Construction Work for Improvement District No. 2

(The.. McPherson Ditch Improvement District)

IN THE TURLOCK IRRIGATION DISTRICT, TURLOCK, CALIF.

Notice is hereby given that sealed proposals for the doing of the work described in the schedules hereinafter set forth will be received by the Board of Directors of the Turlock Irrigation District acting for Improvement District No. 2, at its office in the City of Turlock, State of California, at any time up to 10:00 o'clock A. M. of Friday, February 10th, 1928, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work as indicated in the schedules below, to the lowest responsible bidder or bidders, but said Board reserves the right to reject any or all bids and re-advertise for proposals or proceed to construct the work under their own superintendence.

The work for which proposals are hereby invited is divided into 5 schedules, as follows:

- SCHEDULE NO. 1.**
10,250 lineal feet of concrete lined ditch with perimeter of 13½ feet complete, with gates and bridges.
- SCHEDULE NO. 2.**
3300 lineal feet of concrete lined ditch with perimeter of 11.55 feet complete, with gates and bridges.
- SCHEDULE NO. 3.**
1200 lineal feet of concrete lined ditch with perimeter of 9.22 feet complete with gates and bridges.
- SCHEDULE NO. 4.**
2850 lineal feet of concrete lined ditch with perimeter of 9.22 feet complete with gates and bridges.
- SCHEDULE NO. 5.**
3300 lineal feet of concrete lined ditch with perimeter of 9.22 feet complete with gates and bridges.

Said work is more particularly described in the plans and specifications therefor, which may be seen at said office of said Irrigation District.

A bidder to whom a contract for doing said work may be awarded must furnish bonds as required by law, to-wit: A bond in the sum of at least one-fourth of the estimated contract price to secure the payment of the claims of material men, mechanics, and laborers, and a bond in the sum of at least one-fourth of the estimated contract price conditioned upon the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or a certified check, made payable to the Turlock Irrigation District, for an amount equal to at least five per cent of the amount of the bid as guaranty that if the bid is accepted, the bidder will, within five days after notice of its acceptance, enter into a contract with the District in the form attached to said specifications and furnish the bonds aforesaid.

The quantities given in the aforesaid schedules are approximations only, but will be used in computing the amounts of the deposit and the bonds hereinbefore required.

The contractor may be paid for the work bid, with warrants issued by the Directors of the Turlock Irrigation District as provided in Senate Bill No. 5, "An act to provide for the organization and creation of improvement districts within irrigation districts organized under the 'California Irrigation District Act'; to provide for the construction of improvements therein, and for the levy of assessments on the lands of such improvement districts." (Approved by the Governor May 25, 1927).

Bids must be on the proposal forms attached to the specifications and must be in sealed envelopes addressed to the Board of Directors of the Turlock Irrigation District, and marked to indicate that each is a proposal for the doing of said work.

Dated at Turlock, California, January 17th, 1928.

By order of said Board of Directors,

ANNA SORENSEN,

Secretary of Board of Directors of Turlock Irrigation District.

NOTICE INVITING BIDS

(San Joaquin and Stanislaus Counties—Bridge)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton, until 11:00 o'clock A. M., Tuesday, February 14, 1928, for the construction of a steel and timber bridge over the Stanislaus River. The bridge to be constructed under these plans and specifications is situated at the site of the Burneyville Ferry in Section 24, T. 2 S., R. 9 E., M. D. E. & M., and just north of Riverbank, California. The bridge is a joint bridge between Stanislaus County and San Joaquin County, California, each county to pay for one-half of the cost of construction.

All in accordance with the plans and specifications prepared by F. E. Smith, County Surveyor of San Joaquin County, and approved by J. H. Hoskins, County Surveyor of Stanislaus County, and adopted and filed by the Boards of Supervisors of San Joaquin and Stanislaus Counties on January 9, 1928, and to which bidders are more particularly referred.

All bids must be made on forms to be obtained from the County Surveyor's office in San Joaquin and Stanislaus Counties and presented in sealed envelopes marked to indicate the contents and addressed to the Clerk of the Board of Supervisors at Stockton, California.

All proposals must be accompanied by United States currency or certified check, or cashier's check made payable to the Chairman of the Board of Supervisors of San Joaquin County in the sum of 5% of the amount of the bid.

A bond of 25% of the contract price will be required of the successful bidder to guarantee the faithful performance of said contract, and a like bond to guarantee the faithful payment and satisfaction of the lawful claims of all persons for labor and material furnished in the prosecution of said contract.

A deposit of \$10.00 will be required on all sets of plans taken out.

The Board reserves the right to reject any or all bids.

By order of said Board of Supervisors of San Joaquin County made January 9, 1928.

EUGENE D. GRAHAM,
County Clerk and Ex-Officio Clerk of the Board of Supervisors of San Joaquin County.

By F. L. STRONG,
Deputy County Clerk.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICES TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Strub Building, Sacramento,

California, until 2 o'clock P. M., on February 14, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications thereto, to which special reference is made, of portions of State Highway as follows:

Sutter County, a causeway on the Yuba City to Knight's Landing Highway across the Sutter By-Pass in township thirteen north, range three east, consisting of four 45 foot removable timber truss spans and two hundred thirty-seven 21 foot timber trestle spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
R. M. MORTON,
State Highway Engineer.
Dated: January 16, 1928.

NOTICE TO BIDDERS

(Gridley Union High School District)

Notice is hereby given that the Board of Trustees of the Gridley Union High School District will receive sealed proposals to erect and build a High School Building in accordance with the plans and specifications on file at the office of the Secretary, Mrs. C. W. Chase, located at 830 Hazel Street, Gridley, Calif., and also in the office of the Architects, Davis-Pearce Co., Builders' Bldg., Stockton, Calif. Said proposals will be received up to 1:30 P. M. on Monday, February 6th, 1928, at the office of the Principal of the Gridley Union High School in the High School Building, and opened immediately thereafter.

All bids shall be submitted in accordance with the instructions as outlined in the specifications. Reference is hereby made to plans and specifications. The Board of Trustees reserves the right to reject any and all bids.

A certified check or bid bond for 10% of the amount of the bid must accompany said bid.

(Signed) C. W. THRESHER,
Clerk of Board of Trustees of Gridley Union High School District.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.
Phone KEARNY 1885
SAN FRANCISCO

Contracts Awarded Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
138	Alcouffe	Lombardi	1500
139	De Bernardi	Athey	2000
140	Foster	Rees	2000
141	Kari	Owner	4500
142	Kari	Owner	4500
143	Lindeman	Owner	16000
144	Morris	Owner	16000
145	Sic	Owner	1000
146	Anderson	Owner	6000
147	Anderson	Owner	5000
148	Huetter	Zweig	8000
149	Hoyt	Owner	12000
150	Little	Diestel	2000
151	Morris	Owned	4000
152	Peterson	Owner	3000
153	Plov	Owner	4000
154	Sala	Owner	8000
155	Sandwich	Mullen	5000
156	Stoneson	Owner	600
157	Wagner	Owner	2800
158	Western	Mission	30000
159	Angulo	Owner	3000
160	Castle	Horn	4000
161	Hunt	Owner	8000
162	Irwin	Reed	3500
163	Meyer	Owner	4500
164	McDermott	Owner	10000
165	Stoddard	Reed	1000
166	Mix	Craig	4000
167	Anderson	Owner	12000
168	Carmelite	Barret	2000
169	Fagerberg	Owner	2800
170	Howard	Owner	3650
171	Hanson	Owner	5000
172	Grabb	Owner	14000
173	Grabb	Owner	3500
174	Meyer	Owner	8000
175	Martin	Owner	4000
176	Standard	Owner	4500
177	Abbertazi	Chiodo	5000
178	Besio	Owner	4000
179	Behrke	Owner	4500
180	Capozzi	Sauers	3000
181	Fay	Siggs	4000
182	Gibbs	Owner	1000
183	Johnson	Owner	12000
184	Manning	Owner	19000
185	Nouraux	Erickson	2000
186	Prout	Owner	10000
187	Shaw	Coburn	1000
188	Stevens	Owner	6000
189	Strong	Owner	3450
190	Anderson	Owner	30000
191	Same	Owner	24000
192	De Stefana	Owner	4500
193	Heffernan	Pink	2950
194	Hertzig	Owner	5000
195	Janssen	Owner	4500
196	Lange	Owner	1000
197	Verner	Owner	3900
198	Westerlund	Owner	4500

DWELLING
(138) 4620 THIRD ST., alter store and dwelling.
Owner—L. Alcouffe, 4120 Third st.
Architect—None.
Contractor—Ernest Lombardi, 1218 Hollister ave. \$1500

STORE
(139) W WINFIELD 150 S Coso, 1-story frame store.
Owner—G. DeBernardi, 38 Winfield st.
Architect—None.
Contractor—R. L. Athey, 115 O'Farrell. \$2000

INCINERATOR
(140) N OF 1720 FITZGERALD, erect shaving incinerator with concrete foundation.
Owner—Foster & Kleiser Co., 1720 Fitzgerald ave.
Architect—None.
Contractor—Rees Blow-pipe Mfg Co., 310 7th st. \$2000

DWELLING
(141) W 15TH AVE, 225 S Taraval, 1-story and basement frame dwelling.
Owner—B. Kari, 800 Ulloa.
Architect—None. \$1500

DWELLING
(142) W 16TH AVE 305 S Taraval, 1½-story and basement frame dwelling.
Owner—B. Kari, 800 Ulloa st.
Architect—None. \$1500

DWELLINGS
(113) S OLIMSTEAD 25, 56 S and 88.4 E Brussels and SE cor.; four 1-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th ave.
Architect—None.
Contractor—W. R. Lindeman, 619 27th ave. \$1000 each

DWELLINGS
(144) N MARSTON 100, 425, 450 and 475 E Edna, four 1-story and basement frame dwellings.
Owner—G. W. Morris, 1185 Capitol ave.
Architect—D. E. Jackle, 395 Justin dr. \$1000 each

ADDITION
(115) 622 PARIS ST., building additional rooms on dwelling.
Owner—D. Sic, 622 Paris st.
Architect—None. \$1000

DWELLINGS
(146) E 31ST AVE, 200, 225 S Judah st., dwellings.
Owner—Christian Andersen, 146 Granville way.
Architect—None. \$3000 ea.

DWELLING
(147) N TARAVAL 133.4 W Cortez, 1-story, sun room and basement frame dwelling.
Owner—C. Andersen, 150 Granville way.
Architect—None. \$5000

DWELLING
(148) SW APTOS and Darien way, 2-story and basement frame dwelling.
Owner—E. C. and O. M. Huetter, 1101 Flatiron Bldg.
Architect—H. G. Stoner, 810 Ulloa st.
Contractor—Walter C. Zweig, 450 Up-land dr. \$8000

DWELLINGS
(149) S VINCENTE 52-6 and 57-6 E Twenty-fourth Ave. Two one-story frame and stucco buildings (1 store and 1 dwelling).
Owner—H. P. Hoyt, 450 Second St., San Francisco.
Architect—G. M. Cantrell, 45 Second St., San Francisco. \$6000 each

REPAIRS
(150) NO. 518 BALBOA ST. Repair fire damage.
Owner—Mrs. E. Little, 333 Kearny St., San Francisco.
Architect—None.
Contractor—John Diestel, 333 Kearny St., San Francisco. \$2000

DWELLING
(151) E TWENTY-SIXTH AVE 200 S Lawton. One-story and basement frame dwelling.
Owner—B. H. Morris, 35 Toyon Lane, San Francisco.
Architect—None. \$4000

MILL
(152) BLOCK BOUNDED BY DAVIDSON, Rankin, Evans and Quint. Two-story frame mill.
Owner—E. T. Peterson, Davidson and Quint Sts., San Francisco.
Architect—None. \$3000

DWELLING
(153) W CONGO 25 N Flood. One-story and basement frame dwellings.
Owner—G. L. Plov, 391 Munich St., San Francisco.
Architect—None. \$4000

DWELLING
(151) E TWENTY-FIFTH AVE 100 and 125 S Lawton. Two one-story and basement frame dwellings.
Owner—H. A. Sala, 985 Irving St., San Francisco.
Architect—None. \$1000 each

ALTERATIONS
(155) NE MISSION AND NEW MONTGOMERY. Alter and remodel restaurant.

Owner—Sandwich Shops, Inc., 95 New Montgomery St., San Francisco.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch St., San Francisco. \$5000

DWELLING
(156) SE BRENTWOOD AND COLON. One-story and basement frame dwelling.
Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th San San Francisco. \$6000

ALTERATIONS
(157) SE SIXTEENTH & Folsom. Alter and remodel stores and light manufacturing building.
Owner—George Wagner, 2013 Folsom St., San Francisco.
Architect—A. E. Neumarkel, 544 Market St., San Francisco. \$2800

WAREHOUSE
(158) NE DAVIDSON AND LANE. Two-story reinforced concrete warehouse.
Owner—Western Calif. Products Co., Kohl Bldg., San Francisco.
Architect—None.
Contractor—Mission Concrete Co., 125 Kissling St., San Francisco. \$30,000

(159) NO. 2452 WASHINGTON. Add additional rooms to flats.
Owner—Manuel D. Angulo, Premises.
Architect—None. \$3000

DWELLING
(160) N SILVER AVE 90 W Mission St. One-story and basement frame dwlg.
Owner—Castle Bldg. Co., 830 Market St., San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St., San Francisco. \$4000

DWELLINGS
(161) W THIRTIETH AVE 300 and 325 S Judah. Two one-story and basement frame dwellings.
Owner—H. J. Hunt, 1437 17th Ave., San Francisco.
Designer—J. A. Pereira, 1430 19th Ave., San Francisco. \$4000 each

ALTERATIONS
(162) N O'FARRELL 188-6 W Stockton. Underpin theatre building.
Owner—Irwin Estate Co., % American Trust Co., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—Reed & Reed, Hearst Bldg., San Francisco. \$3500

(163) SE MARNE AVE AND PORTOLA Drive. One-story and basement frame dwelling.
Architect—Meyer Bros., 727 Portola Drive, San Francisco. \$4500
Architect—None.

(164) NO. 237 ARGUELLO BLVD. Alter and remodel apartment house.
Owner—Miss N. E. McDermott, Hibernia Bank, San Francisco.
Architect—None.
Contractor—Max Chartack. \$10,000

ALTERATIONS
(165) SW GEARY AND STOCKTON. Underpin office building.
Owner—L. B. Stoddard and E. B. McNear % American Trust Co.
Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—Reed & Reed, Hearst Bldg., San Francisco. \$1000

DWELLING
(166) W TWENTY-FOURTH AVE 150 N Vincente. One-story and basement frame dwelling.
Owner—W. L. Nix.
Architect—None.
Contractor—J. W. Craig, 2703 California St., San Francisco. \$4000

DWELLINGS
(167) E BACON 70, 95, 120 and 145 S Holyoke; four 1-story and basement frame dwellings.
Owner—R. A. Andersen.
Architect—None. \$3000 each

CHAPEL
(168) W PARKER Ave. 75 N Fulton; 1-story frame chapel.
Owner—Carmelite Sisters, 2244 Fulton.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison st.

DWELLING
(169) SE MOSCOW 150 SW Excelsior ave; 1-story and basement frame dwelling.
Owner—Peter Fagerberg, 334 Moscow st.
Architect—None. \$2800

DWELLING
(170) W DOUGLAS 32.6 S 21st st; 1-story and basement frame dwelling.
Owner—J. Howard, 746 48th ave.
Architect—None. \$3650

DWELLING
(171) NE DELANO and Rudden; 1-story and basement frame dwelling.
Owner—W. E. Hansen, 1300 Monterey Blvd.
Architect—None. \$5000

DWELLINGS
(172) W WHEELER 90, 120, 150 and 180 S Bay Shore; four 1-story and basement frame dwellings.
Owner—Wm. H. Grahn, 2965 Mission st.
Architect—None. \$2500 ea.

DWELLING
(173) S SILVER Ave. 25 E Yale; 1-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission st.
Architect—None. \$3500

DWELLINGS
(174) W 21ST AVE 125 and 150 N Wawona st; two 1-story and basement frame dwellings.
Owner—Meyer Bros., 727 Portola dr.
Architect—None. \$4000 each

DWELLING
(175) S IDORA Ave. 170 W Laguna Honda; 1-story and basement frame dwelling.
Owner—Martin & Allen, 2426 Bush st.
Architect—None. \$4000

DWELLING
(176) E 14TH AVE. 300 N Santiago; 1-story and basement frame dwelling.
Owner—Standard Bldg. Co., 218 Castenda ave.
Architect—None. \$4500

DWELLING
(177) W CONNECTICUT 113-9 S Mariposa. One-story and basement frame dwelling.
Owner—Angelo Abbattazi, 127 Connecticut St., San Francisco.
Architect—None.
Contractor—M. Chiodo, 135 Connecticut St., San Francisco. \$5000

DWELLING
(178) E VIENNA 225 S Brazil Ave. One-story and basement frame dwelling.
Owner—Lorenzo Besio, 439 Lisbon St., San Francisco.
Architect—None. \$4000

DWELLING
(179) W THIRTIETH AVE 225 N Santiago. One-story and basement frame dwelling.
Owner—Frederick W. Behrke, 1636 San Bruno Ave., San Francisco.
Architect—None.
Contractor—The Ruegg Co., 369 Pine St., San Francisco. \$4500

DWELLING
(180) NO. 980 VIENNA ST. One-story and basement frame dwelling.
Owner—John Capozzi, 1247 Geneva Ave., San Francisco.
Architect—None.
Contractor—A. A. Sauers, 3829 24th St., San Francisco. \$3000

DWELLING
(181) W JOHNSTON AVE 350 S Geary. One-story and basement frame dwlg.
Owner—Mr. and Mrs. R. Pay, 716 Saint Rose Ave., San Francisco.
Architect—None.
Contractor—A. R. Siggs, 2314 19th Ave San Francisco. \$4000

ADDITION
(182) NO. 1137 SCHRADER. Add sun porch to flats.
Owner—Chas. Gibbs, Premises.
Architect—None. \$1000

BUILDING
(183) SE FOLSOM AND RODGERS. Two-story and mezzanine reinforced concrete building.
Owner—W. C. Johnson.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St. San Francisco. \$12,000

APARTMENTS
(184) SW TWENTY-SEVENTH AND Guerrero. Three-story and basement frame (12) apartments.
Owner—Manning Baldwin Co., 485 14th St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$19,000

DWELLING
(185) W OAKWOOD 86 S Eighteenth. One-story and basement frame dwlg.
Owner—Marcellin Nouaux, 4 Oakwood St., San Francisco.
Architect—None.
Contractor—Henry Erickson, 972 Chenery St., San Francisco. \$2000

DWELLINGS
(186) SW KENSINGTON WAY 612 and 648 N Ulloa. Two two-story and basement frame dwellings.
Owner—J. Prout, 515 Magellan Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$5000 each

REPAIRS
(187) NO. 789 ARKANSAS. Repair fire damage.
Owner—J. C. Shaw, 79 Arkansas St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 666 Mission St. San Francisco. \$1000

FLATS
(188) W SCOTT 125 S Lombard St. Two-story and basement frame (2) flats.
Owner—A. B. Stevens, 571 39th Ave., San Francisco.
Architect—None. \$6000

DWELLING
(189) S WHITTIER 80 E Brunswick. One-story and basement framt dwlg.
Owner—Strong & Jorgenson, 115 Central Ave., San Francisco.
Architect—None. \$3450

APARTMENTS
(190) SW BEACH AND MALLORCA. Three-story and basement frame (15) apartments.
Owner—Louis R. Anderson, 37 Rico Way San Francisco.
Architect—J. C. Hladik, Monadnock Bldg. San Francisco. \$30,000

DWELLINGS
(191) S SILVER 91-2, 121, 151, 181, 211 and 241 W Naples. Six one-story and basement frame dwellings.
Owner—Louis R. Anderson, 37 Rico Way San Francisco.
Architect—J. C. Hladik, Monadnock Bldg. San Francisco. \$4000 each

DWTLING
(192) N WINNIPEG 50 E Farragut St. One-story and basement frame dwlg.
Owner—Mr. and Mrs. Frank DeStefano, 325 Roanoke St., San Francisco.
Architect—C. S. McNally, 988 Market St., San Francisco. \$4500

ALTERATIONS
(193) NO. 1129 MARKET ST. Alter and remodel sales rooms.
Owner—E. M. Heffernan, 105 Montgomery St., San Francisco.
Architect—None.
Contractor—The Fink-Schindler Co., 226 13th St., San Francisco. \$2950

DWELLING
(194) W SANFRANBANK 260 W Ocean Ave. One-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jaekle, 3901 Mission St., San Francisco. \$5000

DWELLING
(195) S NORTH POINT 118-9 E Baker. One and one-half-story and basement frame dwelling.

Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. \$4500

OIL BURNING PLANT
(196) E FORTY-FIRST AVE 125 N Cabrillo. Install oil burning plant in apartment building.
Owner—William F. Lange, 776 41st Ave., San Francisco.
Architect—None. \$1000

DWELLING
(197) E GENESSEE 50 N Joost Ave. One-story and basement frame dwlg.
Owner—J. H. Verner, 400 Staples St., San Francisco.
Architect—None. \$3900

DWELLING
(198) W TWENTY-SECOND AVE 250 S Taraval. One-story and basement frame dwelling.
Owner—J. V. Westerlund, 320 Market St., San Francisco.
Architect—None. \$4500

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
38	Peirano	Alderman	5000
39	S P Co.	Cohn	
40	McDermott	Chortack	1000
41	Rasmussen	Rasmussen	35000
42	Weinstein	Jacks	2100
43	Albertazzi	Chiodo	5400
44	Cooley	Herrick	9798
45	Stempel	Dyer	10382

HOTEL
(38) S TURK bet. Larkin and Hyde; all work alterations to hotel bldg.
Owner—Maria Peirano, 1059 Ophelia st.
Architect and Contractor—Colin S. Alderman, 555 O'Farrell.
Filed Jan. 19, 1928. Dated Jan. 12, 1928
Plastering complete \$1500
Glass set 500
30 days after 300
TOTAL COST \$2300
Bond, limit, forfeit, none; plans and spec. filed.

STREET WORK
(39) HARRISON St. bet. 14th and 21st sts.; pavement, sewer manholes, catch basins, storm water inlets, track drain, culvert, wheel guards, sidewalks, granite curb.
Owner—Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Louis J. Cohn, 117 Montgomery.
Filed Jan. 19, 1928. Dated Jan. 5, 1928
Monthly 75%
Usual 35 days 25%
TOTAL COST \$—
Pavement 17c per sq. ft. and 19c per sq. ft; catch basins \$90, water inlets \$40 ea; granite curb 20c per ft.
Bond \$19,102; surety, New York Indemnity Co; limit 210 days; forfeit, none; plans and spec. filed.

ALTERATIONS
(40) W ARGUELLO BLVD 150 N California N 47-6xW 120. All work for alterations to building (apartments).
Owner—N. E. McDermott, Hibernia Bank, San Francisco.
Architect—None.
Contractor—Max Chortack, 712 Girard St., San Francisco.
Filed Jan. 21, '28. Dated Jan. 18, '28.
Foundation, walls and piers done and rough lumber on premises. \$1938
Roof on 2200
Plastering completed 2200
Completed and accepted 2200
34 days after 2200
TOTAL COST not to exceed \$11,000
Owner to pay cost plus 10%.
Bond, \$6500. Sureties, Rose Chortack & Glenn W. Gass. Limit, 35 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(41) E SCOTT 55 N Beach N 50x E 100. All work for three-story and basement frame apartment building.
Owner—Viggo and Christine Rasmussen, 3426 Pierce St., San Francisco.
Architect—None.
Contractor—Viggo Rasmussen, 3426 Pierce St., San Francisco.
Filed Jan. 21, '28. Dated Jan. 12, '28.
Enclosed \$8500
Rough plastered 8500
Completed 8500

Usual 35 days \$500
 TOTAL COST, \$34,000
 Bond, none. Limit, 120 days. Forfeited, none. Plans and specifications filed.

ALTERATIONS

(42) NO. 1045 MARKET ST. All work for alterations to building.
 Owner—Isador Weinstein, 770 41st Ave., San Francisco.
 Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
 Contractor—Jacks & Irvine, Call Bldg., San Francisco.

Filed Jan. 21, '28. Dated Jan. 17, '28.
 On completion \$1575
 Usual 35 days 525

TOTAL COST, \$2100
 Bond, none. Limit, 30 days. Forfeited, plans and specifications, none.

BUILDING

(43) W CONNECTICUT 113-9 S Mariposa 25x100. All work except fixtures for one-story and basement frame building.
 Owner—Angelo Albertazzi, 127 Connecticut St., San Francisco.
 Architect—None.
 Contractor—Michele Chiodo, 135 Connecticut St., San Francisco.

Filed Jan. 24, '28. Dated Jan. 23, '28.
 Roof on \$1600
 Brown coated 1600
 Completed and accepted 1600
 Usual 35 days 1600
 TOTAL COST, \$6400

Bond, \$3200. Sureties, John Ferraris and Ernesto Chiodo. Limit, 90 days. Forfeited, none. Plans and specifications filed.

APARTMENTS

(44) NE HAIGHT & Broderick, 47.6 cu Haught x 112.6; structural steel on 6-story and basement class C apartment bldg.
 Owner—Bessie Cooley, Hearst Bldg., San Francisco.
 Engineer—Robert C. Oliphant, Hobart Bldg.

Contractor—S. S. Herrick, S. F.
 Filed Jan. 24, 1928. Dated Jan. 6, 1928
 15th of each month 75%
 Usual 35 days 25%
 TOTAL COST \$9798

Bond, none; limit, 45 days; forfeited, \$5 per day; no plans or spec. filed.

APARTMENTS

(45) SCOTT Near Hayes; structural steel frame on 6-story class C apartment house.

Owner—Edna B. Stempel, 811 Hearst Bldg., S. F.
 Engineer—J. G. Little, 251 Kearny, S. F.
 Contractor—Dyer Bros. Golden West Iron Works, 17th and Kansas sts., S. F.
 Filed Jan. 24, 1928. Dated Jan. 5, 1928
 Steel frame up 75%
 Usual 35 days 25%
 TOTAL COST \$10,352

Bond, limit, forfeited, none; no plans or spec. filed.

COMPLETION NOTICES

San Francisco County

Recorded	Accepted
Jan. 18, 1928—SW CABRILLO & 25TH ave W alg S Cabrillo 57.6 x S 100 ptn O L 465. Manning-Baldwin Inc to whom it may concern.	Jan. 13, 1928
Jan. 18, 1928—S CABRILLO 57.6 W 25TH ave W alg S Cabrillo 25 x S 100 ptn O L 465. Manning-Baldwin Inc to whom it may concern.	Jan. 13, 1928
Jan. 18, 1928—TWENTY-THIRD BET Michigan ave and Louisiana. Southern Pacific Co to Albert Godfried Ralsch.	Jan. 14, 1928
Jan. 18, 1928—SW 19TH AVE & IRVING 50 x 100. Julius Berendsen to A M Wallen.	Jan. 17, 1928
Jan. 18, 1928—W 18TH AVE 85 S Rivera S 27 x W 90. W Swift to whom it may concern.	Jan. 16, 1928
Jan. 18, 1928—SW CHENEY AND Nattick. Frieda J and Henry E Springer to C Lindberg.	Jan. 14, 1928
Jan. 18, 1928—E MASONIC AVE 460 S Geary S 200 x E 130. Roman Catholic Archbishop of S F to Spencer Elevator Co.	Jan. 13, 1928
Jan. 18, 1928—W MASONIC AVE 50 N Page N 125 W 108 S 37.6 W 125.3 S 137.6 E 125.3 N 50 E 108. Roman Catholic Archbishop of S F to E J Hampton, Hampton Elec & Mfg Co.	Jan. 13, 1928

Jan. 18, 1928—N GREEN 150 E Van Ness ave E 35 x N 125. Mrs D and P L Shen to whom it may concern.

Jan. 20, 1928—E CASAMIERA COURT 203 NE Oliver 90 NW Brunswick 25 x 78. John Rosenblad to whom it may concern.

Jan. 20, 1928—LOT 43 BLK 46 MAP ppy of City Land Assn. Ernest D Cauley to William Byrne.

Jan. 20, 1928—N MONTEREY BLVD 150 E Congo E 25 x N 100. Nils E Johnson to whom it may concern.

Jan. 20, 1928—NE CURVED LINE Market 98.127 from E Mono N 49 deg 10 min 30 sec dist 33.80 E 53.76 S 71 m or 1 to N Short W 1.855 to NE curved line Market NE alg curved line Market 62.411 to pt of beg ptn of lots 3 and 4 blk 10 Market St Hd Assn. J J Deasy and Rose C Deasy to whom it may concern.

Jan. 20, 1928—LOT 12 BLK Q MAP of Park Lane Tract, map No. 3. Robert N Gibson to whom it may concern.

Jan. 20, 1928—E 22ND AVE 145 N Anza N 25 alg said line on 22nd ave x E 120. Charles A Stevens to whom it may concern.

Jan. 20, 1928—NW PARNASSUS AVE and Willard W alg N Parnassus ave 52.5 x 94.4. Warren G and Kat Bailey to J Prout.

Jan. 20, 1928—N MONTEREY BLVD. 150 E Congo E alg N Monterey 25 x N 100. Nils E Johnson, to whom it may concern.

Jan. 20, 1928—SE LAWTON & 23RD AVE E 82.6 x S 25 S Moraga 57.6 E 23rd ave. E 25 x S 100. Sunset District Bldg Co to whom it may concern.

Jan. 20, 1928—SW KIRKHAM & 28TH ave S 25 x W 95. John E and Ethel M McCarthy to whom it may concern.

Jan. 20, 1928—N IRVING 100 W 19TH ave. Anna Hughes to F W Varney.

Jan. 19, 1928—SE NORTGATE DR & Darien way also known as lot 8 blk 3275A Mt Davidson Manor. A M Samuelson to whom it may concern.

Jan. 19, 1928—E 34TH AV 125 S Ulloa 25 x 120. Carl & Fred Geller to whom it may concern.

Jan. 19, 1928—N JEFFERSON 106-3 W Scott W 100x159-4. R E Romano to whom it may concern.

Jan. 19, 1928—E DIVISADERO 200 N Beach N 25xE 93-9. Niels Schultz to Schultz Construction Co.

Jan. 19, 1928—LOT 31 BLK 3046 Map Blk 3046 and Ptn 3077, Monterey Heights. A J Wilbe to whom it may concern.

Jan. 18, 1928—W 14TH AVE 100 N Vicente 25 x 127.6. G J Elkington & Sons to whom it may concern.

Jan. 21, 1928—W 39TH AVE 325 N Judah N alg W 39th ave 100 x W 120. Nathaniel Thompson to whom it may concern.

Jan. 21, 1928—E 15TH AVE 280 N Santiago known as lot 26 blk 2335A Portal Heights. A Holmer to whom it may concern.

Jan. 21, 1928—SW NEWHALL AND Kirkwood ave W alg S Kirkwood ave 48 m or 1 x E 110 Alma C Pedersen to Milton T Moore.

Jan. 21, 1928—N FARALLONES 300 E Plymouth ave E 35 x N 125 ptn lot 8 blk N Railroad Hd Assn. Herman T Ludwig to whom it may concern.

Jan. 21, 1928—E MUNICH 200 S Russia ave 250 on Munich x 100. Alfred J Kronquist to whom it may concern.

Jan. 21, 1928—61 LIEBIG MAP Mission St Land Co. John Trollman to whom it may concern.

Jan. 21, 1928—160 PALM AVE. Sidney Zobel to M C Ingraham.

Jan. 20, 1928—W BRIGHTON AVE 323.4 S Ocean ave. Charles F W Miller to Mager Bros.

Jan. 23, 1928—SW RUDDEN AVE 325 SE Delano ave th alg SW Rudden ave SE 25 m or 1 to pt which is dist 350 SE at r a from SE Delano ave th par with SE Delano ave SW 101.473 NW 25 th par with SE Delano ave NE 101.363 to beg. SW Rudden ave 300 SE Delano th alg SW Rudden ave SE 25 m or 1 to pt which is dist 325 SE at r a from SE Delano ave

th par with SE Delano ave SW 101.368 NW 25 th par with SE Delano ave NE 101.263 to beg. Walter E Hansen to whom it may concern.

Jan. 23, 1928—NW WASHINGTON & Walnut sts 78 x 100. Henry F Sutton to Ed Zinkand & Son.

Jan. 23, 1928—E MISSION 95 N 20th N alg E Mission 165 x — 245 ptn M B 62. George S. Sarah C, Grace M & Samuel M Crim to Morrison & Co.

Jan. 23, 1928—S JEFFERSON 137.6 E Broderick S 137.6 x E 27.6. W L Coleman to John Harder.

Jan. 23, 1928—S JEFFERSON 165 E Broderick S 137.6 x E 27.6. W L Coleman to John Harder.

Jan. 23, 1928—E 5TH AVE 150 S Balboa 25 x 120. Alice McGee to Victor W Rundquist.

Jan. 23, 1928—E BRODERICK 125 N Chestnut N alg E Broderick 25 x E 118.9 m or 1. Miss Nathalie Dastugue to Arvid Peterson.

Jan. 23, 1928—S CABRILLO 115 W 45th ave W 25 x S 100. Banj Schnier, David Leigh to whom it may concern.

Jan. 23, 1928—E 47TH AVE 175 & 200 S Cabrillo S 25 x 120. L E Eddy to whom it may concern.

Jan. 23, 1928—N CLIPPER 203.8 E Sanchez E alg N Clipper 25.5.4 x N 114 ptn blk 60 H A. Mary Marron to Charles Penny.

Jan. 23, 1928—E HOLLY PARK Circle 25 S Newman 25 x 100. Henry Erickson to whom it may concern.

Jan. 24, 1928—E 22ND AVE 134.7 S Santiago. Emilie Diechle to Samuel Fleming Wisnom.

Jan. 21, 1928—E LYON DIST S 32.6 from S Francisco extd W & rung S alg E Lyon 104.08 to pt which is dist S at r a 137.5 from S Francisco extd W. E par with S Francisco 96.19 to pt which is dist at r a W 201.5 from W Baker N 104 W 92.37 to E Lyon & pt of beg being ptn W A blk 567. William W Rednall to whom it may concern.

Jan. 24, 1928—W 21ST AVE 75 S Quintara rung 25, S 120 W N 25 E 120 to beg, also next 10 adj lots to S each 25 S th at r a 120 W th at r a 25 N at r a E 120 to beg being 100, 125, 150, 175, 200, 225, 250, 275, 300, 325 S Quintara. Lawrence Costello to whom it may concern.

Jan. 24, 1928—N 24TH 92.6 E Howard E 35.6 N 90 W 5.6 N 5 W 30 S 95 Bessie Cooley to whom it may concern.

Jan. 24, 1928—SILVER AVE FROM Mission to Alemany blvd, Castle Manor ave from Mission to Camellia ave Admiral ave from Mission to Alemany blvd, Camellia ave from Silver ave to Admiral ave & Alemany blvd from Tingley to Admiral ave. I M Sommer to A G Raich.

Jan. 24, 1928—S 17TH 95 E DOUGLASS Fred C Shade to George R Moren.

Jan. 21, 1928—N 26TH 75 W Sanchez W 30 N 114 E 25 S 50.24 E 5 S 63.9. Eleanor F Jos W and Edw Teeling to Frank Kirschner.

Jan. 24, 1928—S 26TH 280 E Dolores. M McDonough to A A Wesendunk Jr.

Jan. 24, 1928—S JACKSON 171.10.4 W Laurel rung W 34.4.4 x 127.8.4. Edmund R Rossi to R E Sbarboro.

Jan. 24, 1928—SE CLEMENT & 31ST ave E alg Clement 32.6 x S 50. S S Weintraub and Benjamin A Brilliant to whom it may concern.

Jan. 23, 1928—SW TAYLOR & Redfield alley W 25 x S 42. Angelo Delmonte to Raggio Fargioni.

Jan. 23, 1928—S RUSSIA 50 E Athens Harry W Strong and Strong & Jorgenson to whom it may concern.

Jan. 21, 1928

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 20, 1928—SW 49TH AVE & Cabrillo W alg last line 197.11 to Great Highway S 600.6 to N "D" E alg last line 172.3.6 to W 49th ave N alg last line 600 to beg. George H Hotelling and Jane H Swinerton as to improvements on property.

LIENS FILED
San Francisco County

an. 20, 1928—LOT 5 BLK 17 Forest Hill. G W Sheppard vs Louis and Anna Goldstein & Marion and Ruth Barker. \$369.52
an. 20, 1928—NW DORANTES AVE 133.33 SW from San Marcos ave meas alg line at r a thereto S W 33.33 x NW 100 lot 5 blk 17, Pacific Sheet Metal & Furnace Co vs Louis and Anna Goldstein and Marion and Ruth Barker. \$202
an. 20, 1928—W 11TH AVE 250 S California 25 x 120. Louis Woloski vs R Leon Lawrence. \$130
an. 20, 1928—W 43RD AVE 235 S Balboa 35 x 120 O L blk 338. Louis Woloski vs R Leon Lawrence. \$70
an. 20, 1928—S ANZA 82 E 34TH AV 25 x 100. Louis Woloski vs R Leon Lawrence. \$130
an. 20, 1928—COMG 275 FROM SE cor Irving and 23rd ave th 25 S alg 23rd ave x W 120 lot 90 blk 1778 fmly blk 695 Sunset. Ginsberg Tile Co vs J W Marsden and Alfred F & Florence Spencer. \$209
an. 20, 1928—SW WALLER & Alpine S 75 W 59.64 N 75 E 53.4. Thomas W Gorsuch vs James E Raymond & Edythe B Schultz, Unit Construction Co. \$285
an. 19, 1928—E ALPINE TERRACE 100.74 S Waller S 25 x W 110.5. Fedman Bros vs Walter G Muspratt, James E Raymond. \$295
an. 19, 1928—N 24TH 92.6 E HOWARD E alg N 24th 35.6 N 90 W 5.6 N 5 W 30 to pt 95 from pt beg S 95 W P Fuller & Co vs Bessie Cooley. \$322
an. 19, 1928—SE JEFFERSON and Divisadero E alg S Jefferson 93.9 x S 50 being SE cor Divisadero and Jefferson. W P Fuller & Co vs R J and Edna B Stempel. \$339
an. 19, 1928—LOT 5 BLK 17 MAP Forest Hill. E Kloeres and A Koch vs Louis and Anna Goldstein and Marion and Ruth Barker. \$167
an. 18, 1928—N 24TH 92.6 E HOWARD E alg N Howard 35.6 N 90 W 5.6 N5 W 30 S 95. A M McKeon vs R J and Edna B Stempel and Bessie Cooley. \$186
an. 18, 1928—SE JEFFERSON & Divisadero E alg S Jefferson 93.9 x S 50. A M McKeon vs R J and Edna B Stempel and Bessie Cooley. \$241
an. 21, 1928—LOT 5 BLK 17 Forest Hill. Central Hardware & Glass Co vs Marion Barker and Louis Goldstein. \$135.97
an. 21, 1928—LOT 22 BLK 19 MAP St Francis Wood Extn No 2; J S Guerin & Co vs Robert R and Jeanette Newell and M C Ingraham. \$533.46
an. 20, 1928—S ANZA 113.9 and 82.6 E 41st ave E 21.5 x S 100. Acme Gravel Co vs Western Concrete Co. \$169.06
an. 22, 1928—E BAKER 70 N BAY N alg E Baker 40 E 118.9 S 10 W 25 S 30 W to E Baker & pt of beg. Smith Lumber Co of S F vs James W Dougherty and M C Ingraham. \$212.23
an. 23, 1928—E ALPINE TERRACE 100.74 S Waller S 25 x E 100. D Piombo and P Ceragioli as Calif Concrete Co vs Walter G Muspratt. \$242.65
an. 23, 1928—SW KENSINGTON Way & SE line lot 45 blk 2975 rung NW alg Kensington way 37.6 rung NW SE 37.6 NE 100.002 to beg ptn lot 45 & ptn lot 44 blk 2975 map blks 2975, 2983, 2989 Claremont Court Parcel No 1, John Magnuson & Brother vs E J and Doris Rettberg and C C Newman. \$275
Jan. 23, 1928—LOT 22 BLK 19 ST Francis Wood Extn No 2 & being same ppy descd and also known as lot 38 blk 3076 assessor's map book Smith Lumber Co of S F vs Robt R and Jeanette Newell and M C Ingraham. \$1318.06
an. 23, 1928—E BAKER 70 N BAY N 40 E 118.9 S 10 W 25 S 30 W 93.9 J Guerin & Co vs James Witt Dougherty and M C Ingraham. \$823.45
an. 24, 1928—LOT 25 BLK 2 FOREST Hill. Schoenfeld Planing Mill Co vs Marion Barker, Louis Goldstein, Geo E Steningr. \$228.67
an. 24, 1928—E BAKER 70 N BAY N alg Baker 40 E 118.9 S 10 W 30 S

30 W 95.9, said direction being measured at r a, to pt of beg, H P Knoll vs M C Ingraham and J Witt Dougherty. \$37.50
Jan. 24, 1928—S FELL 137.6 E Laguna E alg S Felt 55 x S 120, Dickey Kelvinator Sales Co vs Fred Hechter. \$1571
Jan. 24, 1928—LOT 6 BLK 9 FOREST Hill, Malott & Peterson vs Frank R Hill. \$293
Jan. 24, 1928—S 22ND 122.6 E Mission E 23 x S 120. D R Campbell vs Thomas A Lofthus, H and Eloise Schwartz. \$104.20
Jan. 23, 1928—E BAKER 70 N BAY N 40 x E 118.9 S 10 W 30 S 30 W 95.9 E M Hundley vs M C Ingraham and J Witt Dougherty. \$390.85
Jan. 23, 1928—N 24TH 92.6 E HOWARD E 35.6 N 90 W 5.6 N 5 W 30 S 95 H & H Roofing Co Inc vs Bessie and Aaron R Cooley, Stempel & Cooley, Roy J Stempel, Edna B Stempel & Bessie Cooley as Stempel & Cooley. \$178
Jan. 24, 1928—S SANTIAGO 95 and 120 E 22nd ave E 25 x S 65 m or l. Alta Roofing Co vs Joseph Johnson, J Larus Eriksen (2 liens). \$29.50 ea.
Jan. 24, 1928—LOT 6 BLK 9 MAP Forest Hill, Adam Arras Co vs Frank R Hill. \$402.58
Jan. 24, 1928—S YERBA BUENA E St Clara ave No 50 Yerba Buena ave lot 38 blk 2076. L Devincenzi & Co vs Robert R Newell, M C Ingraham. \$290
Jan. 24, 1928—LOT 6 BLK 9 FOREST Hill E Kloeres A Koch vs Frank Hill. \$160
Jan. 24, 1928—S SADOWA 465 E Orizaba ave E alg S Sadowa 25 x S 125 also known as blk 7137 lot 40 in assessors map book. Caldwell Paint Co vs Eleanor S or E H Mills. \$241.10
Jan. 24, 1928—N GROVE 62.6 E Divisadero E 37.6 x N 107.6 N Grove 100 E Divisadero E alg N Grove 37.6 x 77 107.6, also known as lots 14 and 14A blk 1181 assessors map book. D N & E Walter & Co vs California Pac Title & Trust Co. \$65
Jan. 24, 1928—LOT 6 BLK 9 MAP Forest Hill. A J Tole vs Frank R Hill. \$547

LEASES

San Francisco County
Jan. 17, 1928—Isabelle T Schuster to Mrs A L Garrow and Mrs V A Brunette—W Julian av 275 N 16th 75 m or l x 100 known as 140 Julian ave 10 years \$75.000.
July 1, 1926—Market Street Realty Co to Sam Nason—25 4th st 5 years \$15,300. Asses Jan 12, 1928 to Harold Landau.
Dec. 1, 1927—Raffaele Botti to Samuel Taussig—1681 Church st 5 years \$30 per mo.
Aug. 10, 1927—Attilio and Amelia S Armanino to Vincent Armanino and Alexander Koffer—E 3rd & SW Jerrold ave SE alg SW Jerrold ave 134.6 to pt dist 10 NW from NW Mendell SW 64.6 W 98 to pt on E 3rd dist 106.4 S from SW Jerrold ave N alg E 3rd 106.4 to beg being lot 67 blk 293 map lands of Central Park Hd Assn 10 years \$37.500.
Nov. 1, 1927—H T Armstrong to A L Cloke and Elizabeth Cloke—SW Fillmore 37.6 S California rung S alg W Fillmore 13 & having a uniform depth of 77 ft known as 2051 Fillmore st 4 years 9 months \$5640.

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY
Jan. 23, 1928—WILLIAM J HELM has filed certificate of architecture for San Francisco County.

J. A. MOHR & SON
General Painting Contractors
Specialists in
Compressed Air Painting
and Sand Blasting
San Francisco Oakland
Fresno, Los Angeles and San Diego

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
113	Jenson	Owner	10000
114	Jackson	Owner	1000
115	O'Connor	Lassing	2500
116	Anderson	Owner	4150
117	Cardwell	Owner	1800
118	Fuller	Muller	5000
119	Wrnski	Owner	2000
120	Ford	Walker	49500
121	Berg	Owner	4000
122	Collins	Owner	20000
123	Berg	Owner	4000
124	Crandall	Spiegel	1335
125	Lammers	Owner	5000
126	Limperio	Owner	1400
127	Peppin	Owner	7850
128	Phietz	Van Vliet	1900
129	Sigwald	Owner	3125
130	Same	Same	2825
131	Same	Same	2625
132	Watson	Owner	3500
133	Same	Same	3650
134	Stone	Wright	2000
135	Woolsey	Altermatt	1500
136	Blanco	Owner	75000
137	Hawkkins	Owner	10000
138	McGord	Owner	5000
139	Verrilli	Sater	4000
140	Women's	Keating	26000
141	Wendt	Owner	10000
142	DeMunch	Owner	4625
143	Ihrig	Owner	6000
144	Olson	Owner	6000
146	Burritt	Owner	5150
147	Griffiths	owner	2000
148	Keith	Tweed	100000
149	Kiernan	Owner	5150
150	Lincoln	Owner	5700
151	Marshall	Owner	20000
152	McNair	Windsor	6000
153	Bardwell	Owner	8000
154	Faunt	Burch	1500
155	Gier	Owner	4800
165	Hieronimus	Owner	5100
157	Nyman	Nyman	5100
158	Bedell	Kulchar	2500
159	Goard	Owner	3450
160	Roberts	Gaw	4250
161	Shell	Owner	1500
162	Trinlett	Owner	5750
163	Ulin	Owner	2800
164	Allen	Thornberg	25000
165	Allen	Owner	25000
166	Berkeley	Anloff	1865
167	Kesti	Owner	3950
168	Pew	Lawrence	11485
169	Pacific	Standard	2275
170	Salvador	Perry	2000
171	Van Ness	Owner	2009
172	Walnut	Owner	5000

RESIDENCE
(113) 1114 & 1116 Dwight way, Berkeley; two 1-story 7-room 3-family residences and garages.
Owner—A. Jensen, 4256 Sutter st., Oakland.
Architect—L. F. Hyde, 372 Hanover, Oakland. \$5000 each

ALTERATIONS
(114) 905 CARLTON St., Berkeley; alterations.
Owner—Byron Jackson Co., 6th and Carlton, Berkeley.
Architect—None. \$1000

RESIDENCE
(115) 44 CANYON Rd., Berkeley; 1-story 3-room residence and garage.
Owner—Miss L. O'Connor, 49 Canyon rd., Berkeley.
Architect—None.
Contractor—T. S. Lossing, 47 Canyon rd., Berkeley. \$2500

(116) 3221 CHAMPION St., Oakland; 1-story 5-room dwelling and garage.
Owner—J. E. Anderson, 3321 Flagg ave., Oakland.
Architect—None. \$4150

GARAGE
(117) 1725-29 SEMINARY Ave., Oakland; 1-story brick and tile garage.
Owner—M. W. Cardwell, Howden Bldg.
Architect—None. \$1800

REPAIRS
(118) 511 FOURTEENTH St., Oakland; fire repairs.
Owner—Mrs. Fuller.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$5000

ADDITION

(119) 3908-14 TREXOR Street, Oakland; alterations and addition.
Owner—A. Wronski, 5908 Trenor street, Oakland.
Architect—None. \$2000

WAREHOUSE

(120) E PERALTA St. bet. 24th and 26th sts., Oakland; concrete bunkers and 1-story warehouse and office building.
Owner—Wm. H. Ford.
Architect—J. C. Buckbee, Chicago, Ill.
Contractor—P. J. Walker Co., 607 Sharon Bldg., S. F. \$49,500
ave., Oakland

RESIDENCE

(121) NO. 490 VERMONT ST., Berkeley
One-story 5-room 1-family residence.
Owner—E. Berg, 629 56th St., Oakland.
Architect—W. Anderson, 1014 Doris St., Alameda. \$4000

APARTMENTS

(122) NO. 1717 EUCLID AVE., Berkeley
Two-story 21-rooms 12-family frame and stucco apartment building.
Owner—J. H. Collins, 842 Creed Road, Oakland.
Architect—Hutchison & Mills, 1216 Webster St., Oakland. \$20,000

DWELLING

(123) NE MONTEREY BLVD. AND Atlas Ave., Oakland. One-story five-room dwelling.
Owner—Berg & Swanson, 3854 Fruitvale Ave., Oakland.
Architect—None. \$4000

DWELLING

(124) S D ST. 58 E Ninetieth Ave., Oakland. One-story 3-room dwelling and garage.
Owner—E. M. Crandall, 92nd Ave., Oakland.
Architect—None.
Contractor—Chas. Spiegel, 1668 85th Ave., Oakland. \$1335

WAREHOUSE

(125) NO. 944 FIFTY-SIXTH ST., Oakland. One-story brick warehouse.
Owner—Lammers & Laibor, Premises.
Architect—None. \$5000

DWELLING

(126) NO. 3247 ETTIE ST., Oakland. One-story 2-room dwelling and garage.
Owner—Nick A. Limpero, 1628 7th St., Oakland.
Architect—None. \$1400

DWELLING

(127) W ARIMO AVENUE 200 N Walla Vista, Oakland. Two-story 7-room dwelling.
Owner—J. B. Peppin, 1736 Franklin St., Oakland.
Architect—None. \$7850

ADDITION

(128) NO. 2642 TWENTY-FIRST AVE., Oakland. Addition.
Owner—A. Plietz.
Architect—None.
Contractor—A. Van Vliet, 2627 21st Ave., Oakland. \$1900

DWELLING

(129) S MORGAN 502 E Peralta Ave., Oakland. One-story 6-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—None. \$3125

DWELLING

(130) NO. 2851 MORGAN ST., Oakland. One-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—None. \$2825

DWELLING

(131) NO. 2824 MORGAN ST., Oakland. One-story 4-room dwelling and one-story garage.
Owner—Sigwald Bros., 916 Alma Ave., San Francisco.
Architect—None. \$2625

DWELLING

(132) NO. 4722 MELDON AVE., Oakland. One-story 5-room dwelling.
Owner—Wm. Watson, 4750 Meldon Ave., Oakland.
Architect—None. \$3500

DWELLING

(133) NO. 4716 MELDON AVE., Oakland. One-story 5-room dwelling and one-story garage.

Owner—Wm. Watson, 4750 Meldon Ave., Oakland.
Architect—None. \$3650

ALTERATIONS

(134) 2064 LOS ANGELES AVE., Berkeley; alterations.
Owner—Mr. Stone, 2006 Los Angeles ave., Berkeley.
Architect—None.
Contractor—C. Wright, 2116 Telegraph, Berkeley. \$2000

ALTERATIONS

(135) 52 OAKDALE AVE., Berkeley; alterations.
Owner—W. E. Woolsey, 52 Oakdale ave.
Architect—None.
Contractor—J. F. Altermatt, 920 Oxford st., Berkeley. \$1500

APARTMENTS

(136) GORE 7TH AVE. & Ivy dr., Oakland; 4-story concrete 6-room apartments.
Owner—Ray Blanco, 2600 East 14th st., Oakland.
Architect—None. \$75,000

WAREHOUSE

(137) SE COR 26TH & Adeline sts., Oakland; 1-story brick warehouse.
Owner—B. A. Howkins, 559 Radnor rd., Oakland.
Architect—None. \$10,000

DWELLING

(138) W 89TH AVE. 75 N Olive st., Oakland; 1-story 6-room 2-family dwelling.
Owner—E. J. McCord, 7208 Hamilton st., Oakland.
Architect—None. \$5000

DWELLING

(139) SW COR. 35TH AVE. & Kansas st., Oakland; 1-story 3-room dwelling and store.
Owner—Fred Verrilli, 3833 Redding st., Oakland.
Architect—None.
Contractor—A. E. Sater, 3727 Hillview ave., Oakland. \$4000

CLUB HOUSE

(140) N BELLEVUE Ave. bet. Staten and Ellita, Oakland; 3-story concrete club house.
Owner—Women's Athletic Club, Oakland.
Architect—Roeth & Bangs, 1407 Franklin st., Oakland.
Contractor—Wm. C. Keating, Central Bank Bldg., Oakland. \$260,000

RESIDENCE

(141) 548 CRAGMONT AVE., Berkeley; 2-story 7-room stucco residence.
Owner—A. H. Wendt, 1631 Belvedere st., Berkeley.
Architect—None. \$10,000

RESIDENCE

(142) 1526 CEDAR ST., Berkeley; 1-story 5-room residence and garage.
Owner—L. De Munch, 410 Hudson st., Oakland.
Architect—None. \$4625

DWELLING

(143) 3104 THOMPSON AVE., Alameda; 1-story 6-room stucco dwelling.
Owner—W. N. Ihrig, 1177 Regent st., Alameda.
Architect—None. \$6000

DWELLING

(144) 1614 VERSAILLES AVE., Alameda; 1-story 6-room stucco dwelling.
Owner—J. M. Olson, 974 Park st., Alameda.
Architect—None. \$6000

DWELLING

(145) E ROCKWELL St. 111 S Florio st., Oakland; 2-story 6-room dwelling.
Owner—W. A. Ballinger, 1527 Hawthorne Terrace, Berkeley.
Architect—None.
Contractor—Beckett & Wight, 621 Scenic ave., Berkeley. \$8750

DWELLING

(146) W 23RD AVE. 200 S Hopkins., Oakland; 1-story 6-room dwelling and garage.
Owner—O. L. Burritt, 427 63rd st., Oakland.
Architect—None. \$5150

DWELLING

(147) W 68TH AVE. 133 N Beck st., Oakland; 1-story 4-room dwelling.
Owner—E. O. Griffiths, 1207 60th ave., Oakland.
Architect—None. \$2000

APARTMENTS

(148) E GLEN AVE. 172 S Linda ave., Oakland; 3-story 72-room apartments.
Owner—E. S. Keith, 1123 Hampel st., Oakland.
Architect—None.
Contractor—Henry E. Tweed, 4035 Greenwood ave., Oakland. \$100,000

DWELLING

(149) W CABRILLO AVE. 100 S Granada ave., Oakland; 1-story 6-room dwelling and garage.
Owner—A. M. Kiernan, 2789 107th ave., Oakland.
Architect—None. \$150

DWELLINGS

(150) E 78TH AVE. 140 and 155 N Garfield ave., Oakland; two 1-story 5-room dwellings.
Owner—A. G. Lincoln, 514 Estudillo ave., San Leandro.
Architect—None. \$2850 each

WAREHOUSE

(151) N 16TH ST. 90 W Willow st., Oakland; 1-story brick warehouse.
Owner—W. C. Marshall, 1725 Webster. Oakland.
Architect—None. \$20,000

DWELLING

(152) SW RHODA and East 8th st., Oakland; 1-story 7-room dwelling.
Owner—R. B. McNair, 3819 Rhoda ave., Oakland.
Architect—None.
Contractor—Geo. Windsor, 928 Kingston ave., Piedmont. \$6000

RESIDENCE

(153) 1344 OAKLAND AVE., Piedmont; 2-story 7-room frame residence and garage.
Owner—Chas. Bardwell Jr., 794 Calmar st., Oakland.
Architect—None. \$8000

ALTERATIONS

(154) 138 GREENBANK AVE., Piedmont; alterations.
Owner—Ethel Faunt, 138 Greenbank ave.
Architect—None.
Contractor—V. E. Burch, 1137 East 14th st., Oakland. \$1500

RETAINING WALL

(155) 129 REQUA Rd., Piedmont; retaining wall.
Owner—James J. Gier, Elks Club, Oakland.
Architect—None. \$4800

RESIDENCE

(156) 109 PALM AVE., Piedmont; 1-story 6-room frame residence and garage.
Owner—F. S. Hieronimus, 2515 Market st., Oakland.
Architect—None. \$5100

RESIDENCE

(157) 542 BOULEVARD Way, Piedmont; 1-story 5-room frame residence and garage.
Owner—Mr. and Mrs. K. E. Nyman, 6445 Raymond st., Oakland.
Architect—Louis Schalk, 5515 Market st., Oakland.
Contractor—K. E. Nyman, 6445 Raymond st., Oakland. \$5100

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

ALTERATIONS
(153) 1530 BROADWAY, Oakland; alterations.
Owner—Bedell Co., 1530 Broadway, Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th ave and East 12th st., Oakland. \$2500

DWELLING
(159) SE 26TH ST. 117 E 13th ave., Oakland; 1-story 6-room dwelling and garage.
Owner—Goard-Arnold & McCormick, 355 17th st., Oakland.
Architect—None. \$3450

DWELLING
(160) S HOPKINS ST. 162 W Montana st., Oakland; 1-story 5-room dwelling & Garage.
Owner—W. G. Roberts.
Architect—None.
Contractor—Andrew B. Gow, 501 Hardy st., Oakland. \$4250

SERVICE STATION
(161) SE 8TH & Harrison sts., Oakland; 1-story concrete and steel service station.
Owner—Shell Co. of Calif., 200 Bush st., San Francisco.
Architect—None. \$1500

DWELLING
(162) W FAIRFAX AVE. 375 S Monticello ave., Oakland; 2-story 7-room dwelling and garage.
Owner—Robert Trimlett, 8808 Foothill blvd., Oakland.
Architect—None. \$5750

DWELLING
(163) W PARKER AVE., 80 S Diana ave., Oakland; 1-story 4-room dwelling.
Owner—Oscar Ulin, 1356 East 28th st., Oakland.
Architect—None. \$2300

APARTMENTS
(164) 1783 SPRUCE, Berkeley; 3-story 12-room frame apartments.
Owner—Lillian P. Allen, 1839 Spruce st., Berkeley.
Architect and Contractor—Jack W. Thornberg, 1843 Spruce, Berkeley. \$25,000

APARTMENTS
(165) 1783 SPRUCE St., Berkeley; 3-story 12-room 5-family apartments.
Owner—Lillian P. Allen 1839 Spruce st., Berkeley.
Architect—Jack W. Thornberg, 1843 Spruce st., Berkeley. \$25,000

ALTERATIONS
(166) 2295-99 TELEGRAPH Ave., Berkeley; alterations.
Owner—Berkeley Treasury & Realty Co., 2004 San Pablo, Berkeley.
Architect—None.
Contractor—F. E. Anloff, 748 Mathew st., Oakland. \$1865

RESIDENCE
(167) 562 SANTA BARBARA Rd., Berkeley; 1-story 6-room residence.
Owner—David Kesti, 2217 Browning st., Berkeley.
Architect—None. \$3950

DWELLING
(168) E ROSS Circle 200 E Ross st., Oakland; 2-story 8-room dwelling.
Owner—R. R. Pew, 2930 Russel st., Berkeley.
Architect—None.
Contractor—C. H. Lawrence, 5321 Lawton ave., Oakland. \$11,485

SIGN
(169) 17TH & Clay sts., Oakland; roof sign.
Owner—Pacific Gas & Electric Co., 17th and Clay sts., Oakland.
Architect—None.
Contractor—Standard Electric Sign Co., 1122 Folsom st., San Francisco. \$2275

STORE
(170) NW EAST 12TH ST. & 51st ave., Oakland; 1-story store.
Owner—H. Salvador, 5034 East 14th st., Oakland.
Architect—None.
Contractor—J. V. Perry, 2430 Potter st., Oakland. \$2000

DWELLING
(171) GORE SUTTER & Liese aves., Oakland; 1-story 3-room dwelling.

Owner—L. E. Van Ness, 4920 Park blvd., Oakland.
Architect—None. \$2000

STORE
(172) W GROVE St. 170 S 37th st., Oakland; 1-story store.
Owner—Walnut Grove Cry, 27th and Grove sts., Oakland.
Architect—None. \$5000

BUILDING CONTRACTS

Alameda County

15 Mazzanti	Langeberg	1600
16 McNair	Windsor	7866
17 Bowles	Steel	18348
18 Pew	Lawrence	11,485
19 Pacific	Doell	1679
20 Bemiss	Anloff	7500

RESIDENCE
(15) 820 FIFTY-THIRD Ave., Oakland; all work on residence.
Owner—Leopoldo Mazzanti, 820 53rd ave., Oakland.
Architect—None.
Contractor—C. Langeberg, 3176 Hyde st., Oakland.
Filed Jan. 19, 1928. Dated Jan. 16, 1928
Frame up
When plastered
Completion
Usual 35 days
TOTAL COST \$1600
Bond, limit, forfeit, none; no plans or spec. filed.

RESIDENCE
(16) SW RHODA AVE AND E-THIRTY-eighth St. or Madeline St., Oakland. All work for frame residence.
Owner—Frances McNair, Oakland.
Architect—None.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.
Filed Jan. 20, '28. Dated Jan. 19, '28.
Frame up\$1866
1st coat plaster on 2000
When completed 2000
Usual 35 days 2000
TOTAL COST, \$7866
Bond, none. Limit, 85 days. Forfeit, \$1 per day. Plans and specifications filed

DORMITORY
(17) N RUNWAY APPROACH, Campus of University of California; steel work on 7-story reinforced concrete dormitory bldg.
Owner—Mrs. P. E. Bowles (by P. J. Walker Co., agent) Sharon Bldg., San Francisco.
Architect—George W. Kelham, 315 Montgomery st., S. F.
Contractor—Steel Service Co., 1280 Indiana st., S. F.
Filed Jan. 21, 1928. Dated Jan. 19, 1928
10th of each mo.75%
Usual 35 days25%
TOTAL COST \$18,348
Bond, \$9174.74; surety, Detroit Fidelity & Surety Co; limit, without delay; forfeit, none; plans and spec. filed

RESIDENCE
(18) LOT 12 ROSS CIRCLE, Oakland; all work on 2-story residence.
Owner—R. R. Pew, 2920 Russell st., Berkeley.
Architect—Carl K. Lawrence, 5321 Lawton ave., Oakland.
Contractor—C. H. Lawrence, 5321 Lawton ave., Oakland.
Filed Jan. 23, 1928. Dated Jan. 21, 1928
15th of month75%
Usual 35 days25%
TOTAL COST \$11,485
Bond, \$5742.50; surety, Continental Casualty Co; limit, July 23, 1928; forfeit, none; plans and spec. filed.

GAS PLANT
(19) BOUNDED BY Jefferson, First, Grove and Water sts., Oakland; plumbing on gas plant.
Owner—Pacific Gas & Electric Co., 17th and Clay, Oakland.
Architect—None.
Contractor—Carl T. Doell Co., 467 21st st., Oakland.
Filed Jan. 24, 1928. Dated Jan. 17, 1928
Completion75%
Usual 35 days25%
TOTAL COST \$1679.20
Bond, \$800; surety, Union Indem. Co; limit, 40 days; forfeit, none; plans and spec. filed.

DWELLING
(20) LOTS 136 & 137, Montera Tct, Mountain Gate Way and Los Aromas, Oakland; all work on 6-room dwelling and garage.
Owner—H. J. Bemiss, 1465 Wellington, Oakland.
Architect—None.
Contractor—E. A. Anloff, 748 Mathews, Oakland.
Filed Jan. 25, 1928. Dated Jan. 25, 1928
Frame up25%
Brown coated25%
Completed25%
Usual 35 days25%
TOTAL COST \$7500
Bond, none; limit 100 days; forfeit, none; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted
Jan. 20, 1928—LOTS 1 & 2, MAP No 1 Garcia Homestead Subd, San Leandro. A C Ostrom to whom it may concern. Jan. 19, 1928
Jan. 20, 1928—1534 CARLTON ST., Berkeley. J Chandler to A Jensen. Jan. 17, 1928
Jan. 20, 1928—LOT 28 BLK 35 Amended map of Fairmount Park, Berkeley. F E Sherwood to whom it may concern. Jan. 19, 1928
Jan. 19, 1928—LOT 14 BLK 3, Case Tct, Berkeley. J R Langtry. Jan. 17, 1928
Jan. 18, 1928—116 MAC KINNON ST, Piedmont. James Kjeldsen to whom it may concern. Jan. 18, 1928
Jan. 19, 1928—2202 ROSEDALE ST, Oakland. Lilla C Maul to I L Graves. Jan. 10, 1928
Jan. 19, 1928—RHODA and MADELINE sts. Oakland. Robert B McNair to Andrew Fleming. Jan. 17, 1928
Jan. 18, 1928—E PEARL ST 109.8 N of N Bdy line of Levelling Tct, Alameda. Mrs Eugenie C Hurlbert to William B Graybill. Jan. 17, 1928
Jan. 18, 1928—LOT 3 BLK C, Castro Valley Gardens, Eden Twp. Will Dobler to Edward W Hall. Jan. 13, 1928
Jan. 18, 1928—820-822-824 EVELYN Av Albany. S G Willson to S G Willson. Jan. 18, 1928
Jan. 18, 1928—3334 SIXTY-NINTH AV Oakland. Elva G Barr to whom it may concern. Jan. 18, 1928
Jan. 19, 1928—LOT 19 BLK 18 Las Palmas-on-the-Boulevard, Oakland. E R Williams to whom it may concern. Jan. 19, 1928
Jan. 20, 1928—LOT 28 BLK A, Sims Knoll, Oakland. Wm H Sims to whom it may concern. Jan. 19, 1928
Jan. 20, 1928—LOT 21 BLK A SIMS Knoll, Oakland. Wm H Sims to whom it may concern. Jan. 19, 1928
Jan. 20, 1928—LOT 10 BLK F, Piedmont Park, Piedmont. D Edwin Harris to A J Yerrick. Jan. 16, 1928
Jan. 22, 1928—LOT 7 BLK 5 Highland Manor, Oakland. Faletta H Philip to A H Monez. Jan. 19, 1928
Jan. 23, 1928—LOT 28 BLK R RESUB ptn Robert & Wolfskill Tr. W A Irwin to Geo H Lydicksen. Jan. 21, 1928
Jan. 23, 1928—727 SAN LOUIS ROAD, Berkeley. John G Hatfield to Harry E Kane. Jan. 23, 1928
Jan. 23, 1928—951 LONGRIDGE ROAD Oakland. James L Rich to James L Rich. Jan. 18, 1928
Jan. 23, 1928—NE 6TH AND M STS, Livermore. James B Lima to Independent Lumber Co. Jan. 16, 1928
Jan. 23, 1928—SW OLIVE & 82ND AV Oakland. B B Sharp Jr to whom it may concern. Jan. 20, 1928
Jan. 23, 1928—1130 88TH AVE, Oakland John Allan to whom it may concern. Jan. 21, 1928
Jan. 23, 1928—3702 HIGH ST., Oakland Robert Coles to whom it may concern. Jan. 20, 1928
Jan. 21, 1928—FRUITVALE. Southern Pacific Co to Hutchinson Co. Jan. 12, 1928
Jan. 21, 1928—FIRST ST., Oakland. Southern Pacific Co to Hutchinson Co. Jan. 12, 1928
Jan. 21, 1928—STATE HIGHWAY near Livermore. Dept of Public Works, Division of Highways to N W Ball. Jan. 17, 1928
Jan. 21, 1928—INTERSECTION NE E-Twenty-second St. and NW 11th Ave., Oakland. Edna V Nichols to Chester S Nichols. Jan. 20, 1928

Jan. 21, 1928—No. 1532 CARLETON ST., Berkeley. Elbert R. Crecque to whom it may concern Jan. 21, 1928

LIENS FILED

Alameda County

Recorded Amount
Jan. 19, 1928—N SNYDER AVE. 320 W. San Pablo ave., Berkeley. W. E. Rushing vs Joe and Helen Ayala. \$382.25
Jan. 19, 1928—1121 EVELYN ST., Albany. Rex Floor Co vs Mary Porter \$131
Jan. 19, 1928—1050 CORNELL AVE., Albany. Rex Floor Co vs Mary Porter \$131
Jan. 19, 1928—1048 CORNELL AVE., Albany. Rex Floor Co vs Mary Porter \$131
Jan. 17, 1928—LOTS 17, 18, 19 & 20 Blk A, Westall Trct., Oakland. Henry Co well Lumber & Cement Co vs H. H. Pruellage, G. E. Golvin. \$256.17
Jan. 18, 1928—LOT 12 MERRIEWOOD Trct., Oakland. B. E. Brown vs Realty Syndicate, W. T. Daily. \$2900
Jan. 17, 1928—LOT 81, UNIT C, OAK Knoll, Oakland. C. L. Hungerford vs E. M. Bergeisen. \$485
Jan. 20, 1928—LOT 67, West Broadmoor Extension, San Leandro. Frank Lopes vs R. W. Brown. \$75.46
Jan. 21, 1928—LOTS 15, AND 16 BLK 5 Kinsell Tract No. 2, Oakland. W. Webster, \$113.75 Thomas H. Johnson, \$200; J. R. Olivera, \$134.80 vs John H. and Rosalia Paise and L. Lindsey. \$194.02
Jan. 21, 1928—LOT 11 AND N 1/2 Lot 12 Blk 18, Map No. 4, Regents Park, Albany. Maxwell Hardware Co vs Mary Porter. \$84.25
Jan. 21, 1928—LOT 57 AND S 1/2 Lot 58 Blk 10, Map No. 4, Regents Park, Albany. Maxwell Hardware Co vs Mary Porter. \$88.50
Jan. 21, 1928—LOT 59 AND N 1/2 Lot 58 Blk 10, Map No. 4, Regents Park, Albany. Maxwell Hardware Co vs Mary Porter. \$203.95
Jan. 20, 1928—LOT 67, West Broadmoor Extension, San Leandro. Central Building Material Co vs R. W. Brown. \$203.95

RELEASE OF LIENS

Alameda County

Jan. 18, 1928—2625 GRANT ST., Berkeley. Maxwell Hardware Co to L. E. Reynolds. \$225.50
Jan. 18, 1928—2625 GRANT ST., Berkeley. Superior Tile & Products Co. to L. E. Reynolds. \$125
Jan. 18, 1928—2625 GRANT ST., Berkeley. Marcus & Merrick to L. E. Reynolds. \$37.65
Jan. 18, 1928—2625 GRANT ST., Berkeley. College Avenue Electric Shop to L. E. Reynolds. \$52.50
Jan. 17, 1928—LOT 28 BLK 5, MP NO 6 Regents Park, Albany. G. H. Foley to J. E. Coffer. \$67
Jan. 22, 1928—LOTS 21 & 22 BLK 2, Daley's Scenic Park, Berkeley. E. D. Hamilton, \$260; Jas. A. Davis Co \$580.20; W. H. Picard Inc \$2520.74; C. A. Rochester \$977.61; Harry Schmain \$1528.91; Superior Tile and Products Co \$1466.35; M. Friedman & Co. \$187.40; R. A. MacDonald and M. C. Henry \$375.53; Tilden Lumber Co \$2642.74; Steven Phillips \$2642.72; Concedo Fixture Co \$307, to E. D. and Mabel Bromlage.
Jan. 23, 1928—LOT 21 BLK 2, Daley's

Scenic Park, Oakland. Chas. A. Cain \$250; R. O. Brown \$219.65 and \$44, to E. D. Bromlage.

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

BUNGALOW
LOT 6 BLK 12, Baywood. All work for one-story bungalow.
Owner—W. W. Casey, 320 Ellsworth St., San Mateo.
Architect—None.
Contractor—Frank J. Ferrea, 712 5th Ave., San Mateo.
Filed Jan. 24, '28. Dated Jan. 17, '28.
Frame up \$286.25
Brown coated 2286.25
Completed 2286.25
Usual 35 days 2286.25
TOTAL COST, \$9145.00
Bond, none. Limit, 90 working days.
Forfeit, plans and specifications, none.

RESIDENCE
HOME MOUNTAIN ROAD, Portola. All work for one-story frame residence.
Owner—Mary A. Bowles, San Francisco.
Architect—Edward T. Foulkes, 357 12th St., Oakland.
Contractor—Harry W. Arnold, Redwood City.
Filed Jan. 23, '28. Dated Jan. 18, '28.
Frame up 25%
Brown coated 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$—
Bond, \$2465. Sureties, Z. T. Thorning and W. P. Gray. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

PERMITS

RESIDENCE and garage, \$9000; Lot 6 Blk 12, Howard St., San Mateo; owner, W. W. Casey, San Mateo; architect, Wolfe & Higgins, Realty Bldg., San Jose; contractor, Frank Ferrea, 712 5th Ave., San Mateo.
RESIDENCE and garage, \$7000; Lot 31 Blk 43, Bernal Ave., Burlingame; owner, Charles Hammer, 1524 Florabunda St., Burlingame.
RESIDENCE, \$8600; Lot 23 Blk 57, Easton; owner, G. Pollock; contractor, Dowsett, Ruhl & Co.
BUNGALOW and garage, \$5000; Lot 31, Blk 1, Columbus, Burlingame; owner, T. J. Broderick, 1528 Cypress, Burlingame.
BUNGALOW, \$6000; Lot A, Blk 3, Assica Dr., Burlingame; owner, P. D. Johnson, 732 Farrington, Burlingame.
BUNGALOW and garage, \$—; Lot 22, Blk 37, Stanley, Burlingame; owner, M. Lorenson, 16 Dwight, Burlingame.
RESIDENCE, \$8000; Lot 9, Blk 1, Pepper Ave., Burlingame; owner, Mrs. H. C. Morin, 1400 Bellevue, Burlingame; Architect, G. W. Williams Co., 1450 Columbus, Burlingame.
BUNGALOW and garage, \$5000; Lot 3, Blk 9, Oak Grove, Burlingame; owner, W. C. Roberts, 710 Grange Rd., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Jan. 16, 1928—LOT 5 BLK 65, Easton. Joseph T. Pierce to Robert H. Smith Jan. 12, 1928
Jan. 16, 1928—HOLY CROSS CEMETERY. Roman Catholic Archbishop to Barrett & Hulp Jan. 9, 1928
Jan. 16, 1928—LOT 10-A BLK 30, Lyon & Hoag Tract, Burlingame B. Grove

Pedersen to whom it may concern Jan. 13, 1928
Jan. 17, 1928—BLK 16-23 and 23-A, Redwood Highlands. Redwood City School District to E. K. Nelson Jan. 16, 1928
Jan. 17, 1928—LOT 31 BLK 10, San Bruno Park. John Maurice Lynch to whom it may concern Jan. 7, 1928
Jan. 18, 1928—LOT 17 BLK 13, Burlingame. Wm J. Nulle to Morhan & Nulle Jan. 6, 1928
Jan. 18, 1928—LOT 33 BLK 18, Crocker Tract, San Mateo. Edward Byrne to whom it may concern Jan. 15, 1928
Jan. 18, 1928—SYCAMORE AVE 100 N Third Ave to SE Cor. sold Lot 40 ft., San Mateo. Stewart S. Nelson to Mitchell-Jackson & Co. Jan. 1, 1928
Jan. 19, 1928—LOT 10 BLK 18 Crocker Estate. Nelson E. Sutz to whom it may concern Jan. 16, 1928
Jan. 19, 1928—LOT 3 SUBD LOTS 295 & 296 San Mateo Park. Sengfeld & Olund to whom it may concern Jan. 17, 1928
Jan. 19, 1928—LOT 7 BLK 6 BURLINGAME. H. J. Bruns et al to Charlie Hammer. Jan. 13, 1928
Jan. 19, 1928—PART LOT 15 BLK 127 South San Francisco. Sterling Foster Inc. to whom it may concern Jan. 17, 1928
Jan. 19, 1928—LOT 4 PART LOT 5 Easton. Vision Realty Co to MacDonald & Kahn Inc. Jan. 17, 1928
Jan. 20, 1928—LOTS 1 AND 6 BLK 2 Crocker Trct. John Viotti et al to A. J. Hervig. Jan. 3, 1928
Jan. 20, 1928—LOT 22 BLK 6 BURLINGAME. Richard J. von der Nieden to Albert M. Schulte. Jan. 3, 1928
Jan. 20, 1928—LOT D HILLSBOROUGH. Clarence K. Bennett to W. L. Hook. Jan. 17, 1928
Jan. 20, 1928—LOTS 38 & 39 BLK B, San Bruno. Miss Myrtle, Dr. Louis Munto to Delmar Norde. Jan. 20, 1928
Jan. 20, 1928—POOR FARM Property. Bounty of San Mateo to Doy Lind. Dec. 23, 1927
Jan. 21, 1928—LOTS 23 & 23 BLK 18 Crocker Trct. Paul E. Duerner to whom it may concern Jan. 19, 1928
Jan. 21, 1928—LOT 37 BLK 12 VISTA Grand. Burt Young to whom it may concern. Jan. 19, 1928
Jan. 21, 1928—W. OLIVER ST 71 N Risel ave 25 x 61.6. Lindsay Construction to whom it may concern. Jan. 20, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Jan. 17, 1928—LOTS 1 AND 2 BLK 12, Lomita Park. Pan American Wall Paper & Paint Co vs I. C. Foster et al \$43.80
Jan. 17, 1928—HOMESTEAD. San Mateo Planing Mill Co vs Otto Getto et al \$806.45
Jan. 18, 1928—LOT 36 BLK 6, Burlingame. Inlaid Floor Co vs M. Nelson et al \$85.25
Jan. 19, 1928—LOTS 12 AND 13 BLK 2, Brookhaven. San Carlos Lumber Co vs G. Blomberg et al \$200.22
Jan. 20, 1928—W. SAN DIEGO AVE 170 S San Mateo Ave th W 95, San Mateo. Richard H. Holmes et al vs Elias Israel \$109.48
Jan. 21, 1928—LOTS 12 AND 13 BLK 2, Brookhaven. W. S. Wetenhall et al vs G. Blomberg et al \$37.60
Jan. 21, 1928—LOT 12 BLK B, San Mateo Heights. San Mateo. Misnom Lumber Co vs Wisnom Lumber Co vs Vito Nick Continolo. \$942.80

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Jan. 20, 1928—No. 930 BRUNSWICK St. Lot 1, West End, San Mateo. H. R. Cinnamon to John Drummond. \$59.50

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

BUILDING CONTRACTS

SANTA CLARA COUNTY

PERMITS

RESIDENCE, 2-story, 9-room, \$12,860; First nr. Mission; owner, Dr. C. M. Burchfiel, Garden City Bank Bldg., San Jose; architect and contractor, Tynan Const. Co., 1090 The Alameda, San Jose.

CHURCH bldg., \$12,000; Prevost and Grant, San Jose; owner, Christian Assembly, San Jose; contractor, T. H. Herschbach, Bank of San Jose Bldg., San Jose.

RESIDENCE, 5 rooms, \$5000; First and Rosa, San Jose; owner, Mrs. F. E. Palmer, 45 N Fifth; Architect, Tynan Const. Co., 1090 The Alameda; contractor, Jos. Hansen, 122 Martin ave.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 13, 1928—BLDG ON BEG E IRIS Court 255.09 ft S Minnesota Ave, San Jose. Anna D. Cobb to whom it may concern. Jan. 11, 1928

Jan. 13, 1928—BLDG ON LOTS 12, 14, 15, Blk 27, College Terrace, Palo Alto. Mary M. Paul to whom it may concern. Jan. 12, 1928

Jan. 10, 1928—BLDG ON LOTS 11 & 12, Blk 16, College Terrace, Palo Alto. Constance Rossong to whom it may concern. Jan. 9, 1928

Jan. 17, 1928—LOT 1 BLK 1, Bartley Tract, Palo Alto. B F Burkhardt to whom it may concern. Jan. 15, 1928

Jan. 18, 1928—LOS GATOS UNION High School (2-story addition). Bd of Trustees of Los Gatos Union High School District to whom it may concern. Jan. 10, 1928

Jan. 18, 1928—LOS GATOS UNION High School (heating system). Board of Trustees of Los Gatos Union High School District to whom it may concern. Jan. 10, 1928

Jan. 18, 1928—ON 0.17 ACRES ON N Channing Ave 93.1 W Newell Road W 50xN 150, Seale Ranch. Arthur Newman et al to whom it may concern. Jan. 17, 1928

Jan. 18, 1928—LOT 15 BLK 8 R 2 W Maces Southwestern Addn. Antonio Cucciarre to whom it may concern. Jan. 17, 1928

Jan. 18, 1928—W THIRTEENTH ST., bet. Empire and Washington Sts., San Jose. Wm F Serpa to whom it may concern. Jan. 17, 1928

Jan. 18, 1928—N NEVADA AVE 372.2 SW Lincoln Ave., San Jose. Harry A Houser et al to whom it may concern. Jan. 13, 1928

Jan. 20, 1928—LOTS 21 & 22 BLK 1, Keiser Tct. E J Mayer to whom it may concern. Jan. 20, 1928

Jan. 20, 1928—120 SE OREGON 22 NE fr li bet lots 9 & 12 SE 60 x SW 121 to beg ptn lots 9 to 12 blk 1 Seale Tr No 6, Palo Alto. C E Rothschild to whom it may concern. Jan. 19, 1928

Jan. 20, 1928—LOTS 46 & 47 BLK 1 Vendome Park. Frank V Cardoza to whom it may concern. Jan. 20, 1928

Jan. 19, 1928—W 5TH ST 180 N Washington st, Mary P Richter to whom it may concern. Jan. 10, 1928

Jan. 19, 1928—LOT 2 MAURER SUBD. W F Dixon et al to whom it may concern. Jan. 18, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Jan. 14, 1928—LOT 13, BLK 2, New Park Subd, Santa Clara. Hubbard & Charnichael Bros vs. John R. Nasera. \$57.29

Jan. 10, 1928—LOT 15, BLK 7, Good-year Tract, Santa Clara. McElroy-Cheim Lumber Co vs. Peter Antonichio. \$125.38

Jan. 10, 1928—LOT 2, V A Scheller Subd of Sunol Partn. Santa Clara. M. J. Enos vs. G. Ribise et al. \$453

Jan. 18, 1928—SE SAN FERNANDO and First Sts., San Jose. S Harlick et al vs Fred W Hollman, Inc et al

Jan. 20, 1928—BEG SW MIDDLEFIELD rd 150 SE Forest ave SE 50 x SW 150 ptn lot 4 blk 55, Palo Alto. George Erskine vs Michael Caruso st al. \$348.14

Jan. 20, 1928—SW MIDDLEFIELD RD 150 SE Forest ave SE 50 x SW 150 ptn lot 4 blk 55, Palo Alto. C B Spangler, \$47.60; James S Scott, \$132.25; A C. Ellis et al \$223.65; vs Michael Caruso et al.

Jan. 19, 1928—SE UNIVERSITY AVE 117.5 NE West st NE 100 x SE 150 ptn lots 9 to 12 blk 117 Crescent Park Palo Alto. Edward S Cooley vs Salve Matheson et al. \$427

Jan. 19, 1928—SW 66 OF LOTS 17 TO 20 subd B 39, Palo Alto. Edward Cooley vs A R Bacon. \$140

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Jan. 10, 1928—LOT 19, BLK G, Redwood Estates, Tract No. 1, Map No. 2. Sterling Lumber Co to Rosahe Trachslor et al. \$

Jan. 10, 1928—3 ACRES ON SW MONterey Rd & SE McLellan Ave, also 2.995 A on SE McLellan Ave, 425.95 ft SW Monterey Road. San Jose Hdw Co. to Campbell & Budlong Machine Works. \$

Jan. 20, 1928—LOT 45 BLK B Redwood Estates No 1, E J Faltersack to C C Kyes et al. \$200.25

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

RESIDENCE
SAUSALITO, Marin Co.; carpenter work etc. on 1-story cottage.
Owner—Peter F. Frund, Sausalito.
Architect—None.
Contractor—Gus W. Steffen.
Filed Jan. 19, 1928. Dated Jan. 6, 1928

When frame up \$1000
Brown coated \$1000
Completion 1000
25 days after completion 500
Bal. of \$300 at \$50 a month.

TOTAL COST \$3800

Bond, limit forfeit, none; plans and spec. filed.

DWELLING
SAN ANSELMO, Marin Co.; carpenter work, etc. on frame dwelling.
Owner—Sylvia Paille, San Anselmo.
Architect—None.
Contractor—Domenic Ferrero, 21 Bell ave., San Anselmo.
Filed Jan. 19, 1928. Dated Jan. 9, 1928

When frame up \$1200.00
When brown coated 1200.00
When completed 1080.32
Usual 35 days 1161.00

TOTAL COSST \$4651.82

Bond, \$2350; surety, A. Bonaiti, W. P. Pizochero; limit, 75 days; forfeit, none; plans and spec. filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
Jan. 17, 1928—FERNHILL PARK, Ross R M Hill and wife to Frank H Allen Inc. Jan. 12, 1928

Jan. 17, 1928—SAUSALITO. Kate Gleason to whom it may concern. Jan. 14, 1928

Jan. 21, 1928—SAN RAFAEL, Robert Magnes to Gagnon Bros. Jan. 19, 1928

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

COTTAGE and garage, frame and plaster, \$5000; E 22nd bet. Clinton and Garvin, Richmond; owner, Burg Bros., 309 23rd st., Richmond.

COTTAGE and garage, frame and plaster, \$3300; E Key blvd. bet. Roosevelt and Sierra; owner, F. P. Bolger, 408 Tulare ave., Richmond.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 20, 1928—NW ¼ OF SEC. 57 of the Weber Grant of the Sonora Road, Stockton. George Grice to C M Bisby. Jan. 20, 1928

Jan. 20, 1928—LOT 3 BLK 4, Yosemite Terrace, Stockton. W H Ecker to Ecker Bros. Nov. 1, 1927

Jan. 16, 1928—HARRISON ST BET Weber and Main lot G, Stockton Associated Oil Co to whom it may concern. Jan. 5, 1928

Jan. 16, 1928—LOT 1 BLK 6 LINCOLN Manor subd Addn to Tracy. Gust Nordstrom and wife to Frank Riberts. Jan. 11, 1928

Jan. 17, 1928—HARRISON ST bet Weber and Main sts, lots 10 & 12 blk G, Stockton. Associated Oil Co to Villadsen Bros. Jan. 7, 1928

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

STORE BLDG.
SALINAS. All work for reinforced concrete store building and dry cleaning plant.
Owner—Erinda Norris, Salinas.
Architect—None.
Contractor—E. M. Britt, Prunedale District, Salinas.
Filed Jan. 12, 1928. Dated Jan. 9, 1928.

Materials on ground and forms completed for dry cleaning plant. \$ 750.00
Dry cleaning plant completed and foundation in for store bldg. 750.00
Roof completed for store bldg. 916.50
All work completed 916.50
Usual 35 days. 1111.00

TOTAL COST, \$4444.00

Bond, \$— Sureties, Clarence and L. M. Tynan. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
Jan. 14, 1928—BLK 224 MAP PACIFIC Grove Acres. Edward W Fassett to J B Inman. Jan. 7, 1928

Jan. 14, 1928—LOT 13 BLK 23 MAP OF Springs 2nd Addn to Calinas City. Florence N Lowden to W M Anderson. Jan. 2, 1928

Jan. 16, 1928—LOT 3 BLK 1 STONE'S Hd Add to Salinas City. C L and June A Wilder to C F Lang. Jan. 14, 1928

Jan. 11, 1928—LOT 6 & N½ LOT 8 blk 87 map Addn No 5, Carmel by the Sea. Charles Price Chadsey to Hugh W Comstock. Jan. 5, 1928

Jan. 13, 1928—CERTAIN PARCEL ON South Main st. known as Salinas Union High School lot. Salinas Union

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

High School Dist to Scott Co. Jan. 12, 1928
 Jan. 21, 1928—LOTS 15 & 20 BLK 163
 Fifth Addn to Pacific Grove, Ira
 Deakin to E R Stalter. Jan. 11, 1928
 Jan. 16, 1928—PART OF SAUSAL
 Rancho, A J Yates to whom it may
 concern. Jan. 16, 1928
 Jan. 19, 1928—LOTS 1 & 2 BLK 19,
 map Monterey Heights, Monterey, Fred
 McCrary to whom it may concern. Jan. 17, 1928
 Jan. 17, 1928—LOT 6 BLK 34 Little's
 survey of New Monterey, Vita Aiello
 to E H Sundberg. Jan. 8, 1928
 Jan. 20, 1928—HOT SPRINGS TRACT
 Del Monte Heights, ptn lot 1 blk 15,
 Maggie A Reese to E O Reese. Jan. 18, 1928
 Jan. 20, 1928—W SINEX AVE abt 88 S
 inter Sinex with Cedar, Pacific Grove
 Alice M Watson to whom it may concern. Jan. 16, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount
 Jan. 12, 1928—PTN LOT 8 BLK 4 Live
 Oak Park, Blackman-Anderson Mill
 & Lumber Co vs W J and Jane Doe
 Sirey. \$751.19
 Jan. 13, 1928—LOT 2 BLK 151 MAP
 Fourth Addn to Pacific Grove, George
 D and Victor H. Patrick vs Dave F
 C and Christine Weight. \$275.12
 Jan. 13, 1928—LOT 15 BLK 70, Hart-
 nell Partition of Monterey, George D
 and Victor H Patrick to Dave F
 and Ann S La Vine. \$260
 Jan. 13, 1928—LOT 1 BLK 151 MAP
 Fourth Addn to Pacific Grove, George
 D and Victor H. Patrick vs Dave F
 and Anna S La Vine. \$275.12
 Jan. 13, 1928—LOT 6 & S½ LOT 4
 blk 87 as show on official map Third
 Add to Pacific Grove, George D and
 Victor H Patrick vs Floyd E Bryant. \$360
 Jan. 13, 1928—LOT 2 & N½ LOT 4 Blk
 87 as shown on official map Third

Add to Pac Grove, George D and
 Victor H Patrick vs Floyd E Bryant. \$360
 Jan. 13, 1928—LOT 3 BLK 151 MAP
 Fourth Addn to Pacific Grove, George
 D and Victor H Patrick vs George C
 and Christine Weight. \$282.75
 Jan. 16, 1928—S½ LOTS 15 & 16 BLK
 25 Springs Second Add to Salinas
 City, Tilden Lumber & Mill Co vs
 Matt C Bordges. \$2106.26

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
 Jan. 16, 1928—LOT 9 BLK 26 MAP
 Springs 2nd Addn to Salinas City,
 Tylan Lumber Co to Clifford F and
 Florence Wiggins. \$1067.04

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
 Jan. 19, 1928—LOT 14 BLK 3, Proctor
 Terrace, George and Florence R
 Starr to Chas Donovan. Jan. 19, 1928

BUILDING CONTRACTS

SACRAMENTO COUNTY

PERMITS
 RESIDENCE, 7-room and garage, \$5000;
 No. 3514 M St., Sacramento; owner,
 George Bowen, 1015 S St., Sacramento
 contractor, M. J. Snell.
 RESIDENCE, 9-room and garage, \$9000;
 No. 3770 19th St., Sacramento; own-
 er, Wm. Murcell, 10th and V Sts.,
 Sacramento.
 RESIDENCE, 6-room and garage; \$7000;
 2701 Florence Place, Sacramento;
 owner, George Caldwell, Rt 10, Box
 4308, Sacramento; contractor, F. E.

Michael, 1817 Burnett, Sacramento.
 RESIDENCE, frame, 7-room and garage,
 \$7500; No. 3664 Lincoln Way, Sacra-
 mento; owner, Geo. Beard, 331 22nd
 St., Sacramento; contractor, Robt.
 Powell & Co., 1309 6th St., Sacra-
 mento.
 RESIDENCE, 8-room and garage, \$8000;
 No. 3449 I St., Sacramento; owner,
 Frank Quadros, 1827 3rd St., Sacra-
 mento.

COMPLETION NOTICES

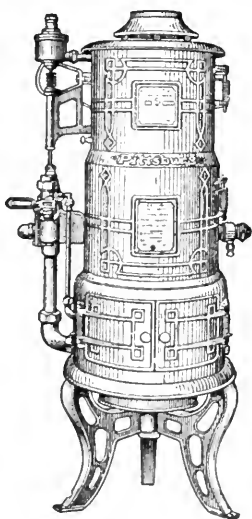
SACRAMENTO COUNTY

Recorded Accepted
 Jan. 17, 1928—LOTS 5 & 6, BLK A
 Gould And Tet, Sacramento, Wil-
 liam Brown to whom it may concern
 Jan. 10, 1928
 Jan. 17, 1928—LOT 73, Montclair Tet,
 known as 4301 H St, Sacramento,
 Wm W McClintock to whom it may
 concern Jan. 17, 1928
 Jan. 16, 1928—LOTS 1 & 2, N.O. 13th
 14th, Sacramento, Westminster Pres-
 byterian Church, Inc. Bldg Comm.
 to whom it may concern Jan. 9, 1928
 Jan. 18, 1928—LOT 40 W & K TCT NO
 32 Max A and Julia Mobley to whom
 it may concern. Jan. 17, 1928
 Jan. 14, 1928—LOT 22, Von Waldron
 Tract, Sacramento, Lizzie S Banner
 to whom it may concern Jan. 14, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Accepted
 Jan. 17, 1928—LOT 40 W & K Tct No.
 32, Sacramento, Mapes Lumber Co.
 vs. M. A. Mobley \$611
 Jan. 18, 1928—LOT 140 PALMETTO
 Hts, Sacramento, Sacramento Plumb-
 ing Supply Co vs Ray D Boltz and
 Peter Mukulicin. \$28.47



A "Pittsburg" Auto-
 matic Water Heater
 installed in the Home
 indicates high quality
 throughout.

Recommended and speci-
 fied by all the leading arch-
 itects, plumbers and
 builders.

Consider the high merit
 of the Pittsburg coupled
 with "Pittsburg Perfect
 Service."

"Hot water quick as a
 wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
 OAKLAND

478 Sutter Street
 SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes
 advance information on work projected and contracts
 awarded for all classes of building, street, sewer and
 highway projects, bridges, dams and harbor works, ma-
 chinery, etc. Send for rates in your territory, advising
 class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
 General Mill and Cabinet Work, Stock Doors, Sash Frames
 and Mouldings

JERROLD AVE. & VARNEVELD AVE.
 Mission 901-902-903-904 San Francisco



BUILDING *and* ENGINEERING NEWS

Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., FEBRUARY 4, 1928

Published Every Saturday
Twenty-eighth Year No. 5

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., FEBRUARY 4, 1928

Twenty-eighth Year No. 5



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

S. F. BUILDING IN JANUARY TOTALS \$3,710,925

Private building construction under-
taken in San Francisco during the month
of January, 1928, involved an expendi-
ture of \$3,710,925, according to Henry
Shields, acting chief building inspector
of the Department of Public Works.
During the month 611 building permits
were granted.

January, 1927, activities involved an
expenditure of \$3,403,955 with 691 permits
issued. December, 1927 construction in-
volved the issuance of 611 permits for
improvements valued at \$2,582,015.

Following is a segregated report of the
January, 1928, activities, as compiled by
the Department of Public Works:

Class	No. of Permits	Est. Cost
A	4	\$ 835,000
B	1	200,000
C	17	1,028,475
Frames	243	1,443,770
Alterations	346	203,680
TOTAL	611	\$3,710,925

GLASS BLACKBOARDS EXPERIMENT

Experiments looking toward an im-
proved visibility of blackboards in public
schools have brought forth the translu-
cent blackboards on whose surface writ-
ing are plainly visible from all part of a
room.

The effect is obtained by abandoning
the usual opaque board and substituting
therefor a ground glass surface uniform-
ly illuminated from the rear. With the
customary room illumination, part day-
light and part electric, everything on this
blackboard is visible from all part of the
room.

Incidental advantages gained are: ease
of erasure, ability to use the surface as
a translucent screen for projecting lan-
tern slides with the possibility of adding
chalk lines to projected diagrams; ability
to intersperse chalk talks with lantern
slides without changing the general room
illumination.

PURCELL SUCCEEDS MORTON AS STATE HIGHWAY ENGINEER

C. H. Purcell of Portland, an engineer
of the United States Department of Pub-
lic Roads, has been named State High-
way Engineer to succeed Robert M. Mor-
ton, resigned.

Morton was appointed in 1923 by For-
mer Governor Richardson to succeed Ogden
B. Fletcher.

Announcement of Purcell's appointment
to the \$10,000 a year state portfolio was
made by E. B. Meek, director of the
State Department of Public Works. Meek
stated that the appointment is a part of
the plan of organization of the new de-
partment.

Purcell's appointment becomes effective
immediately.

Director Meek also announced the ap-
pointment of C. C. Carleton of Los An-
geles as chief of the division of contracts
and rights of way in his department.

Carleton formerly was attorney for the
State Highway Commission and is re-
garded as an expert in laws pertaining
to rights of way. Harry Encell of Oak-
land, present attorney for the commis-
sion, will work under his direction.

Purcell, who originally came from Los
Angeles, attended Stanford University for
a time and later graduated from the en-
gineering department of the University
of Nebraska. He has had twenty-two
years of civil engineering experience.

For the last fifteen years he has de-
voted his time exclusively to highway
engineering. He has served the Federal
Government for seven years in the Bu-
reau of Public Roads in the district com-
prising Oregon, Washington, Idaho and
Montana, with headquarters at Portland.
Purcell recently declined a position as
State Highway Engineer for Oregon.

Morton, upon announcement that his
resignation had been accepted, left for
Los Angeles.

BULLETIN ON HOME FINANCING NOW AVAILABLE

"Present Home Financing Methods" is
designed to assist those who must bor-
row in order to buy, build, or re-finance
their homes, and to present pertinent
information for those interested in im-
proving the home financing facilities of
their communities.

This publication, issued by the Build-
ing and Housing Division of the Depart-
ment of Commerce, considers home buy-
ers and builders in three groups accord-
ing to the percentage of the cost they
can give as an initial payment, and dis-
cusses the policies and methods of lend-
ing agencies available to each group.
Second and third mortgages and the
land contract method of purchases are
also described. The section "Choosing
a Home Finance Agency" guides pros-
pective borrowers in determining the
merits of various loan plans, and indi-
cates some of the pitfalls to be avoided.
Possible improvements in present facili-
ties and suggestions for their realization
are discussed in the conclusion.

This publication has been submitted
to experts in the home financing field
throughout the country, and has been
highly recommended as of distinct value
to prospective home buyers and build-
ers. Copies of the 15-page mimeograph
preliminary edition may be obtained from
the Division of Building and Housing
of the Department of Commerce on re-
quest.

WET LUMBER INCURS CRITICISM ON PACIFIC COAST

The difficulty in obtaining seasoned
lumber and the frequently deplorable re-
sults when green lumber is used are
causing considerable dissatisfaction with
wood construction on the Pacific Coast.
It is reported by the National Lumber
Manufacturers' Association. The Trade
Extension engineers of the association's
Western Division offices, confirm the re-
port after interviewing architects, con-
tractors and specifying buyers.

As the Trade Extension Department
feels that the matter of furnishing
properly seasoned lumber is of much im-
portance to the industry, in that it af-
fects the public's attitude toward lum-
ber as a whole, it is believed that ser-
ious study should be given the dissat-
isfaction which results from the inabil-
ity to procure dry lumber.

Many architects in Portland are reluc-
tant to recommend wood construction
because of the shrinkage which results
from green timber, according to William
D. Smith, of the Portland district of-
fice.

One architect reports abandoning
frame buildings because of the crack-
ing of plaster, and trouble with fitting
doors and sash, which, he says, is caused
by the use of green lumber.

Another states that while steel frame
costs more and has to be fireproofed
he thinks that the extra expense is
well justified on account of the lack of
shrinkage. It is alleged by several Port-
land architects that mills are furnish-
ing wet lumber, which has a shrinkage
of as high as 5 per cent.

Many like complaints have also come
from San Francisco and Los Angeles.

Reuben W. Smith, of the San Fran-
cisco office, reports that one engineer
who has had considerable difficulty be-
cause of the necessity of using partly
seasoned timbers is contemplating a
switch to steel.

STRESS ON STEEL REVEALED IN COLOR

Problems too intricate for the skilled
mathematician can now be solved with
colors.

A machine in the research laboratory of
the Westinghouse Electric and Manufac-
turing Company analyzes into beautiful
browns, yellows and green the stress ex-
erted on parts of complicated electrical
apparatus. Until the invention of this
device engineers could only guess at the
distribution of stress on vital units of
machines. Now the whole story is un-
folded to them in color on a screen.

R. V. Baud, research engineer who
built the analyzer, made it a practical
application of photo-elasticity, a phe-
nomenon known to physicists for some
time. A celluloid model of the metal part
to be studied is subjected to a light beam
which, after passage through a series of
lenses and crystals, casts a colored re-
flection of the unit.

When the model is at rest it appears
on the screen in shades of gray. As soon
as stress is applied, however, these som-
bre colors resolve into browns, yellows
and greens that vary with the force ex-
erted. Points of greatest stress, such as
the contracts, of moving gear teeth, ap-
pear in dark greens, which quickly dis-
solve into light greens, yellows, browns
and finally grays as the stress is relieved.

TECHNOLOGICAL CONTROL OF THE QUALITY OF CONCRETE - BY J. A. KITTS

BY JOSEPH A. KITTS, CONSULTING CONCRETE TECHNOLOGIST, KITTS & TUTTILL, SAN FRANCISCO, CALIF.

Concrete production is a manufacturing process. The manufacture of concrete of quality requires thorough, constant and understanding technical and practical control of proportioning, measuring, mixing, placing and curing, in co-ordination with and supported by, cement, aggregate and concrete testing as a daily routine part of such production control.

Qualities Demanded

Considering the various classes of structures for which concrete is suitable, the qualities demanded and to which attention should be given are: (1) Economy, (2) Durability, (3) Strength, (4) Density, (5) Imperviousness, (6) Weight, (7) Resistance to fire, ice, wear, chemicals, etc., and (very important) (8) Essential workability, flowability and cohesion of the fresh mix. The relative importance of each depends upon the purpose but, economy is always important. These qualities should be known with practical certainty before the concrete is placed instead of after, or not at all, as is the prevailing situation.

There is evidence that these qualities depend upon some or all of the following items of the composition and manufacture:

- Cement quality.
- Cement content.
- Cement to space occupied.
- Water-cement ratio.
- Quality of aggregates.
- Shape of aggregates.
- Maximum size of aggregates.
- Coarseness or fineness modulus of aggregates.
- Surface area of aggregates.
- Uniformity of grading of mixed aggregate.
- Character of uniformity of grading of mixed aggregate.
- Cement to voids in mixed aggregate.
- Cement to voids in fine aggregate.
- Sand to voids in coarse aggregate.
- Mortar to voids in coarse aggregate.
- Accuracy of measurement of aggregates, cement and water.
- Mixing time and efficiency of mixer.
- Temperature of curing.
- Moisture of curing.
- Efficiency of placing plant, and workmanship in mixing, placing and curing.

Economical Mixture

Economical mixtures, of the required quality in other respects, depend upon the utilization to the fullest possible extent of these conditions which economically benefit that quality, likewise, the best quality within the limitations of the requirements. The various empirical formulas for strength are apparently only of general significance, insure only an approximation of the strength expected and have no definite bearing on the other qualities. Any value of the one variable of the particular formula gives widely different results. It seems evident that the time is not ripe to predict the strength or other quality of concrete by formula, and formulas involving only one variable cannot possibly account for the many variables which affect any particular quality. More research and more complete data of concrete mixtures are required before we can accurately differentiate the various elements which affect the qualities.

Producing Concrete of Quality

The solution of the problem of producing concrete of quality, then, is not in empirical formulas but in thorough technological control of the manufacture, utilizing such knowledge as we have of the physics of concrete, necessarily con-

ducting concrete research as a normal operation of such control, and, in the development of a comprehensive concrete technology. Results on California projects of 1000 to 457,000 cubic yards have shown that this is the solution of the problem of producing concrete of quality with economy, and the requirements of these projects have brought forth many new developments in concrete technology.

These developments and their application are quite pertinent to the subject and will be outlined briefly. They are founded on the new conception of concrete production, for quality, as a manufacturing process requiring constant technological control. They are designed for manufacturing concrete to economical and definite standards of strength, density, impermeability, weight, durability, and of essential workability, flowability and cohesion of the fresh mix. They make concrete research a normal operation of construction with savings in cost over empirical control, with results sought and with greater uniformity in the required quality of the product. These developments and their application constitute the first economic concrete technology. They are enumerated as follows:

Concrete Materials and Mixtures

(1) A comprehensive physico-mathematics of concrete materials and mixtures:

This is the foundation of the testing, proportioning and measuring procedure. It is an application of fundamental physics and mathematics to the measurement and interpretation of the physical properties, relations and characteristics (a) of rock particles,—specific gravity, absorption, hardness, fusibility, solubility, etc.; (b) of mixtures of particles,—density, gradation of sizes, fineness modulus, surface area, silt, moisture, bulking by loose measure and moisture, and relations of absolute, dry-rodded, loose-measured and inundated volumes and of weights; (c) of mortar and concrete mixtures,—density, weight, water-cement ratio, consistency, yield, cement content, cement to voids in the mixed aggregate, cement to space occupied, sand to voids and mortar to voids in the coarse aggregate, permeability, predetermined strength at any age, etc.

(2) Co-ordination of the tests for the various physical characteristics of aggregates:

By this co-ordination, the tests of aggregates for density, specific gravity, absorption, moisture, silt, bulking, etc., are made with the least number of operations. It is neither expedient nor economical to test for density, then for specific gravity, then for weight per cubic foot, etc., as the time and labor of handling measurement and of calculation are increased a number of times over that actually required by a co-ordinated test procedure.

(3) Co-ordination of aggregate tests and aggregate mixture tests:

This reduces the number of test operations required.

(4) Co-ordination and systematization of aggregate, aggregate mixture, mortar and concrete mixture tests:

Test Operations Reduced

This greatly reduces the test operations required for the determination of the characteristics of a concrete mix,—weight, density, water-cement, cement-space, yield, cement content, granular

structure, voids relations, consistency, predetermined strength, etc., and expedites concrete testing with economy. It facilitates the maintenance of quality by the expedition with which a complete concrete test may be made.

(5) Co-ordination of field and laboratory measurements by actual dry-rodded, loose-measured and inundated volume, and by weight:

This makes it possible and practicable to accurately duplicate laboratory measurements in the field by weight or volume. It is essential, in laboratory maintenance of quality, that the field measurements of aggregates by loose-moist volume and the corresponding laboratory measurements by weight are identical in absolute volume of particles, likewise by other methods of measurement.

(6) An algebraic method of combining any number of sizes of aggregates for any uniform grading:

Accuracy Obtained

This makes it possible to calculate in a few minutes time the proportion of three, four or any number of sizes of aggregates to fit a grading curve or equation, and is more accurate, and much faster than the old graphical cut-and-try method. It is accomplished by employing the fineness modulus principle in connection with a grading equation such as the Talbot-Richart equation

$$p = (d/D)^n$$

(see "The Strength of Concrete, Its Relation to Cement, Aggregate and Water," by A. N. Talbot and F. E. Richart, Bulletin No. 137, Engineering Experiment Station, University of Illinois).

(7) The Kitts-Peugh grading equation, for grading of sizes of particles in a mixed aggregate,

$$r = \frac{1 - (d/D)^m}{1 - (a/D)^m}$$

in which (r) is proportion by absolute volume retained on screen opening of (d) inches, (D) and (a) are maximum and minimum sizes, respectively, and (m) is an exponent:

Uniform Grading

This provides for uniform grading of any fineness modulus and surface area. It is similar to the Talbot-Richart equation excepting that it limits the minimum size of the aggregate, excluding silt. A particular value of (m) provides the mixture of the required quality with the greatest possible economy under the fixed conditions.

(8) Proportioning aggregates for uniform grading by sizes and absolute volume of particles.

This is equivalent to grading by size and weight when the specific gravities of the individual aggregates are the same. It is a measure for maintenance of quality based on the idea that the physical character of a concrete mix (of a particular aggregate and cement) is fixed by the absolute volume and size gradation of the aggregate particles and the absolute volumes of cement and water. (See "Exact Basis of Concrete Proportioning," Building and Engineering News, January 7, 1928).

(9) Co-ordination of the fundamentals of the various theories of proportioning concrete mixtures:

This takes into consideration the voids theories, that the water-cement ratio, cement to space occupied, cement content, density; and, of density, surface area, fineness modulus, and uniformity of grading of the mixed aggregate. It

has many advantages over any one-theory proportioning method as it takes advantage of every established element which benefits quality and effects economy.

(10) Establishment of technological control as a daily routine of concrete production:

Maintenance of Quality

The man-hours of control are arranged to keep up with the changes in density, specific gravity, moisture and bulking of the individual aggregates, and the modifications of proportions, for maintenance of quality, required by these changes. By this technological control, the physical characteristics of a proposed concrete mix, density, weight, water-cement, workability, minimum probable strength, etc., are determined before the concrete is placed, thus insuring quality and effecting economy. The effectiveness of this control in the maintenance of quality depends upon items (1) to (9) and also upon scientific insight into the laws of concrete mixtures and practical "concrete sense." One man-hour of laboratory control is required for every 50 yards as a maximum under favorable conditions. Control costs vary from 3 cents to 40 cents per cubic yard, depending upon the production rate and other conditions.

(11) Co-ordination of aggregate and concrete production control on major projects:

Technical production control of the aggregates serves to maintain the uniformity and other qualities of the product and the quality of the concrete may, by this co-ordination of production, be maintained with better uniformity and with greater economy than possible by control of concrete production alone.

(12) Other practical and scientific elements of aggregate and concrete manufacturing control, specifications, plant layout, apparatus, etc., to maintain the uniformity of quality and reduce the margin of excess cement required.

Aggregate and Concrete Production Control

The system of aggregate and concrete production control, applying these developments, consists of:

(1) Maintenance of a central cement, aggregate and concrete testing laboratory at the major structure of the project; field laboratories for moisture tests of aggregates, slump tests of concrete and the making and preliminary curing of test specimens; and an aggregate test-

ing laboratory at the aggregate plant.

(2) Preliminary research tests of cements, aggregates, and of aggregate, mortar and concrete mixtures,—varying grading, fineness modulus, cement and water content, to determine the most economical mixtures of the required physical properties and workability; determination of strength, density, weight, water-cement, cement-space, consistency, yield, cement per cubic yard, economy factors, diagrammatic analysis of test results, etc.

(3) Maintenance of one man-hour laboratory control for every ten to fifty cubic yards of concrete depending upon the conditions.

(4) Routine tests of aggregates as received, for specific gravity, density, fineness modulus, grading, moisture, bulking, and absorption, in connection with silt and organic matter tests at the aggregate plant.

(5) Calculation and readjustment of proportions of aggregates and water as required by changes in grading, density, specific gravity, moisture and bulking of the individual aggregates.

(6) Laboratory duplication of each change of proportions to check the physical characteristics expected for that grading, cement and water content.

(7) Routine slump tests and making and breaking periodical test specimens.

(8) Organization and systematization of laboratory control with measuring, mixing, placing and curing, maintenance of chronological records of quality, development of research data, etc.

Local Projects Cited

The quality of concrete has been maintained by this system of control on the Exchequer Dam and Yosemite Valley Railroad relocation of the Merced Irrigation District (457,000 cubic yards), on the Melones Dam of the Oakdale and South San Joaquin Irrigation Districts (90,000), on the Oakland-Alameda Estuary Subway (75,000), and on other projects, all in California. An enterprising distributor of ready-mixed concrete in San Francisco has installed this system of laboratory control and supplies "certified concrete," certifying strength, water-cement ratio, barrels of cement per cubic yard, grading, fineness modulus, weight, density, etc., as required. Unprecedented results in strength, weight, density, economy and other qualities have been obtained and maintained with uniformity.

HANDWRITING ON THE WALL

The following communication is contributed for publication in these columns by Art. Strong, 2004 Market street, San Francisco, who furnishes the caption—above—HAND WRITING ON THE WALL.—Editor.

About 30 years ago, when reinforced concrete was yet in the experimental stage, Mr. George W. Percy, a prominent San Francisco architect, since passed away, wrote a remarkable article on "Coming, The Age Of Reinforced Concrete."

Were he alive today, he would see such an age that would surpass his fondest dreams. The use of natural stone, brick, cast iron supports, etc. In all engineering work is passe, and with few, trifling exceptions, all building construction in and about San Francisco is of reinforced concrete.

Better and more scientific methods of testing materials, more efficient methods of making the forms and placing the reinforcing, with more up-to-date methods of handling the aggregate have brought concrete construction to a science.

The land owner in the country whose land contains much sand and gravel, sells these materials or leases his acres to the building supply man, and at a profit in excess of returns from his most fertile land. Meanwhile the building industry is slowly but surely coming to the

time when there will be a shortage of sand, gravel, etc.

During the late World War concrete ships were a demonstrable fact, and at that time the first light, strong durable aggregate was tried and tested, and declared fit for the best concrete work, but after the armistice the use of concrete ships was discontinued.

The use of specially burned clay as a substitute for rock, gravel and sand is destined to replace the heavier aggregates wherever lightness, strength and durability are required, as this material has the following points in its favor:

Fireproof, easily cut, non-conductivity, soundproof, heat, cold and damp resistant and vermin proof, light in weight, perfect in adhesion and easily handled, with high crushing strength, lower building cost, availability, etc.

In steel structures, the weight of steel can be materially reduced and the shoring and temporary supports made lighter.

Burned clay used for light concrete must not be confused with brick clay, as concrete aggregate is made of special clay by a special process and produces a lighter and harder concrete than crushed, burned clay brick.

Coming: The Age of Light Durable Concrete.

HERE — THERE — EVERYWHERE

Between 450 and 500 delegates from all parts of California will attend the annual convention of the California Building Trades Council to be held in Petaluma next March.

The Architects' League of Hollywood has decided to hold its annual architectural exhibition at the California Art Club on Olive Hill, March 13 to 18, inclusive.

Next regular meeting of the Orange County Builders' Exchange will be held Feb. 10 at the Southern Seas Club, Newport Beach, it is announced by Morris Shelton, secretary of the organization.

According to reports from Los Angeles, the Mexican Federation of Labor is understood to be cooperating with the American Federation of Labor this year in a drive to enroll from 6000 to 8000 Mexicans in Los Angeles and Southern California as members of the federation.

The annual convention of the Arizona Lumbermen's Club will be held March 16, 17 and 18, instead of during February as originally announced.

H. A. Setter, Santa Barbara city plumbing inspector, has prepared an amendment to the plumbing ordinance providing for inspection of all gas heater installations, both new and old heaters, when repaired by plumbers. City inspectors will require installations with proper vents and protection against the danger of fire.

Annual election of officers of the Hayward (Alameda County) Builders' Exchange will be held Feb. 7, it is announced by E. P. Whitman, secretary.

Coast Counties Master Plumbers' Association held a meeting in Watsonville, Jan. 25 with representatives from Salinas, Monterey, Pacific Grove, Santa Cruz, Gilroy and Hollister in attendance. Topics of importance to the trade were discussed.

A. A. Wesendunk, 57, retired building contractor of San Francisco, was found dead on his yacht at Vallejo, Jan. 24. Death was due to a heart attack. Two sons and a daughter survive.

Lewis H. Greenwalt, 56, died in Sacramento Jan. 29, following an illness of more than a year. Greenwalt's contribution to Sacramento's progress included superintendence of construction on the Forum Building and the Union Stage Depot. He was also superintendent of construction on the more important projects undertaken in the Northern California district. A widow, daughter and four sons survive.

W. S. Kendall of Stockton, capitalized for \$50,000, has been incorporated, to deal in office fixtures and furniture, including safes and bank vaults. Directors are: W. S. Kendall and C. C. Williams of Stockton, V. E. Kohler, Robert A. Gardiner and W. B. Steiger, Sacramento. Headquarters of the company will be located in Stockton.

Quigley Furnace Specialties Co., 26 Cortlandt St., New York, is marketing the Quigley Bitumen Gun which carries the "spray" idea of applying liquids into a new field—that of applying bituminous products as protective coatings to foundations, walls, roofs, dams, bridge piers and abutments, pipe lines, penstocks, vats, vaults, etc.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

The Los Angeles Board of Education has discontinued the practice of allowing a bond to accompany bids for construction work, and in the future will accept only a certified or cashier's check as a guarantee.

Michael Murphy, sewer and water workworks contract or of Berkeley, has applied for a patent on a rapid and simple method for jointing and laying vitrified-clay sewer pipe with flexible jointing mediums.

Eighteenth annual convention of the County Supervisors Association of California will be held in San Francisco, March 6-7-8. Following the close of the convention the members will go by special train to Los Angeles to attend the Western Road & Equipment Exposition.

On Jan. 15 there were 50 strikes before the U. S. Department of Labor for settlement and in addition 10 controversies which had not reached the strike stage. The total number of cases pending was 60 of which five were new. The new cases involve miners, printers, electrical workers, electric railway works and metal polishers.

Three cargoes of Russian spruce arrived at New York during the fall of 1927, some 7,000,000 feet in all. To the middle of December shippers' agents had been unable to dispose of it. A Swedish cargo of 3,000,000 feet is also in difficulties, boards being cut five-eighths scant.

Pioneer Lumber & Box Co. of Mt. Shasta has been sold and will hereafter be operated as the Mt. Shasta Pine Manufacturing Co. The Pioneer concern was one of the first plants in Siskiyou county and operated continuously for a number of years. The sales includes all lands of the company with about ten thousand acres of standing timber. Frank Ball has been elected president of the new company and E. W. Spaulding of Grants Pass, Ore., secretary. Directors of the company are: Wm. Geisendorfer, Louis Solari and S. W. Morrison.

Raymond P. McIntosh, hydraulic engineer, formerly connected with the Department of Engineering of the City and County of San Francisco, died suddenly at Banning, Cal., while on a vacation trip. Death occurred Jan. 28. Mr. McIntosh was a graduate of the University of California. He assisted in the construction of the O'Shaughnessy Dam and other important units of the Hetch Hetchy project for the city of San Francisco. A widow and son survive.

The 1927 construction volume was the second highest in the history of the country, according to F. W. Dodge Corporation. For the entire country, total 1927 construction volume was estimated a little over \$6,800,000,000, being a loss of 3 per cent from 1926.

Dr. Wm. F. Durand, member of the Federal Fact Finding Commission, addressed the membership of the American Society of Mechanical Engineers, Jan. 26. He discussed the Boulder Creek dam and the All-American Canal projects. Dr. Durand advocated the dam as a means of controlling the Colorado river and estimated the total cost of a dam 550 feet high capable of impounding 26,000,000 acre feet of water at \$125,000,000.

Redwood producers start the year 1928 with 5,986,000 ft. cut, 4,985,000 ft. shipped and 5,652,000 ft. sold for the week ending Jan. 7, while 29,676,000 ft. ordered was unshipped, some 20 million ft. less than normal. The 16 mills reporting also cut 1,540,000 ft. of whitewood, shipped 982,000 ft., sold 2,864,000 ft., and had 5,848,000 ft. of unfilled orders on the books.

San Francisco's imports were \$160,134,000 and her exports \$126,211,000 during the first nine months of 1927, according to the San Francisco Chamber of Commerce which organization bases its estimate on U. S. Chamber of Commerce statistics. The same figures placed Los Angeles' exports for the same period at \$88,847,000, and her imports at \$36,105,000; Seattle's exports at \$93,334,000 and her imports at \$185,192,000. The total exports for the United States during the nine months were announced as \$3,508,730,000 and the imports \$3,153,080,000. United States exports showed an increase of 3 per cent over the corresponding period of 1926, while the imports showed a decrease of 5 per cent.

Governor C. C. Young has requested B. B. Meek, state director of public works, and Alexander R. Heron, state director of finance, to investigate the advisability of setting up a state owned and operated plant. Such a move was proposed at the 1927 legislature by a bill sponsored by Senator J. M. Inman, of Sacramento.

Declaring that the highway construction program can be adequately financed, by the present gas tax, B. B. Meek, director of the Department of Public Works, is on record against the principal of toll bridges as a California policy. Meek also urged against the proposed \$40,000,000 bond issue to build a new "high speed" highway from San Francisco to Los Angeles, and voiced opposition to the Fellom \$10,000,000 grade crossing measure, on which California will be asked to vote next November. The grade crossing bond proposition, Meek said, is unnecessary inasmuch as the Highway Commission can take care of the problem.

TRADE NOTES

Thomas Albert Work Jr. and Stuart Albert Work will operate from Light-house and Davis Aves., Monterey, under the firm name of Work Lumber Company.

Oakland Harbor Construction Co., Inc., of Oakland, capitalized for \$100,000, has been incorporated and will engage in general harbor and ship construction. Directors are: A. J. Mervy, Oakland, and J. L. Semorile and Kathryn Donovan of San Francisco.

Copper and Brass Research Association of New York announces the opening of Pacific Coast offices at 909 Architects' Building, Los Angeles. The branch will be under the direction of Timothy G. Turner. The Pacific Coast office is at the service of architects, contractors and owners who desire information connected with the application of copper, brass or bronze in building, electrical or other fields.

E. E. Bowe has been assigned to the Los Angeles district in connection with the trade extension activities of the National Lumber Manufacturers' Assn.

Mount Shasta Pine Co., capitalized for \$300,000, has been incorporated. Directors are: Frank Ball, E. W. Spaulding and other businessmen of Mount Shasta. The company will engage in a general logging and lumber manufacturing business.

Monolith Portland Cement Co., with headquarters in Los Angeles, will expend \$350,000 in enlarging the plant in the Tehachapi Valley, 50 miles east of Bakersfield. The company is now operating with a payroll of 300 employees.

Directors of the Pacific Coast Steel Co., have approved a \$500,000 appropriation to finance erection of an additional unit to the South San Francisco plant for the manufacture of bolts, nuts, rivets and various types of hardware. The additional quarters will have an output of approximately 3000 tons a month.

Jas. E. Butler, formerly associated with the Columbia Steel Co. of Pittsburg and San Francisco, has been named assistant to H. H. Whiting, president of the Best Steel Casting Co., Oakland, manufacturers of steel and iron castings.

Everlastone Products Corp., 1400 Moreland ave., Baltimore, Md., is marketing the Everlastone Incinerator for homes. According to A. F. Rankin, general manager of the company, the incinerator can be purchased for less than \$100 for a new job and for approximately \$180 in a ready-built house.

E. Earl Glass, manager of the Southern California Rock Products Association, has established new quarters in the Hibernian Bldg., Los Angeles. Glass will continue to manage the affairs of the Southern California Rock Products Association. In addition he will organize and manager other associations.

Winfield Scott has been appointed director of public relations of the Western division of the National Lumber Manufacturers' Association. His jurisdiction extends over California, Oregon, Washington, Arizona, Nevada, Utah, Idaho and Montana and also to British Columbia. His headquarters will be in San Francisco. Scott is known in California both as a writer and as a speaker on forest topics.

The Bradford Machinery Co. is the name of a new company organized in Terra Bella (Tulare county) to do a general pump and machinery business. The company will combine the equipment of the N. T. Bradford Machine Co. of Terra Bella with the equipment of the Ulmer Machinery Corp. of Porterville. Headquarters will be maintained at Porterville, the Terra Bella shop being discontinued. The company will cover machinery contracts in Tulare, Kern, Kings and Fresno counties. The Bradford Co. is composed of N. T. Bradford of Terra Bella; T. A. Alexander, Guy Knapp and Allan F. Bullard of Porterville, and Chester Dowell of Lindsay. The company will continue to handle Western pumps in addition to Ulmer pumps which have been manufactured both at Porterville and Santa Ana.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

WATER WORKS MEET SET

The next meeting of the California Section of the American Water Works Association will be held in San Francisco, the week of June 11th, 1928, in conjunction with the annual convention of the American Water Works Association. Wm. W. Hurlbut, 207 South Broadway, Los Angeles, is secretary.

ENGINEERS TO INSPECT DAM

Stockton Chapter, American Association of Engineers, will visit the Lancha Plana dam project, now in course of construction, of the East Bay Municipal Utility District. The inspection will take place Feb. 5. Luncheon will be served after the inspection tour.

RICHMOND BUILDERS' EXCHANGE FEATURES ORIENTAL NIGHT

"Oriental Night" was celebrated by members of the Contra Costa County Builders' Exchange at Richmond January 26. About 100 members and their friends attended the social. Walls of the exchange quarters were covered with Chinese hangings and flowers and incense bowls decorated the tables. A four-course Chinese dinner was served. Music and entertainment were features of the evening.

OAKLAND-ALAMEDA ESTUARY TUBE MARVEL OF ENGINEERS

The new Oakland-Alameda tube beneath the estuary is described as "a marvel of engineering skill" by George E. Tonney, president of the San Francisco Bay Region Society of Engineers.

Mr. Tonney's testimonial followed an inspection trip of 300 engineers. They were taken through the tube by Lochiel King, resident construction engineer.

Engineering leaders of the society said that the tube construction could well be classified with the big engineering feats of the country as a "masterpiece of workmanship."

They spoken admirably of the fine work done by George A. Posey, Alameda county surveyor, and chief engineer of the tube job, King, the construction engineer, and their staffs.

BERKELEY TRADE EXTENSIONS CLASSES SUCCESSFUL

More than two hundred tradesmen who are actually engaged in the trades in which they are receiving instruction are enrolled in the trade extension classes which are being conducted at the Berkeley Evening Trade School under the direction of the vocational department of Berkeley public school, according to G. C. Mann, director of vocational education. The classes are under the immediate supervision of D. G. Young, head of the industrial department of Berkeley High School, and are held in the Berkeley high school shops, Grove St. and Allston Way, Monday, Tuesday, Wednesday and Thursday evenings. The classes in electricity, steel square and trade science and concrete construction, are proving especially popular. A new class in sheet metal work which was opened for the first time this semester was practically filled by the second session. Other courses which are being offered are listing and estimating, plan-reading and drawing, slide rule and engineering mathematics, alternating current electricity, and installation of motors. A limited number of new enrollments will be accepted in these classes and those interested should enter at once.

S. F. MASONS AND BUILDERS HOLD ANNUAL BANQUET

The annual banquet of the San Francisco Masons and Builders' Association was held at the Hotel Richelieu, Jan. 28.

Emil Hogberg, president of the association, opened the affair with a brief address of welcome following which he introduced John Gwynn of N. Clark & Sons, who catered to the ladies present with a poetical poem.

W. S. Dickey Clay Manufacturing Company played host to the ladies in the way of a clothes brush and Henry Cowell Lime & Cement Company treated the men folks to cigars.

Following the banquet dancing was enjoyed until midnight.

Credit for the success of the event is due to Walter N. Reed, secretary of the association, who carried the program out on schedule.

CONTRACTORS COMPLETE MERGER FOR \$100,000,000 CONSTRUCTION PROGRAM

Formation of the largest engineering and construction firm in this country is announced by Arthur W. Thompson, president of the United Gas Improvement Co. in Philadelphia.

Four companies outstanding in the field of general engineering construction and public utilities have combined their interests to form a new organization, to be known as United Engineers and Constructors, Inc.

The firms involved are the U. G. I. Contracting Co. of Philadelphia; Public Service Production Co. of Newark; Dwight P. Robinson & Co., New York; and the Day & Zimmerman Engineering & Construction Co., Philadelphia.

The new company is launched with contracts in hand amounting to more than \$100,000,000.

Dwight P. Robinson, head of the company which bears his name, is president of the new organization. A. W. Thompson, who announced the new corporation, is chairman of the board. The other directors are Thomas N. McCarter, president of the Public Service Corp. of New Jersey, Samuel T. Bodine, chairman of the board of the United Gas Improvement Co., Paul Thompson, a vice president of the United Gas Improvement Co. and president of the Philadelphia Gas Works Co., and John E. Zimmerman, president of Day & Zimmerman, Philadelphia.

General offices of the United Engineers & Constructors, Inc., will be in Philadelphia. Offices also will be located in Chicago, Atlanta, New York, Los Angeles, Houston, Newark, Pittsburgh, Buenos Aires, and Rio de Janeiro.

Outstanding contracts to be completed by the new company include the construction of large dams on the Ohio river for the United States Government, extensive hydro-electric development on the Housatonic river, Connecticut, important construction operations in Argentina, large office and apartment buildings in New York and other cities, and construction of a Consulate building in Seville, Spain, for the United States Government.

Wm. Bear of the San Francisco office of the Pacific Gas & Electric Co., addressed the Sacramento Valley Electrical Society in the Elks' Building, Sacramento, Jan. 11. His topic was "Radio Interferences—Its Causes and Its Cures." H. E. Brillhart, president of the society, presided at the dinner served in connection with the address.

ALONG THE LINE

A. A. Clark has been appointed electrical inspector of Newman (Stanislaus county) succeeding G. A. McIntosh, resigned.

Sidney B. Noble and T. Newsom, architects, formerly located in the Nevada Bank Bldg., San Francisco, announced removal of offices to 1615 Broadway, Oakland.

M. J. Tierney has been appointed superintendent of public buildings by the San Francisco Department of Public Works. Tierney succeeds C. W. Meehan, who retired because of disability. Tierney's duties commence Feb. 1.

Howard F. Cozzens, county surveyor of Monterey, is recovering following an operation for appendicitis. He will return to his office in about six weeks, according to his physician.

J. Emil Petersen, manager of the Port Cost Lumber Co., at Vallejo Junction, died at his home in Oakland, Jan. 22, at the age of 65 years.

J. Emmett Olmstead, editor of the Petaluma Argus, has resigned as a member of the California State Industrial Accident Commission. His successor is yet to be appointed.

The facilitate building in the country club area, the Del Monte Properties Co., has developed an architectural department under the supervision of William Otis Raiguel with headquarters at the Hotel Del Monte. The department will prepare and supervise construction of homes for country club members.

W. A. Richmond, civil engineer, has opened offices at 261 Davis St., San Leandro, and will engage in the practice of civil engineering and surveying. Previous to coming to San Leandro, Mr. Richmond was associated for ten years as assistant city engineer of Salt Lake City and for four years with the Utah State Engineering Department, in addition to five years with the American Smelting & Refining Company as construction engineer.

Chas. H. Lee, San Francisco consulting engineer, has been retained by the Berkeley city council as consultant on the \$500,000 storm sewer program about to be launched in that city. Mr. Lee for the past year has been a member of a board of three engineers studying the sanitary and storm sewer problems of Oakland.

M. G. Riggs, city plumbing inspector of Hayward (Alameda County) is making changes in the city plumbing code and these will be presented to the city trustees shortly for adoption. The present ordinance is not entirely satisfactory, it is said, due to the fact that it applies to old-fashioned plumbing methods and materials.

W. A. Bechtel, San Francisco contractor, was elected president of the Associated General Contractors of America, at the annual convention of that organization in West Baden, Ind., Jan. 27. E. J. Thomas of Memphis, Tenn., elected vice-president, died suddenly after assuming the position of vice-president. Death was due to a heart attack. Mr. Bechtel, as president, succeeds Sumner Solitt of Chicago and Los Angeles. Vice-presidents elected with jurisdiction over states in their territory included W. H. Wattis, Ogden, Utah.

STEWART INSO BOARD COMPANY NOW OPERATING AT FULL CAPACITY

BY SIDNEY D. WELLS, DIRECTOR, PAPER MILLS LABORATORIES, INC.,
FORMERLY OF FOREST PRODUCTS LABORATORIES
OPERATED BY U. S. DEPT. OF AGRICULTURE

Completion of the mill of the Stewart Inso Board Company of St. Joseph, Mo., is announced. The mill was completed last August and since that time the company has been engaged in overcoming and working out several technical "bugs" that have shown up in the process of manufacture. These difficulties have now been entirely eliminated and from now on rapid progress toward quantity production will be made. The story of tests made from mill-run samples by the Armour Institute of Technology, published herewith, gives one a complete summary of the Stewart product—the process of manufacture, etc.—EDITOR.

From the earliest beginnings of civilization straw has played an important part in the habitation of both man and beast and while other types of building have come and gone we find straw still used to a large degree on account of its great warmth retaining properties and general distribution. Until recently, however, straw has been used largely without much fabrication, whether it has been for covering the cattle shed on the western ranch or the thatched roof of the English country cottage. In its natural state it has wonderful properties for preventing the escape or passage of heat and is unexcelled in this respect by any natural vegetable materials. The fabrication of structures designed to take advantage of the insulating properties of straw, however, has always been a problem which has confined it to primitive uses.

Product a Heat Insulator

Modern manufacturing methods and scientific investigation have at last overcome all obstacles and the advantages of straw as a heat insulator are available to the builder in a form that can be easily handled while at the same time it is free from the disadvantages of unfabricated straw. In addition the product possesses the strength needed for walls or roof and it is capable of supporting plaster, stucco or roofing materials as well as for use as sheathing and interior finish. It can also be used for deadening sound in buildings and for general structural and decorative purposes wherever required.

Process of Manufacture

The process for fabricating this straw pulp product consists of first softening the straw by digestion in rotary globe shaped vessels under steam pressure with a solution of suitable chemical. This treatment loosens the bonds between the millions of individual fibers and cells in the straw and converts the glutinous and siliceous compounds into an excellent adhesive which later in the process serves to bind the fibers together and renders the board waterproof.

The cooked straw is dumped from the rotaries and shredded and beaten by suitable machinery to separate the material into its elementary fibers and cells. In this operation it is partly washed and thoroughly sterilized—but care is exercised to preserve the binding and water proofing material in the mass. This material is then set upon the fibers by use of the proper reagent and the mass run over a special board machine in which it is formed into a continuous board and the excess of water squeezed out. The board is then passed through a tunnel drier 1000 feet in length by means of live rolls and is subjected to a heat of 500 degrees F. It emerges at the other end a continuous board 12 feet wide and one-half inch thick which is then cut to marketable size.

Value of Straw

Insulating materials are made from numerous waste materials but none of them have the fine fibrous structure characteristic of straw or as high an insulating value or in other words as low heat conductivity and at the same time equal strength. Tests which have been made on the straw pulp board give the lowest heat conduction value of any tests made on similar material now on the market. In addition to its physical properties, the cooking and water-proofing process used in its manufacture renders the board vermin and insect proof. We thus have available a new material which should prove an important factor in building construction and conservation of material.

This board as now made has a density of between 16 and 17 pounds per cubic foot and is 7/16 of an inch thick. It is cut into panels four feet wide and any length that can be conveniently shipped. Its weight per thousand square feet will run from 580 to 620 pounds. Its heat conductivity is such that one inch thickness of this board is the equivalent of three inches of ordinary wood sheathing, or 18 inches of brick, or 32 inches of concrete. In other words one layer of this material is equal to three thicknesses of ordinary sheathing lumber with building paper in between to prevent the passage of air through cracks and knotholes. The structural strength of this insulating board with its long, tough, interlaced fibers and its millions of concealed dead air cells is such that it builds a wall of much greater resistance than that of ordinary building materials. Forces exceeding 800 lbs. per square foot are necessary to pull apart the bond between the fibers. Strips of the board 6 inches wide without plaster with supports 12 inches apart are capable of sustaining a concentrated load of the middle of 35 pounds with a deflection of only one inch. With plaster the stiffness of the board is materially increased. On account of the fact that the straw pulp board is made in panels 4 feet wide, walls constructed with standard studding on 16 inch centers are more rigid and need less bracing than walls constructed of joists and ordinary wood sheathing in the usual manner.

Tests Are Cited

In view of these tests it is evident that this new product is a substantial building material and the opportunity for its use in building construction is almost unlimited. In comparing the relative merits of various types of building material it is essential that the insulating value should be considered in conjunction with its weight per cubic foot and its strength. Taking all these factors into consideration the straw pulp product is unexcelled.

In summarizing the merits of Inso Board the following characteristics stand

out prominently: (1) It is composed of straw material fabricated in such a manner that the fine fibrous structure always characteristic of straw is retained and on account of the thorough intermeshing of these long tough fibers a board of unusual strength results. (2) On account of the fine cellular fibers each carrying quantities of minute cells and securely interlaced, the board is composed of millions of small air cavities which give it a higher insulating value than is possible with other fibers. (3) The process used in manufacture takes advantage of the natural bonding and water proofing substances always characteristic of straw and a moisture proof board of well bonded fibers is obtained. (4) On account of the fine, long, characteristic fibers or straw it is capable of withstanding greater stress and deflection than would be possible if made of coarser and shorter fibrous material. (5) On account of its unusual strength and rigidity as well as its greater insulating value it serves as a multiple purpose board. In other words it gives greater resistance to the passage of heat, cold and sound, and at the same time adds greater structural strength to any form of construction than the materials it replaces.

Production Unlimited

The Structural Insulating Board, the manufacture of which is above described, can, due to availability and annual reproduction of its raw material, be produced in unlimited quantities and at a cost which may result in an economic revision of present day building construction.

Reports of all statistical agencies indicate that the coming year will see as great or greater building activities than any time heretofore. Then, too, due to its economic uses and fuel saving properties, there is an ever increasing interest in and demand for insulation in buildings, as evidenced by magazines and current literature everywhere. A recent bulletin issued by the United States Bureau of Standards, states that a series of tests on various materials showed that insulation in dwelling houses results in from 20 to 60 per cent saving in fuel. In this day of high priced fuel, unnecessary heat losses are a serious matter and insulation therefore becomes an important item to all property owners. In view of all this, considerable attention will likely be attracted by the new straw pulp structural insulating board, as it ranks exceedingly high, both in insulating properties and structural uses.

The product referred to is known as Inso Board and is manufactured in a newly constructed mill at St. Joseph, Mo. In deciding upon the manufacture of Inso Board the source of the raw material was of prime importance. By locating at St. Joseph, in the center of the world's largest wheat growing section, with six railroad system radiating in all directions, an ideal location was realized. There are also ample supplies of labor, water and fuel and a better location for the distribution of the product could not be found.

\$4,000,000 POWER PLANT IS PLAN OF GREAT WESTERN POWER

Construction of a \$4,000,000 power plant on a 40-acre tract facing the Indian Basin is planned by the Great Western Power Company, it is announced by A. Emory Wishon, general manager of the company. Plans for the plant are being completed by McClellan & Junkersfeld, consulting engineers of New York, who will supervise all construction. The plant will generate 35,000 kilowatts and will be the first unit in a gigantic steam installation that will eventually generate hundreds of thousands of horsepower of electrical energy.

STATE MASTER PAINTERS TO SEEK LICENSE LAW — CONVENTION NOTES

With the closing of its Twenty-fourth Annual Convention the California State Master Painters' and Decorators Association held January 19, 20 and 21 at the Palace Hotel, San Francisco, set a new high record for attendance, work done, and entertainment. It marked the close of a most successful year of cooperative efforts on the part of the various groups in the organization and laid out policies which go far in building up the association and the industry which it represents.

State License Urged

Of the resolutions which were passed, the outstanding were, the state licensing which is to be urged at the next session of the legislature; the resolution to back the compulsory insurance law which already exists; and the appointment of a committee to work toward the inclusion of the spray machine in the safety ordinance.

Three hundred and sixty-one persons sat at the banquet Saturday evening. Of this number over 200 were delegates and members of the association. Delegates from Los Angeles, Orange belt counties, Santa Ana, Long Beach, the Peninsula, San Jose, Sacramento, Reno, Alameda county and San Francisco were in attendance.

In previous years it has been the practice for manufacturers to have exhibits at the conventions. This year the practice was discontinued. The only exhibit was that of the San Francisco Apprentice school. This included extremely attractive specimens of wall and wood finishes.

Officers Elected

At the final session of the convention the following officers were elected: President, O. F. Tallman, Los Angeles; first vice president, A. Van Heerden, Oakland; second vice president, F. Kiesel, San Francisco; secretary, Arthur Graff, Los Angeles; treasurer, Max Cohn, San Francisco, were unanimously elected for the coming year.

For the executive board the following were elected: Alameda county—C. Sparwasser, U. S. Gardner, Bert Johnson, John Heritage and Wm. Chalmers; Burlingame, Chas. Leis; Palo Alto, W. T. Von Hacht; Sacramento, E. J. Brickell, C. V. Brown and W. Triplett; San Jose, Wm. Loos, Chas. Scarper and G. E. Lenzen; Pasadena, P. Schwenzfeier; Los Angeles, Horace Mann, W. S. Kline, A. S. Grant, J. L. Kelly and R. O. Tuttle; San Francisco, Frank Dixon, J. F. Provoo, R. Postler, A. D. Sutherland, C. B. Sovig and Louis Taddeucci; San Diego, A. Pearson and W. O. Maler; Reno, W. H. Curtin and O. R. McGinty; Santa Ana, W. F. Sorensen; Long Beach, L. C. Riley; San Bernardino, Tim Shenan.

Credit for the successful management of the convention is due to the convention committees which were headed by S. F. Cohn of San Francisco with Frank La Torres, secretary, and H. E. Brace, president of the Master Painters and Decorators Association of San Francisco. F. Kiesel, reception; A. D. Sutherland, press; L. J. Neal, hotel; F. Dixon, banquet; J. G. Exley, registration, and R. Postler, bus ride.

Convention Efficiently Managed

The Master Painters and Decorators Association of San Francisco is to be congratulated upon the efficiently managed convention which has just become history and the way in which they lived up to the traditional hospitality which

San Francisco shows to its visitors.

Opening on Thursday morning routine business was followed by the appointment of committees. At the afternoon session H. E. Brace, president of the San Francisco association, gave an inspiring address of welcome. C. A. Boren of San Diego, president of the State Association, gave the high lights of the past year. Vice Presidents O. F. Tallman and A. Van Heerden followed with short talks.

Wm. Woolley, who has been secretary of the association for the past eight years, gave his report. Mr. Woolley, during the convention, was made an honorary president of the association in recognition of his long and faithful service.

Max Cohn's report on the financial condition showed them in good shape. Mr. Cohn, one of the early members of the association, has held the post of treasurer for many years.

Further reports were given by Harry McManus, Alameda county, on Legislation; E. C. Thomas, Alameda county, on Insurance; W. J. Curtin, Reno, Nev., on Insurance in Nevada.

Conditions Favorable

Reports on local conditions indicated that the past year had generally been successful. The following presidents of the various local groups also made their reports: W. Van Wye of Alameda county; L. C. Riley of Long Beach; A. Graff of Los Angeles; J. L. Kelley, Los Angeles; W. F. Sorensen, Orange county; P. Schwenzfeier, Pasadena; L. B. Whinigar of the Peninsula; C. Simmonds, Sacramento; W. Pearson, San Diego; F. Kiesel, San Francisco; W. McGinley, San Jose; W. Hickox, Stockton, and O. R. McGinty, Reno.

To License Painters

The important business on hand Friday morning was the reports of the Resolution Committee. It was decided that the necessary steps be taken to put before the next session of the State legislature a measure making the licensing of painters a compulsory measure. This, it was agreed, would prove highly beneficial in many ways.

A compensation insurance statute already exists upon the state laws making the carrying of insurance by employers a compulsory matter. It was shown that this has not been thoroughly enforced and the association voted to back up the State Insurance Board in its efforts to make the measure 100 per cent effective.

It was further resolved to take the necessary steps to have operators of spray machines included in the benefits of the safety ordinance.

One of the papers read during the convention was an able outline of conditions in the Northwest from J. W. Sorensen of Portland.

Wm. Woolley, the secretary, choose as his subject, "New Competition," and presented some very interesting and worth-while suggestions.

Trophy for Membership

Last year the California association was the winner of the second prize at the National convention. With this money the State association purchased a trophy which it is planned shall be held for a year by the local group showing the largest percentage of increase in membership during the preceding year.

For 1928 the trophy, a beautiful bronze

palatte with bushes, goes to San Jose. The name of the winner of the trophy is to be inscribed on the back each year.

Saturday morning at the final session, gifts were presented to the retiring president, C. A. Boren of San Diego; Wm. Woolley of Burlingame, and Max Cohn of San Francisco. The gift in each case was an arm chair.

L. A. Gets Next Meeting

Los Angeles was chosen as the convention city for 1929 and the new president, O. F. Tallman, was elected delegate to the International Convention, which will be held in Houston in 1928.

The entertainment during the convention was most successful. For the visiting ladies the Ladies Auxiliary, with Mrs. H. E. Brace, chairman; Mrs. F. Kiesel, Mrs. C. E. Gordon, Mrs. A. D. Sutherland, Mrs. R. E. Cavanaugh, Mrs. Russell Hinton, Mrs. L. J. Neal, Mrs. T. La Torres and Mrs. B. T. Collins, held a reception to the visitors at the Palace Hotel from 2 to 4 on Thursday. On Friday a luncheon in their honor was held at the Aladdin Studio Tiffin Room followed by a trip through Chinatown.

Theatre Party

Thursday evening a theatre party was given for the visitors and their wives at the Alcazar Theatre.

Friday evening the Golden Gate Paint Co., Oil and Varnish Club was the host at a buffet dance in the Palace Hotel Ball Room. Chas. B. Woodruff, past president of the club, gave the official greeting.

Saturday evening a banquet was given in the ball room of the Palace Hotel, which taxed its seating capacity. At this time the officers for the coming year were installed in a novel fashion.

Entertainment Is Feature

Aa fantasy consisting of a prologue and one act, called "The Dreamers," was a feature of the entertainment program. The playlet featured four friends of the association spending their annual vacation at Yosemite Park. In addition to this feature the entertainment program provided 19 additional numbers.

STATE CIVIL SERVICE EXAMS

California State Civil Service Commission with offices in San Francisco, Sacramento and Los Angeles, announces examinations will be held in the immediate future for the following positions:

Junior Designing Engineer, Bridges, Grade 3 and Assistant Designing Engineer, Bridges, Grade 4, the former position paying from \$170 to \$250 a month and the latter \$235 to \$280 a month.

Junior Structural Engineer, Buildings and Harbor, Grade 3 and Assistant Structural Engineer, Buildings and Harbor, Grade 4, the former paying \$170 to \$230 and the latter \$235 to \$280 a month.

Junior Construction Engineer, Bridges, Grade 3 and Assistant Construction Engineer, Bridges, Grade 4, paying from \$170 to \$230 and \$235 to \$280 a month, respectively.

Applications for the above positions must be filed with the commission before March 3. Additional information together with application blanks are obtainable from the commission offices at Room 116, State Building, San Francisco; Room 331, Forum Building, Sacramento and Room 1015 Sun Finance Bldg., Los Angeles.

MUNY ELECTRIC PLANTS QUIT

One hundred and eighty-one municipality owner electric light and power generating plants or distributing systems were sold during 1927 to privately operated companies to be absorbed in more economically operated interconnected systems, Electrical World reports. Twenty two plans were sold in Nebraska, 18 in North Carolina, 15 in Oklahoma, 12 in Georgia and 10 in Kansas.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-144-X-3873-CS GENERAL MANAGER, with broad commercial experience who can put the customers view point into his company's product, i. e. heavy machinery. Plant is large, modern, well manned, equipped and financed. Company's product leads competition in quality; well recognized in certain fields but possesses equally greater advantages in others not yet developed. Requires a well known engineer with executive and administrative experience who can co-ordinate and direct sales, engineering, and production, opportunity for leader probably now employed. Salary \$10,000-\$20,000 a year. Permanent. Location, East. Confidential.

K-10-X-4007-CS SALES ENGINEER, young, to sell recording instruments and automatic temperature control equipment to dairy and ice cream industry for long established manufacturer. Must have highest character references and be free for unlimited travel in U. S. Single man pref. with operating or engineering experience in dairy industry. Apply by letter, stating age, education, experience, and salary desired. Headquarters New York City.

R-1431-S SALES MEN, to sell electrical appliances for public utility company. Some positions for gas appliances and heating men. Technical graduates preferred for advancement based upon sales record. Northern California territory involves traveling and men with cars preferred. Small salary and commission. Headquarters San Francisco.

R-1421-S SHOP SUPERINTENDENT, for small shop producing metal air planes. Requires a man with considerable practical experience both as sheet metal mechanic and foreman or superintendent. Salary open. Opportunity to connect with new and growing business. Local.

MUNY WATER PLANT PAYS

Turlock's municipally-owned and operated city water plant is an economical success according to the report of H. W. Rickenbacher, city treasurer. The report shows a balance of \$21,504.80 on hand January 1 in the water fund, a net increase of \$7000 over 1926, after making payments totaling \$5000 from the fund for fire fighting equipment. According to the report, cash on hand January 1st amounted to \$94,631.66, an increase of \$8000 over 1926. Of this amount, \$21,-877.98 represented the general fund and \$21,504.80 the water fund. The balance, \$51,248.88, is in bond funds, including street and electrical assessment funds, which are collected and paid out on January 2nd and July 2nd of each year. The street and electroler assessment funds total \$22,553.11.

PAINTER BANKRUPT

William Blauert, San Francisco painter, has filed a petition in the federal court to be declared a voluntary bankrupt. He lists liabilities at \$7102.08 and assets as \$1831.44.

SEEKS POWER PERMIT

L. B. Rouse of Pine Grove, Amador County, seeks authority of the Federal Power Commission at Washington, D. C., to build a dam, power house and transmission line on the middle fork of the Mokelumne river in Calaveras county. The applicant contemplates development of 240-horse-power to be used for mining and milling purposes.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Thomas M. Holland, of Bakersfield PROCESS FOR PRESERVING POLES. An object of this invention is to so construct this jacket that it may include an inner section constituting a preservative for the wood from which the pole is formed and an outer section constituting a reinforcing section.

Joseph C. Straub, of Berkeley. PACKING JOINT. It is a further object of this invention to provide an improved housing box for use with internal combustion engines or the like, which box has improved packing joint incorporated in its. Mr. Straub assigns his patent to Hall-Scott Motor Car Co.

John C. Schelling, of East Orange. ELECTRIC WAVE SIGNALING SYSTEM. The invention relates to electric wave signaling and more particularly to transmission and reception of signals by means of waves modulated in frequency. Mr. Schelling assigns his patent to Western Electric Company.

Harold S. Black, of East Orange. MODULATED CARRIER WAVE SIGNALING SYSTEM. This is related to modulated carrier wave signaling systems, and to spare discharge modulators, oscillators and combination oscillator modulators adapted to be used therein. Mr. Black assigns his patent to Western Electric Company, Incorporated.

Alfred E. Hague, of East Orange. AUTOMATIC ELECTRIC CUT OUT. The object of this present invention is the automatic removal of an apparatus unit from service in response to standard conditions. Mr. Hague assigns his patent to Western Electric Company, Inc.

David E. Branson, of Bloomfield. APPARATUS AND METHOD FOR MEASURING TRANSMITTED LIGHT. The principal object of this invention is to provide a new and improved method and appropriate apparatus for measuring the intensity of a beam of light. Mr. Branson assigns his patent to American Telephone and Telegraph Company.

L. A. CONTRACTORS TO PARTICIPATE IN SAFETY SCHOOL

Southern California Chapter, Associated General Contractors, will co-operate with the Los Angeles Chamber of Commerce in its annual safety school which will comprise six sessions, starting March 7, and continuing six weeks, with a session every Wednesday. The first and last sessions will be general meetings, but at other sessions the representatives of the different industries will meet in sections. At the regular meeting of the Chapter, Jan. 20, the president was authorized to appoint a committee to arrange programs for the construction section of the safety school and to co-operate with the Chamber of Commerce Committee.

RATES FOR IRRIGATION WATER

The following table from the recently issued report of the Water Department of Pasadena, shows the rates charged by the department for water furnished for irrigation purposes:

5/8 in. meters	\$.45
3/4 in. meters .....	.50
1 in. meters .....	.60
1 1/2 in. meters .....	.85
2 in. meters	1.10
3 in. meters	1.85
1 in. meters	2.35

Rate for irrigation service is \$0.06 per 100 cu. ft. plus the above monthly service charge.

LONG BELL LUMBER COMPANY TO OPERATE ON "CROP BASIS"

Definite plans have been put into effect by the Long Bell Lumber Co. to place its 150,000 acres of timber land in Siskiyou county, California, on a permanent "crop basis." The company needs logs in quantity to produce 500,000 feet of lumber every day at its mill at Weed, Cal. To attain this end many changes have been made in forestry and logging practices, the underlying principle being that lumber is a crop.

Hereafter no trees will be cut that are less than 18 inches in diameter, breast high. No trees will be cut unless marked for felling by a forester who has been engaged since last June in this "selective logging" practice.

Logs will be brought in by a caterpillar-tractor operation instead of by steam skidder, thus saving many young trees from being destroyed or broken down.

A nursery for growing the valuable pines of the Sierras will be established at once at Tennant, Cal. No one has yet succeeded commercially in growing the vast number of pine seedlings that would be needed in California were the pine operators of the Sierra Nevada to embark in a general re-forestation policy like that now successfully carried forward by the redwood operators of the Coast Range.

Every precaution will be taken to prevent forest fires from starting in the cut-over land and to extinguish those that get under way.

Thorough tests are to be given to what is called "direct seeding"—that is to sow tree seed in places now bare of trees, or where trees have been cut. The United States Forestry Service tried this method in California some years ago, but without marked success because the seeds were picked up by squirrels, chipmunks and other wild things, before the seeds could germinate. In its experiments the government did not try rodent control before seeding.

The Long Bell Company already has a big nursery for Douglas fir and other trees of the Pacific Northwest, located at Rydewood, a few miles distant from Longview, Wash., where its largest mills are located.

Re-forestation practices in the way of proper care of slash, left after logging, and in keeping fire out of the cut-over land so as to give the second growth a chance to live and grow, are now followed by practically all of the large pine producers of California. The redwood forest owner depend for second crop on the growth of young trees from the roots of the trees that are felled, and also on seedlings that are raised by the millions every year in nurseries, and are set out among the stumps in the cut-over land.

PERMITS FOR SNOW MOUNTAIN POWER PROJECT GRANTED

California State Department of Public Works, Division of Water Rights, has granted permit to Snow Mountain Water & Power Company for the partial development of a hydraulic mining power project on the South Fork of Eel River and other improvements, involving an expenditure of \$3,754,910. This will be one of the largest power and irrigation projects yet conceived for the Redwood belt. New work will entail an expenditure of approximately \$2,300,000 in the vicinities of Potter Valley, Mendocino County, and Hullyville, Lake County. Two permits, one for 400 cubic feet per second of flow from the South Fork of the Eel and another of 4500-acre feet of water for extension of irrigation projects now being carried out in the Potter valley district, were granted. The latter grant will provide water for nearly 5000 acres at a cost of about \$100,000.

Building News Section

APARTMENTS

Plumbing Contract Awarded
APARTMENTS Cost \$200,000
SAN FRANCISCO, SW Leavenworth and O'Farrell sts.

Eight-story class A apartment building (75 2-room apts.)
Owner and Builder—Marian Realty Co., 110 Sutter st., S. F.
Architect—H. C. Baumann, 251 Kearny st., S. F.

Plumbing—Frank J. Klimm Co., 456 Ellis. As previously reported, grading awarded to Sibley Grading & Teaming Co., 65 Sanders st., S. F.; structural steel to Central Iron Works, 2050 Bryant st., S. F.

Electrical Contract Awarded.
APARTMENTS Cost, \$30,000
SAN FRANCISCO. SW Beach and Pierce Streets.

Three-story and basement frame and stucco apartment building (6 3-room and 3 2-room apts.)

Owner and Builder—Thos. L. Scoble, 336 Kearny St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.

Electrical Work—Aetna Electric Co., 1337 Webster St., San Francisco.

Completing Plans.
APARTMENTS Cost, \$—
SURLINGAME, San Mateo Co., Cal., Burlingame Ave. near Lorton St.

Three-story steel frame and concrete apartment and store building (five 3, 4 and 5-room apts; number of stores not decided).

Owner—Mr. Moyer.
Architect—E. L. & J. E. Norberg, 580 Market St., San Francisco.

Segregated bids will be taken in one week.

UKIAH, Mendocino Co., Cal.—Chas. Alley has contract to erect two-story frame 8-apartments in North State St. or Mrs. Lottie Collins.

Working Drawings Being Prepared.
APARTMENTS Cost, \$55,000
OAKLAND, Alameda Co., Cal. Ivy St.

Three-story Class B apartment building (50 rooms, all modern conveniences).

Owner—Ray Johnson.
Architect—Douglas Stone, 354 Hobart St., Oakland.

Plans will be ready for bids in three weeks.

Preparing Working Drawings.
APARTMENTS Cost, \$600,000
SAN FRANCISCO. Pacific Avenue near Laguna Street.

Nine-story steel frame and concrete apartment building.

Owner and Builder—Marian Realty Co., 110 Sutter St., San Francisco.

Architect—Douglas Stone, 354 Hobart St., Oakland.

Sub-bids will be taken in two weeks.

Sub-bids Being Taken
APARTMENTS Cost \$—
SAN FRANCISCO, SW Fell and Buchanan sts.

Nine-story class C concrete apt. bldg., 56 3 and 4-room apts., all modern conveniences.

Owner and Builder—Fred Hechter, 1424 Balboa st.

Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Plans Being Completed.
APARTMENTS Cost, \$—
SAN FRANCISCO, Jackson st., near Buchanan.

Thirteen-story Class A steel frame and concrete apartment building (28 6-room apts.)

Owner—A. Penziner, 750 Taylor St., San Francisco.

Plans by Owner.
Sub-bids will be taken in one week.

Preparing Working Drawings.

APARTMENTS Cost \$—
SAN FRANCISCO, Mission District.

Ten-story class C steel frame and concrete bldg., 50 apts, stores, offices and garage.

Owner—Withheld.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Two stories of the structure will be devoted to garage. One story for stores and one floor for doctors' offices. Construction will be started as soon as bank loan is obtained.

Preparing Working Drawings.

APARTMENTS Cost, \$163,000
SAN FRANCISCO. NE Bay and Polk Streets.

Six-story, basement and sub-basement steel frame and concrete apartment building (102 rooms; elevators, refrigeration, etc.)

Owner—Ragner Munson, 1473 7th Ave., San Francisco.

Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Plans will be ready for bids in ten days.

Sub-bids Being Taken

APARTMENTS Cost \$80,000
OAKLAND, Alameda Co., Cal., Cleveland ave. near Park Blvd.

Three-story frame and stucco apartment building (24 2-room apts.)

Owner—Haustader & Barr, Oakland.

Architect—C. C. Dakin, 2033 Harrison Blvd., Oakland.

Contractor—Barr & Sons, 900 Everett st., Oakland.

LOS ANGELES, Cal.—Architects Henry Carleton Newton and Robert Dennis Murray, 502 Architects Bldg., preparing plans for a 12-story and basement Class A apartment building to be erected at Glendale Blvd. & Montrose Ave.; owner's name withheld; four apartments to each floor, each apartment to have from two to four rooms each, lobby, etc.; reinforced concrete construction. Cost, \$300,000.

Construction to Start January 31st.

APARTMENTS Cost, \$75,000
SAN FRANCISCO. NE Gough St. and Fern Avenue.

Six-story and basement reinforced concrete building.

Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.

Plans by Owner.

As previously reported reinforcing steel awarded to Soule Steel Co., Rialto Bldg., S. F.; structural steel to Golden Gate Iron Works, 1541 Howard St., S. F.

DINUBA, Tulare Co., Cal.—Stansfield & McKnight of Lindsay have purchased the Dinuba Hotel in South L st. and will remodel the upper floors for apartments in addition to erecting a bungalow court in the rear of the structure. Early construction is contemplated.

Sub-bids Being Taken

APARTMENTS Cost \$45,000
OAKLAND, Alameda Co., Cal. East 14th st.

Three-story addition to present 1-story frame and plaster apartment building, 24 2 and 3-room apts; all modern conveniences.

Owner—E. M. Balfour.

Architect and Manager of Constr.—McWethy & Greenleaf, 2910 Telegraph ave., Oakland.

Plans Completed

APARTMENTS Cost \$70,000
ALAMEDA, Alameda Co., Cal. Location withheld.

Three-story frame and plaster apartment building (3 2-room and 1 6-room and 13 3-room apts.)

Owner—Walshall & Darnell, 1423 Park st., Alameda.

Architect and Manager of Constr.—McWethy & Greenleaf, 2910 Telegraph ave., Oakland.

Sub-bids will be taken in two weeks. (1801) 1st report Jan. 19, 1928.

January 30, 1928

Owner Taking Figures

APARTMENTS Cost \$65,000
SAN FRANCISCO, Turk st. and St. Joseph's ave.

Three-story and basement frame and stucco apartment bldg., 24 2 and 3-room apts.

Owner—Dr. J. J. Kingwell, Butler Bldg.

Architect—H. C. Bauman, 251 Kearny st.

Structural Steel Contract Awarded.

APARTMENTS Cost, \$75,000
OAKLAND, Alameda Co., Cal., Ivy Dr. and Seventh Ave.

Four-story and basement Class C apartment building (21 2 and 3-room apts.)

Owner—Ray Blanco.

Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.

Structural Steel—Frederick Steel Co., 150 California St., San Francisco.

As previously reported, excavating awarded to J. Catucci, 1212 18th Ave., Oakland.

Sub-Contracts Awarded.

APARTMENTS Cost, \$50,000
OAKLAND, Alameda Co., Cal. E Fruitvale Ave. 124 N Pleasant St.

Three-story frame and stucco apartment building.

Owner—Elmer H. Forster, 1131 Fleet Rd., Oakland.

Architect—B. R. Hardman, 507 Berkeley Bank Bldg., Oakland.

Contractor—Jas. E. Forster, 1131 Fleet Road, Oakland.

Concrete and Cement—Rhodes-Jamieson Co., Broadway and Water Sts., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Electrical Wiring—Zarwell Electric Co., 2622 Central Ave., Oakland.

Lumber—Sunset Lumber Co., Foot of Oak St., Oakland.

Plumbing and Heating—L. W. Blake, 1002 Webster St., Oakland.

Refrigeration—Kelvinator Sales Co., 921 Harrison St., Oakland.

Cement Work—J. K. Nissey, 6636 Foot-hill Blvd., Oakland.

Steel Sash—F. Blakeley Mac Socker, 3932 Harrison St., Oakland.

To Be Done By Day's Work.

APARTMENTS Cost, \$40,000
SAN FRANCISCO. S Bay St. W Scott.


Three-story and basement frame and basement frame and stucco apartment building (12 apts.)

Owner and Builder—M. P. Storheim, 990 Fulton St., San Francisco.

Architect—None.

Orders-Inquiries

60
pages
Send
for
FREE



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Stationers
 Producers of Direct Mail Advertising

Additional Contracts Awarded.
APARTMENTS Cost, \$—
SAN FRANCISCO. SE Pacific Ave. and Webster St.
 Nine-story Class A apartment building (18 4-room apts.)
 Owner—C. W. Wilson and C. A. Meusdorffer, Humboldt Bank Bldg., S. F.
 Architect—C. A. Meusdorffer, Humboldt Bank Bldg., San Francisco.
 General Work—J. Martinelli, 1355 Francisco St., San Francisco, at \$43,975.
Plumbing—Wm. J. Forster Co., 355 4th St., San Francisco.
Heating—Knittle Bros., 274 5th St., San Francisco.
Electrical Work—Atlas Electric Co., 343 Fourth St., San Francisco.
Elevators—Spencer Elevator Co., 166 7th St., San Francisco.
Mill Work—National Mill & Lumber Co., 320 Market St., San Francisco.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Ornamental Iron and Steel Sash—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Sheet Metal—Morrison Co., 74 Duboce Ave., San Francisco.

As previously reported, structural steel awarded to Central Iron Works, 2050 Bryant St., San Francisco, at \$13,700; lathing and plastering to A. & W. Gilmore, 666 Mission St., S. F., at \$15,630.

Sub-Bids Being Taken.
APARTMENTS Cost, \$35,000
SAN FRANCISCO. N Sutter St. 100 E Presidio Ave.
 Three-story and basement frame and stucco apartment building (12 apts.)
 Owner and Builder—Stempel & Cooley, Hearst Bldg., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Sub-Bids Being Taken.
APARTMENTS Cost, \$45,000
SAN FRANCISCO. N Sutter St. 50 E Presidio Ave.
 Three-story and basement frame and stucco apartment building (15 apts.)
 Owner—Stempel & Cooley, Hearst Bldg., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Sub-bids Wanted
APARTMENTS Cost \$600,000
SAN FRANCISCO. NE Pacific ave. and Laguna St.
 Six-story steel frame and concrete apartment building, 50 4 and 5-room apts.
 Owner and Builder—Marian Realty Co., 116 Sutter st., S. F.
 Architect—Douglas Stone, 351 Hobart st., Oakland.
 Sub-bids are wanted on reinforcing steel, structural steel, concrete and plumbing.

Structural Steel Contract Awarded.
APARTMENTS Cost, \$—
SAN FRANCISCO. Jackson Street near Buchanan Street.
 Fourteen-story Class A steel frame and concrete apartment building (28 6-room apts.)
 Owner—A. Penziner, 750 Taylor St., San Francisco.
 Plans by Owner.
Structural Steel—Golden Gate Iron Wks., 1541 Howard St., San Francisco.

To Be Done by Day's Work and Sub-contracts.
APARTMENTS Cost \$35,000
SAN FRANCISCO. NE California and Walnut sts.
 Three-story and basement frame and stucco apartment bldg., 12 apts.
 Owner and Builder—Stempel & Cooley, Hearst Bldg.
 Architect—J. C. Hladik, Monadnock Bldg.

Sub-Bids Being Taken.
APARTMENTS Cost, \$45,000 each
SAN FRANCISCO. Hayes St., bet. Divisadero and Scott Sts.
 Two three-story and basement frame and stucco apartment buildings (12 2 and 4-room apts. each).
 Owner and Builder—Cox Bros., 1950 Irving St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.

BONDS

SAN ANSELMO. Marin Co., Cal.—Until March 6, bids will be received by county supervisors for purchase of \$53,000 bond issue of San Anselmo District; proceeds of sale to finance school improvements.

WATSONVILLE. Santa Cruz Co., Cal.—Feb. 21 is date set by Watsonville School District to vote bonds of \$125,000 to finance school improvements, involving:
 Palm Avenue School, 13 classrooms, 12 rooms for primary grades and one for kindergarten purposes.
 Elm Avenue School, 5 classrooms and kindergarten purposes.
 Addition to Rodrigues School to contain 4 primary classrooms and kindergarten room.
 Construction will be of brick or reinforced concrete. W. H. Weeks, architect, Hunter Dulin Bldg., San Francisco. Trustees of the district are: H. A. Hyde, Eva E. Luther and Frank Rodgers.

FULLERTON. Orange Co., Cal.—An election has been called for March 16 in Fullerton union high school district to vote bonds in the sum of \$600,000 for the erection of junior high schools in various sections of the district.

CHURCHES

Plans Being Prepared.
CHURCH Cost, \$50,000
RENO. Nevada.
 One-story reinforced concrete church building with tile roof.
 Owner—Trinity Episcopal Church.
 Architect—F. J. De Longchamps, Gazette Bldg., Reno.

Contract to Be Awarded
PARISH HOUSE Cost \$7000
RICHMOND. Contra Costa Co., Cal., Sixth and Bissell sts.
 Two-story and basement frame and stucco parish house and Sunday school.
 Owner—Christian Church.
 Architect—Raymond De Sanno and Lynn Bedwell, 271 10th st., Richmond.

Contractor—C. W. Washbaugh, 1913 Chanslor St., Richmond, \$6518.
 Other bidders were: F. Hosking, Richmond, \$7050; Carl Overaa, Richmond, \$7283; Johnson & Johnson, Richmond, \$7297; H. K. Hennessey, Richmond, \$7309; Wallace Snellgrove, Richmond, \$7343; John Odling, Richmond, \$7787; H. F. Murphy, \$7942; Carl Koller, \$8685; D. Martz, Richmond, \$11,687.

EUREKA. Humboldt Co., Cal.—Steps are being taken to erect a community church in the Burlington District on the Redwood Highway to serve towns and auto camps in the vicinity and along the main Eel river and Bull Creek. The site is situated about 50 miles south of Eureka. The sum of \$2000 is already available for construction.

Working Drawings Being Prepared.
ALTERATIONS Cost, \$50,000
SACRAMENTO. Sacramento Co., Cal. Twenty-seventh and N Sts.
 Alterations and additions to present church building (Bible school addition; auditorium, etc.)
 Owner—First Christian Church.
 Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
 Bids will be taken for a general contract in 30 days.

LOS ANGELES. Cal.—H. M. Baruch Corp., 1015 Lincoln Bldg., has been awarded general contract at \$633,860 for the construction of a Class A synagogue and a four-story Class A Sunday school building at the northwest corner of Wilshire and Hobart Bldgs. for the B'nai B'rith Congregation. Other contracts will be awarded to low bidders within a few days. A. M. Edelman, 824 H. W. Hellman Bldg., architect; Allison & Allison, Hibernal Bldg., associate architects; S. Tilden Norton, Financial Center Bldg., honorary consulting architect. The synagogue will have an auditorium and balcony to seat about 2000 people, offices, reading rooms, restrooms and foyer, and Sunday school building will contain complete gymnasium facilities, 25 classrooms, library, clubrooms, kitchen facilities, banquet hall and assembly hall to seat 600. The building will be 120x260 feet, reinforced concrete and steel construction.

FACTORIES & WAREHOUSES

Bids Opened—Under Advisement
WAREHOUSE Cost \$10,000
SAN FRANCISCO. Third st. near Townsend.
 One-story frame warehouse.
 Owner—Southern Pacific Co., 65 Market St.
 Plans by Engineering Dept. of owner, J. H. Christie, chief draftsman.
 Announcement will be made within a few days.

Sub-Bids Being Taken.
AUTO LAUNDRY Cost, \$50,000
SAN FRANCISCO. NE Van Ness Ave. and Pine Street.
 One-story reinforced concrete auto laundry, 100x150 feet.
 Owner—Pacific Gillespie System, Inc.
 Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
 Contractor—Villadsen Bros., 417 Market St., San Francisco.
 Building permit applied for.

Plans Being Prepared.
FACTORIES Approx. \$50,000
SAN FRANCISCO. Hooper, Seventh, Channel and Eighth Sts.
 Group of one and two-story buildings (warehouses, factories, offices, etc.; type of construction not decided).
 Owner—Moody Estate Co., Kohl Bldg., San Francisco.
 Architect—Eng. Dept. of Lessee (Mr. Polson, Manager).
 Lessee—W. R. Ames Co., 450 Irwin St., San Francisco.

Plans Being Completed.
FACTORY Cost, \$40,000
SAN FRANCISCO. SW Fifteenth St. and Potrero Ave. (140x100 feet).
 Two-story reinforced concrete factory and warehouse building.
 Owner and Builder—James H. Hjul, 128 Russ Bldg., San Francisco.
 Plans prepared by Owner.
 Lessee—International Harvester Co.
 Sub-bids will be taken in two weeks.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Glass Contract Awarded
WAREHOUSE Cost \$15,999
SAN FRANCISCO, NE 17th and Missouri sts.
 One-story reinforced concrete warehouse and office building.
 Owner—Real Estate & Development Co., Hearst Bldg., S. F.
 Architect—None.
 Contractor—George Wagner, 181 S Park, San Francisco.
Glass—W. P. Fuller & Co., 301 Mission st.

Sub-Bids Being Taken
FACTORY Cost \$—
OAKLAND, Alameda Co., Cal., 46th and Shattuck ave.
 Five-story reinforced concrete factory building.
 Owner and Builder—John Diestel, 333 Kearny St.
 Architect—H. C. Baumann, 251 Kearny st., S. F.
 Sub-bids are wanted on the following: concrete, glass, plastering, painting, iron, roofing and plumbing.

LINDSAY, Tulare Co., Cal.—Hillside Packing Assn. has been organized to rebuild Hillside citrus packing plant, recently destroyed by fire. Those who will finance the project are: J. J. Richardson, L. C. Keeley, R. S. McNeill, A. H. Kausen and D. H. Orr.

WATSONVILLE, Santa Cruz Co., Cal.—Architect A. W. Storey, Pajaro Bank Bldg., Watsonville, is taking bids to erect two-story concrete packing plant in Walker st. bet. Second and Werner sts., for J. N. Moncovich, local grower and packer; estimated cost \$15,000.

Plans Being Completed
MFG. PLANT Cost \$—
BERKELEY, Alameda Co., Cal., Parker st. bet. 5th and 6th sts.
 One and part two-story manufacturing plant (12,000 sq. ft.)
 Owner—Bunting Iron Works, 820 Parker st., Berkeley.
 Architect—Benjamin McDougall, 353 Sacramento st., S. F.
 Bids will be taken Feb. 3.

Contractor Taking Sub-figures.
SHOP Cost \$10,000
SAN FRANCISCO, E Van Ness ave. 150 S Market st.
 One-story reinforced concrete tire shop.
 Owner—Hale Bros., Inc., 5th and Mission sts.
 Architect—George De Colmesnil, DeYoung Bldg.
 Contractor—McDonald & Kahn, Financial Center Bldg.
 Lessee—Kelly-Springfield Tire Co.
Steel rolling door—J. G. Wilson Co., Call Bldg.

NEWPORT BEACH, Cal.—Oil refinery of Orange County Refinery Co. destroyed by fire Jan. 29. In addition to plant 70,000 bbls of oil were destroyed. Loss estimated at \$150,000.

SUISUN, Solano Co., Cal.—Southern Pacific R. R., 65 Market St., San Francisco, will erect two fruit sheds, two cottages and construct two sidings. A shed erected last year will be doubled in size with a community storage room, 50 by 70 ft. Another shed will be 80 by 100 ft. Est. cost, \$20,000.

FAIRFIELD, Solano Co., Cal.—Sacramento Northern Railway Co., 11th and I Sts., Sacramento, is taking bids to be opened Jan. 28 to erect fruit packing shed, 100 by 105 ft., to be leased to the Pacific Fruit Exchange; estimated cost, \$10,000.

MONTEREY, Monterey Co., Cal.—Del Mar Canning Corp., has been organized to take over the Cypress canning plant, refit and re-equip the buildings for operations in July. Some new machinery has been purchased. Edward David, Monterey, heads the new company which is capitalized for \$200,000. John W. Klohe, connected with the K. Hovden Co., canners of Monterey, is vice-president.

LOS ANGELES, Cal.—Austin Co. of California, 777 E. Washington St., is preparing working plans and has the contract for the erection of a one-story steel frame factory building on Merrill Ave. in the Goodyear Park Tract, for the Austin Securities Co. The building will be occupied by the Coast Machinery Co. One-story and mezzanine floor, brick walls, steel frame. Cost, \$100,000.

FAIRFIELD, Solano Co., Cal.—Armijo High School District having plans prepared for a one-story machine shop and manual training building to be erected on school grounds. Estimated cost, \$15,000.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Directors of Pacific Coast Steel Co., Rialto Bldg., San Francisco, have appropriated \$500,000 to finance erection of additional unit to present plant for the manufacture of nuts, bolts, rivets and various types of hardware. Will have capacity of approx. 3000 tons a month.

WOODLAND, Yolo Co., Cal.—George Z. Wait Co., manufacturing pharmacists, 525 J St., Sacramento, has taken over large store building opposite the West Sacramento Company's headquarters in Eastern Yolo County and in addition to remodeling the structure will erect a warehouse and factory building.

SALINAS, Monterey Co., Cal.—W. H. Hutton, former manager of the Ward Fruit interests at Salinas, is having plans prepared for a lettuce packing shed to be erected in the Southern Pacific Yards; will be 40 x 160 ft., equipped with modern machinery for lettuce packing.

TORRANCE, Los Angeles Co., Cal.—Columbia Steel Corporation has started work on additions to its plant at Torrance which will cost approximately \$500,000. The additions will include new open-hearth furnaces which will double the output of the plant.

MARYSVILLE, Yuba Co., Cal.—Directors of Yuba County Chamber of Commerce voted approval of proposal of Cutler-Lobinger Packing Co. of Ontario to construct a packing plant and cannery in the Yuba-Sutter peach belt.

GARAGES

Plans Complete
GARAGE Cost \$13,000
DALY CITY, San Mateo Co., Cal. Mission st. bet. Acton and Templeton.
 One-story brick garage bldg.
 Owner and Builder—George Archer.
 Architect—H. C. Baumann, 251 Kearny st.

Structural Steel Contract Awarded.
GARAGE Cost, \$13,000
DALY CITY, San Mateo Co., Cal. Mission St., bet. Acton and Templeton.
 One-story brick garage building.
 Owner and Builder—George Archer.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Steel—Golden Gate Iron Wks., 1541 Howard St., San Francisco.

Piling and Excavating Permit Applied For.
GARAGE Cost, \$60,000
SAN FRANCISCO, Sacramento St. W Davis Street.
 Two-story reinforced concrete garage building.
 Owner—J. Pasqualetti, 785 Market St., San Francisco.
 Engineer—C. W. Zollner, 785 Market St., San Francisco.

Plans to be Prepared
AUTO BLDG. Cost \$35,000
SACRAMENTO, Sacramento Co., Cal., Seventeenth and K sts.
 One-story brick and concrete automobile bldg.
 Owner—A. George, 3609 Stockton blvd., Sacramento.
 Architect—Not selected.
 Lessee—Marsden Automobile Co. (Star and Durant agents), Sacramento.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded
POST OFFICE Cost \$7500
SAN FRANCISCO, W 30th ave N Geary street.
 One-story frame and stucco post office building.
 Owner—Gus Moeller & Sons, 6260 Geary street.
 Lessee—U. S. Government.
 Architect—None.
 Contractor—Thomas Hamill Bldg. Co., 6242 Geary st.

Bids Opened—Under Advisement
ADDITION
PALO ALTO, Santa Clara Co., Cal., Base Hospital bldg., No. 206.
 Screened-porch addition to present two-story concrete bldg.
 Owner—U. S. Government.
 Supt. Architect—Major W. H. Rateliff, Palo Alto.
 Stephenson Const. Co., Hearst Bldg., San Francisco \$2781
 H. B. Post, Palo Alto 2999
 N. Dutcher 3390
 Alinton Co., Palo Alto 3550

SAN DIEGO, Cal.—Until 11 A. M., Feb. 23, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., for barricade for warhead storage building, extensions to concrete road and pavement, and additional road drainage at Naval Operating Base (Fuel Depot), San Diego. Specification No. 5304 obtainable from Bureau or Public Works Officer, Headquarters, Eleventh Naval District, Foot of Broadway, San Diego. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. Gregory, Chief of Bureau.

LOS ANGELES, Cal.—According to word from Washington, the House has passed a bill authorizing a \$2,100,000 appropriation to erect twelve buildings at the Pacific Branch of the Soldiers' Home in Los Angeles county.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 210 California st., San Francisco):

Sch. 3352, Mare Island, 4000 ft. b. m. spar timber, 77,000 ft. b. m. lumber stage planking, 79,000 ft. b. m. rough lumber, 161,000 ft. b. m. rough decking; Puget Sound, 4000 ft. b. m. lumber, 12,000 ft. b. m. ceiling lumber, 90,000 ft. b. m. ship-lap, 83,000 ft. b. m. Douglas fir, 67,000 ft. b. m. do, 13,000 ft. b. m. do, 50,000 ft. b. m. shipping or air dry rough lumber, 26,000 ft. b. m. common boards, 42,000 ft. b. m. lumber and 39,000 ft. b. m. timbers, Feb. 7.

Sch. 3372, Puget Sound, 1 oil engine 15 h. p., Feb. 7.

Sch. 3374, Mare Island, 15,600 steel boiler tubes, Feb. 7.

Sch. 3375, Puget Sound, 525 lbs. dry red lead; Mare Island, 400,000 lbs dry white lead, Feb. 7.

Sch. 3377, Mare Island, 8400 sq. ft. upholstery leather, Feb. 7.

Sch. 3378, Mare Island 5800 ft. rubber air hose; Puget Sound, 5000 ft. linen fire hose; Puget Sound, 234 ft. rubber suction hose, Feb. 7.

Sch. 3382, Mare Island, 1400 boiler tube cleaning outfits and spares and 1400 boiler tube cleaning outfit brushes; San Diego, 60 brush sections, Feb. 7.

Sch. 3387, western yards, water gauge glasses, Feb. 7.

Sch. 3388, Puget Sound, 1 bolt heading machine, Feb. 7.

Sch. 3391, Puget Sound, 775 lbs. copper-nickel alloy; Mare Island 8700 lbs. manganese nickel; Puget Sound, 4000 lbs. do, Feb. 7.

Sch. 3398, Mare Island, 6850 portable guards; Puget Sound, 1500 do, Feb. 7.

Sch. 3412, Puget Sound, 200 rolls template paper, Feb. 7.

SAN DIEGO, Cal.—Until Feb. 29, under Specification 5472, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to fur. and install passenger elevator at Naval Operating Base, San Diego. Plans obtainable from above office or from Public Works Department at San Diego.

PALO ALTO, Santa Clara Co., Cal.—Major W. H. Radcliff located at the U. S. Veterans' Bureau, Palo Alto, represents the Construction Division of the Veterans' Bureau in this section as regards the construction and improvements undertaken at Veterans' Hospitals.

SAN DIEGO, Cal.—Until Feb. 20 bids will be received by Supervising Architect, Treasury Department, Washington, D. C., for repairs at San Diego Post-office. Further information obtainable from above office.

SAWTELLE, Los Angeles Co., Cal.—The bill appropriating \$2,100,000 for erecting twelve Class A barracks buildings at the Soldiers' Home at Sawtelle, has been passed by the house of representatives. It is stated that there is no doubt the bill will also be passed by the senate and approved by the President.

PUGET SOUND, Wash.—Bids are being received by Bureau of Yards and Docks (date of opening not set) to erect concrete chimney at Navy Yard, under Specification No. 5474. Plans obtainable from Bureau of Yards and Docks, Navy Dept., Washington, D. C., on deposit of \$10, returnable.

SAN FRANCISCO—According to Major Deagan, constructing quartermaster, Fort Mason, the House has passed at \$26,000 appropriation for the construction of roads at Fort Baker and Fort Barry in addition to \$54,000 for roads at Baker's Beach.

Congress has approved of the expenditure of \$10,000 in surplus funds from other sources for the improvement of roads in the Presidio and Fort Mason.

A \$26,000 appropriation is available for the construction of a bulkhead at Crissy Field and efforts are being made to secure a \$600,000 fund to finance the reclaiming of a large area of waterfront lands at Crissy Field including a bulkhead.

Bids for these improvements will be taken by the Constructing Quartermaster's Office, Fort Mason, when the money is available.

PEARL HARBOR, T. H.—Austin Engineering Co., 566 Southern blvd., New York, N. Y., at \$174,775 awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. No. 5338, to erect quarters, laboratory and animal house at naval operating base (hospital), Pearl Harbor. The work consists of four frame quarters on concrete foundation; frame garage and store house; quarters for nurses, with concrete frame and tile walls; laboratory and animal house, each of concrete and tile construction. This work includes plain and reinf. concrete, asbestos shingle roofing, stucco, marble and tile work, wood framing and trim, and plumbing and electrical systems.

SAN DIEGO, Cal.—Until March 3, under Specification No. 5528, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct pier at foot of E st., San Diego; will be 65x430 ft., in addition to constructing bulkhead 185 ft. long; also 8000 cu. yds. dredging and filling. Pier construction will involve 350 reinf. conc. pipes, 20x20 in., 46 to 62 ft. long; 1500 cu. yds. reinf. conc; 100 tons reinf. steel; 2600 ft. 8x24-in. reinf. conc. sheet piling; 3600 sq. ft. timber (relieving platform); 100 crosstied fender piles; 140 untreated piles. Tracks, water and electrical supply system, bitts, timber work, etc., also included in project. Est. cost \$250,000.

SAN FRANCISCO—The following bids following bid 4 were received by the Constructing Quartermaster, Fort Mason, to erect gasoline storage plant at Crissy Field:

Roth Constr. Co., 447 Broderick St., San Francisco, \$4090; Adam Ariss Co., Oakland, \$4175; L. D. Armstrong, \$4274; Acme Constr. Co., S. F., \$4437; E. G. Hart S. F., \$4898; Eastman & Edeling, \$5270.

MARE ISLAND, Cal.—Bids are being received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5525, for equipment for refrigerating plant at Mare Island Navy Yard (Marine Barracks). The work includes motor driven compressor, motor driven brine pump, motor for existing agitator, automatic thermostatic control equipment, switchboard, wiring and piping to complete refrigerating system. See notice under official proposal column in this issue.

Stockton, San Joaquin Co., Cal.—According to word from Washington, D. C., \$320,000 is provided for improvements and \$20,000 for maintenance in connection with Stockton deep water project for the fiscal year beginning July 1, 1928.

WASHINGTON, D. C.—Until Feb. 11, 10:30 A. M., under Circular No. 2154, bids will be received by Purchasing Officer, Panama Canal, to fur, and del. Balboa (Pacific Port). Tile, circular saws, elec-

tric brazer, jacks, pipe bends, valves, twist drills, boiler punches, bolts, rivets, washers, gauge glasses, iron or steel cement, liquid bronze, Bismarck brown, white lead, dry vermilion, varnish, pipe coveying, asbestos gaskets, packing, hair felt, lacing leather, friction-covered belting, electric lighting fixtures, and fusible plugs. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured by Selected List of Contractors.

CLUB BLDG. Cost \$125,000
SAN FRANCISCO, Broderick and Baker sts., 200x300 ft.
 Two-story frame and stucco yacht club building.
 Owner—St. Francis Yacht Club (Hiram W. Johnson).

Architect—Willis Polk Co., 277 Pine st., San Francisco.

Bids will be taken for a general contract.

As previously reported, pile driving awarded to Reimer Foundation Co., 623 Montgomery st., S. F.

Officials of the club include: Commodore, J. M. Punnett; vice-commodore and chairman of Board of Directors, Hiram W. Johnson Jr.; rear-commodore, Hart L. Weaver and H. W. A. Dinning, Leon de Francery, Jerome B. White, Leon B. Walker, Wilfred Page and Austin Moore as members of the directorate.

Plans Being Figured.

ALTERATIONS Cost, \$20,000
NAPA, Napa Co., Cal. No. 1033 Main Street.

Alterations and additions to present two-story brick lodge building (add two stories).

Owner—Odd Fellows Lodge, Napa.
 Architect—W. H. Corlett, 507 Jefferson St., Napa.



WHEN SANDY Pratt.

WAS A small country boy.

DOWN AT Tulare City.

FEW PEOPLE ate out.

AT HOTELS and restaurants.

AND IF a child.

EVER MADE the dining room.

OF ONE of these places.

IT WAS an event.

TALKED ABOUT by the child.

FOR DAYS and days.

SANDY, NOW producer of rock.

AND SAND and gravel.

OFTEN WENT to Visalia.

SOME TWELVE miles away.

WITH SANDY'S dad.

AND AT noon.

ATE A big 25¢ dinner.

(NOW WE say noonday lunch).

AT THE Chinese restaurant.

ON MAIN Street.

WHAT SANDY enjoyed most.

ABOUT THESE "outings."

WAS THE privilege.

OF A choice.

OF FOUR kinds of meat.

FOR THE waiter each time.

YEAR IN and year out.

SAID "ROAST Mutton.

ROAST BEEF, Roast Pork.

STEWED BEEF Spanish."

WHILE AT home.

ONE KIND of meat only.

WAS SERVED at each meal.

AND A poor kid.

HAD NO choice.

YOU COULD eat it.

OR LEAVE it.

BUT HERE.

IN THIS Chinese restaurant.

YOU HAD four choices.

THEN WHEN dessert time came.

SANDY HAD a choice.

OF APPLE or peach pie.

OR PLUM or custard pie.

BESIDES A pudding.

AND SANDY'S great problem.

WAS TO choose.

OF ALL these desserts.

FOR BOY-LIKE.

SANDY WANTED them all.

AND THE waiter stood around.

WHILE SANDY was wondering.

HOW HE could eat.

ALL FIVE kinds of desserts.

"I THANK you."



When Clarence (Sandy) Pratt, President of the Pratt Building Material Company, producer of clean sand, clean rock and clean gravel at Sacramento, Marysville, Prattrock (near Folsom), Prattco (Monterey County) and Mayhew (Sacramento County), (Central offices—San Francisco), was a small boy he would discard his horse, riding habit, etc., to go to a restaurant to eat because you had your choice of four kinds of meat, and five kinds of dessert.

CLUB BLDG. Cost, Approx. \$300,000
OAKLAND, Alameda Co., Cal. Bellview Ave., bet. Ellita and Staten Sts.
 Six-story reinforced concrete club bldg.
 Owner—Women's Athletic Club, Great Western Power Bldg., Oakland.
 Architect—Roeth & Bangs, 1404 Franklin St., Oakland.
 Contractor—William C. Keating, Central Bank Bldg., Oakland.
Terrazzo Work—Oakland Concrete & Terrazzo Co., 2227 Market St., Oakland.
Plumbing, Heating and Electrical Work—Latourrette-Fical Co., 699 4th St., Oakland.
Excavating—J. Catucci, 1212 18th Ave., Oakland.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Reinforcing steel—Soule Steel Co., Rialto Bldg., San Francisco.
Steel Pans and Form Column Clamps—Soule Steel Co., Rialto Bldg., S. F.
Ornamental Iron—C. Frauneder, 335 8th St., Oakland.
Sheet Metal Work—Edgar W. Anderson Co., 3103 San Pablo Ave., Oakland.
Roofing & Waterproofing—General Roofing Co., Beach and Halleck Sts., Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison Sts., Oakland.
 As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

SANTA MARIA, Santa Barbara Co., Cal.—Architect Louis N. Crawford, Jones Bldg., has prepared preliminary plans for a two-story store and lodge building to be erected at the corner of Lincoln and Church Sts. for the Knights of Pythias Lodge. Cost, \$50,000.

Contract Awarded
CLUB BLDG. Cost \$83,000
SAN FRANCISCO, Baker st.
 Four-story steel frame and concrete class C home and club building.
 Owner—Native Daughters of the Golden West.
 Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
 Contractor—Barrett & Hilt, 918 Harrison st.

Commissioned to Prepare Plans
TEMPLE BLDG. Cost \$—
OAKLAND, Alameda Co., Cal., Thirteenth and Harrison sts., 200x175 ft.
 Shrine temple building (height and type of construction not decided).
 Owner—Aahmes Temple Shrine Association.
 Architect—Edward T. Foulkes, 257 12th street.
 \$370,000 is already available for the building.

Sketches Being Prepared
TEMPLE Cost \$2,000,000
OAKLAND, Alameda Co., Cal., Thirteenth and Harrison sts., 200x75 ft.
 Steel frame and reinforced concrete Shrine temple (height not as yet determined).
 Owner—Masonic Temple Association of California.
 Architect—Edward T. Foulkes, 257 12th st., Oakland.

Three hundred and seventy thousand dollars are already available for the building. Under No. 78911, June 13, 1926, a job was reported to be erected on 13th and Harrison sts. for the United Masonic Building Assn., Inc. Above job is an entirely different project and has nothing to do with the building previously reported.

Plans Being Figured—Bids Close Feb. 6.
HOSPITAL Cost, \$100,000
MONTEREY, Monterey Co., Cal. Hart St. near Webster St.
 Two-story and basement frame and stucco hospital building.
 Owner—Drs. Hugh and Horace Dormody Ordway Bldg., Monterey, and Dr. J. P. Sandholt, Monterey.
 Architect—Clarence A. Tantau, 210 Post St., San Francisco.
 Plans are being figured by a selected list of contractors.

HOSPITALS

Sub-Contracts Awarded.
NURSES' HOME Cost, \$—
STOCKTON, San Joaquin Co., Cal.
 Two-story reinforced concrete nurses' home.
 Owner—St. Joseph's Nurses' Home.
 Architect—Albert Cauldwell, Mill Valley.
 Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.
Plumbing and Heating—E. Gnekow, 674 E-Main St., Stockton.
Sheet Metal Work and Roofing—R. E. Frazer, 445 S-San Joaquin St., Stockton.
Mill Work—Union Planing Mill, Taylor and Sutter Sts., Stockton.
Electrical Work—Hild Electric Mfg. Co., 125 W-Main St., Stockton.

Sub-contracts Awarded
HOSPITAL Cost \$50,000
PALO ALTO, Santa Clara Co.
 Two-story frame and stucco convalescent home, 20 rooms.
 Owner—Stanford Convalescent Home (Timothy Hopkins) McLaughlin Unit Campus, Palo Alto.
 Architect—Bakewell & Brown, 251 Kearny st., S. F.
 Contractor—George Wagner, 181 South Park, S. F.
Tile roofing—C. L. Frost, box 373, Monterey.
Glazing—Coast Glass Co., 632 Emerson st., Palo Alto.
 As previously reported, concrete awarded to Peninsula Bldg. Material Co., Menlo Park; plumbing and heating to J. H. Pinkerton, 927 Howard st., S. F.; electric work, H. S. Tittle, 85 Columbia Sq., S. F.

SAN DIEGO, Cal.—William Simpson Construction Co., Architects Bldg., Los Angeles, awarded general contract on cost plus fixed fee basis to erect Class A side addition to Mercy Hospital at Sixth St. and Hillcrest Dr., San Diego; I. E. Lovelless, Chester Williams Bldg., Los Angeles, architect. Reinforced concrete. Cost, \$300,000.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 20, 11 a. m., bids will be rec. by F. E. Smith, county clerk, to furnish finish hardware for addition to Kern General Hospital, Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10 per cent payable to clerk req. with bid. Specifications obtainable from architect on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

SAN ANDREAS, Calaveras Co., Cal.
 —Movement has been launched by Calaveras County Chamber of Commerce to locate the proposed \$1,000,000 sanitarium of the Benevolent and Protective Order of Elks in Calaveras county. The matter of selecting a site for the proposed project has been pending for about two years.

NAPA, Napa Co., Cal.—State of California has purchased 249 acres adjoining Napa State Hospital as a preliminary to making extensive additions to the present buildings. Benjamin G. McDougall, Forum Bldg., Sacramento, state architect.

NAPA, Napa Co., Cal.—Following have been appointed a committee to secure estimates of cost for a new community hospital for Napa: Will C. Keig, Miss Ruth Stearns, John N. Mount, Lee Boggs, Mrs. Inez Wentworth, Mrs. Edith Clifford, H. J. Baade, J. H. Schuppert and D. J. Shwarz.

OAKLAND, Cal.—County supervisors contemplate construction of steel-celled room at Highland (County) Hospital for care of patients treated at the hospital as prisoners, thus avoiding the payment of special guards. Henry H. Meyers, architect Kohl Bldg., San Francisco, will prepare plans.

HOTELS

Sub-Contracts Awarded.
HOTEL BLDG. Cost, \$400,000
SAN FRANCISCO, NE Fifth and Mission Streets.
 Eight-story and basement Class B hotel and store building.
 Owner—The Pickwick Corporation, Fifth and Mission Sts., San Francisco.
 Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco.
 Contractor—Edwards, Widley & Dixon Co., Premises.
Vault Doors—Hermann Safe Co., Howard and Main Sts., San Francisco.
Brick Work—Hock & Hoffmeyer, 666 Mission St., San Francisco.
Plastering—Jesse Shay, 725 Tehama St., San Francisco.
Sheet Metal—Latourrette-Fical Co., 57 Clementina st., S. F.
 Other awards made previously reported.

Mechanical Bids Wanted.
ALTERATIONS Cost, Approx. \$60,000
SAN FRANCISCO, Geary St. near Van Ness Ave.
 Extensive alterations to present six-story Class C hotel building (6 stores and additional baths).
 Owner—A. L. Gump, 246 Post St., San Francisco.
 Architect—Milton Latham, 454 Montgomery St., San Francisco.

Construction Started.
HOTEL Cost, \$—
MARYSVILLE, Yuba Co., Cal., North of I St. South of Fourth.
 Two-story concrete hotel building (coffee shop, dining room, etc.)
 Owner and Mgr. of Constr. — Dunning Bros., Marysville.
 Plans by Owner.

Additional Sub-Contracts Awarded.
HOTEL Cost, \$2,000,000
SAN FRANCISCO, SE Sutter and Powell Streets.
 Twenty-three-story Class A hotel building
 Owner — Sutter-Powell Realty Co., Leo Huckins, Financial Center Building, Manager.
 Architect—Weeks & Day, Financial Center Bldg., San Francisco.
 Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Marble—J. E. Back, 1533 San Bruno Ave., San Francisco.

As previously reported, tile work awarded to Malott & Peterson, 3221 20th St., S. F.; mechanical work to Latourrette Fical Co., 907-917 Front St., Sacramento; wiring to H. S. Tittle, 85 Columbia St., S. F.; plastering to Peter Bradley, 639 Brannan St., S. F.; elevators to Spencer Elevator Co., 166 7th St., S. F.; grading to Granfield, Farrar & Carlin, 67 Hoff St., S. F.; structural steel to Pacific Rolling Mills, 1200 17th St., S. F. and U. S. Steel Corp., Russ Bldg., S. F.

COLUSA, Colusa Co., Cal.—San Francisco interests propose to finance erection of \$200,000 hotel building in Market street. Other interests propose a modern fireproof structure at Market and Fourth streets. Further information regarding these projects will be given when plans are further progressed.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
 HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

DOUGLAS, Ariz.—Architect Carleton M. Winslow, 1001 Architects Bldg., Los Angeles, has had working drawings approved by the Douglas Community Hotel Association for the first unit of the new hotel to be erected at Douglas, Ariz. Plans will be put out to a selected list of contractors next week and bids will be submitted to E. W. Graves, at Douglas, on or before 2 P. M., February 25th. The structure will be two stories in height and will contain 60 guest rooms with 90 per cent private baths. Cost, \$115,000.

GRASS VALLEY, Nevada Co., Cal.—Management of Bret Harte Inn contemplates immediate remodel and additions to present structure involving an expenditure of \$10,000. Chas. R. Fraser of Sacramento is president of the syndicate operating the hotel.

SACRAMENTO, Cal.—George D. Hudnutt, Inc., 1916 S St., Sacramento, awarded following sub-contracts in connection with the construction of a three-story and basement brick hotel and (2) stores at 231 J St. for Chas. H. Crocker, San Francisco, capitalist, represented in Sacramento by the Klein Realty Service, Inc., 1009 8th St. Structure will be leased to W. Idemoto for ten years. Will contain 70 rooms and two stores. Cooling system, steam heat.

Plumbing and Heating—Scott Plumbing & Electrical Co., 1900 M St., Sacramento.
Electric Wiring—Sam Poroshin, 2519 21st St., Sacramento.

TERRA BELLA, Tulare Co., Cal.—J. O. Chapin (Chapin Construction Co.) Los Angeles, plans erection of 50-room hotel building to be erected in business section; estimated cost \$50,000.

CORONADO, San Diego Co., Cal.—Construction is expected to be started shortly on the 13-story class A hotel building to be erected on Orange ave. near Ada pl. The house on the site is being moved. The project is being promoted by Carrington & Woodman.

ICE AND COLD STORAGE PLANTS

Plans Being Prepared

COLD STORAGE PLANT Cost \$250,000
WATSONVILLE, Santa Cruz Co., Cal.
(Beach road (150,000 sq. ft.))

One-story reinforced concrete cold storage plant, 300x500 ft.
Owner—Apple Growers Cold Storage Co. Engineers—Utley & Kleindinst, 351 Hobart st., Oakland.

The cooling system will be circulating brine, while each storage chamber will be 16 feet high and the temperature will be controlled automatically with recording thermometers in each storage chamber recording the temperature every minute of the time the chamber is in use. Special truckage facilities will be built through the center of the property by the Southern Pacific Company, with great platforms for unloading fruit trucks on one side and still larger canopied platforms on the rail side for car loadings.

The personnel of the temporary organization is: Carrol Rodgers, president; Tony Scurich, vice-president; Elmer Faul, secretary. The temporary board of directors is composed of Louis Kusolich, Jack Dicklich, John Braykovich, Jack Scampavin, Mitchell Pista, Jasper Simunovich, Nicholas Alaga, M. S. Travers and John W. Lukrich.

MARE ISLAND, Cal.—See "Government Work and Supplies," this issue. Bureau of Yards and Docks wants bids for equipment for refrigerating plant, under Specification No. 5523.

POWER PLANTS

CALAVERAS COUNTY, Cal.—L. B. Rouse, Pine Grove, (Amador County), seeks authorization of Federal Power Commission, Washington, D. C., to build dam, power house and transmission line on middle fork of Mokelumne river in Calaveras county. Applicant contemplates development of 200 h. p. to be used for mining and milling purposes.

LOS ANGELES, Cal.—Until 3 P. M., Feb. 7, bids will be rec. by water and power commission for street lighting transformers, Adv. No. P-483. Jas. P. Vroman, secretary.

LAKEPORT, Lake Co., Cal.—Northern California Telephone Co. has started reconstruction of phone lines in Lake, Napa, Sonoma and other adjoining counties, installing new poles with copper wire replacing iron wires. Est. cost, \$40,000. J. P. Nobles, manager of company.

SANTA PAULA, Cal.—Southern California Edison Co., 306 W-3rd St., Los Angeles, is purchasing rights-of-way for 120,000-volt high tension line, 44 mi. in length, from Satcoy to Castaic sub-station; est. cost, \$10,000 per mile.

SALINAS, Monterey Co., Cal.—W. J. Burke, 200 Davis St., San Francisco, awarded contract for the William Concrete Form Clamps by the Pacific Gas & Electric Co., in connection with the construction of a sub-station being erected at Salinas.

GLENDALE, Cal.—Until Feb. 16, 10 A. M., bids will be rec. by A. J. Van Wie, city clerk, to fur. f. o. b. cars, Glendale: 1 three pole, single throw, 2000 ampere, 7500 volt oil circuit breakers; electrically operated, remote control, non-automatic. Indoor type, cell mounting, solenoid for 125 volts, direct current, equipped with emergency closing handle, closing mechanism to be mounted beneath breaker. Breakers to be installed in concrete cells 2-ft. 8-in. wide, 3-ft. 5-in. deep, 6-ft. 3-in. high.

15 three pole, single throw, 600 amp., 7500 volt oil circuit breakers, capable of interrupting 11,000 amps. at 4150 volts. Breakers to be electrically operated, remote control, full automatic with trip free relay. Indoor type, cell mounting. Solenoid for 125 volts, direct current, equipped with emergency handle. Breakers are to be installed in conc. cells, 2-ft. 5-in. wide, 3-ft. 5-in. deep, 5-ft. 10-in. high.

15 250-amp., 3-phase, 50-cycle reactors, designed to give approx. 3% reactive drop when connected in series in a 1440 KVA 3-phase, 4150 volt circ.

Alt. bids will be received on 15 500 amp., 3-phase, 50-cycle, reactors, designed to give approx. 3% reactive drop when connected in series in a 2875 KVA 3-phase, 4150 volt circuit. Alt. bids will be received on above reactors having shunt resistors. Reactors to be installed in reinforced conc. cells, 5-ft. 2-in. wide, 4-ft. 6-in. deep, 10-ft. 2-in. high.

33 3000 amp., 7500 volt, single pole, single throw disconnect switches.

6 600 amp., 6000 vit, single pole, single throw disconnect switches.

LOS ANGELES, Cal.—Dept. of Water and Power, Bureau of Power and Light, 297 S Broadway, applied for building permit to erect a 23-room, 2-story and basement sub-station, 74x103 ft. at 5735 S Figueroa st; steel frame; cost \$130,000.

SAN FRANCISCO—McClellan & Junkersfeld, consulting engineers, New York, are completing plans for \$4,000,000 power plant to be erected for Great Western Power Co., 530 Bush St. on waterfront lands facing Indian Basin; will be 35,000 kilowatt turbine, first unit of gigantic steam installation that will eventually generate hundreds of thousands of horsepower of electrical energy. The engineers will supervise all construction.

BENBOW, Humboldt Co., Cal.—Benbow Power Co., recently incorporated, has applied to State Railroad Comm. for authority to engage in the distribution of electric light and power in Humboldt and Mendocino counties. Applicant proposes to construct a dam across the south fork of the Eel river at a point approx. 2600 feet westerly from the highway running through Benbow, and to construct a hydro-electric power plant, but pending construction of said plant to operate a Diesel engine power plant.

PUBLIC BUILDINGS

SAN FRANCISCO—M. J. Tierney has been appointed Superintendent of Public Buildings by the Board of Public Works, succeeding C. W. Meehan, who retired because of disability. Tierney's duties commence Feb. 1.

Additional Sub-Contracts Awarded.
COURTHOUSE ANNEX

Cont. Price, \$105,000
UKIAH, Mendocino Co., Cal.
Two-story and basement steel frame and concrete courthouse annex.

Owner—County of Mendocino.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

Contractor—E. T. Leiter & Son, 3601 West St., Oakland.

Stone—California Cut Stone Co., 403 De Haro St., San Francisco.

Brick and Tile Work—T. Beebe, 1650 Tyler St., Oakland.

As previously reported, concrete awarded to J. H. Fitzmaurice, 2857 Hannah St., Oakland; reinforcing steel to Soule Steel Co., Rialto Bldg., S. F.; steel sash to U. S. Metal Products Co., 330 10th St., S. F.; structural steel to Judson Mfg. Co., Foot of Parker Ave., Oakland.

Sub-bids on other parts of the work are now being taken.

NORTH SACRAMENTO, Cal.—Architects Dean & Dean, California State Life Bldg., Sacramento, are preparing preliminary plans and estimates of cost for a combined city hall and firehouse. Estimates will be submitted to the city trustees shortly who propose to finance the structure through a bond issue.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—R. C. Stickle, 304 Linden st., South San Francisco, submitted the only bid at \$3297 to G MacSweeney, city clerk, for the construction of a 1-story concrete fire house for housing fire alarm system. The contract will be awarded Feb. 6.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Sub-contracts Awarded
MEMORIAL BLDG. Cont. price \$145,000
BERKELEY, Alameda Co., Cal., Center st., bet. Grove and Milvia.
 Two-story and base. veterans' memorial bldg.
 Owner—Alameda County.
 Architect—Henry H. Meyers, Kohl Bldg., S. F.
 Contractor—E. T. Leiter & Son, 351 12th street, S. F.
Structural steel—Judson Mfg. Co., foot of Parker ave., Oakland.
Reinforcing steel—Soule Steel Co., Rialto Bldg., S. F.
Concrete—J. H. Fitzmaurice, 354 Hobart st., Oakland.
Sheet metal—East Bay Sheet Metal Wks., 1101 Market st., Oakland.
Glass—East Bay Glass Co., 369 5th st., Oakland.
Plastering—Cronin & Burnett, 865 22nd st., Oakland.
Electrical work—Kenyon Electric Co., 526 13th st., Oakland.
Plumbing and heating—Carl T. Doell, 467 21st st., Oakland.
Mill work—Oakland Planing Mill, 2nd & Washington sts., Oakland.
Brick work and tile—T. Beebe, 1650 Tyler st., Oakland.
Steel sash—Michel & Pfeffer Iron Works, Harrison and 10th sts., S. F.
Roofing—Brown Roofing Co., 3267 San Pablo ave., Oakland.
Lumber—Tilden Lumber Co., 2nd and Harrison sts., Oakland.
Painting—I. Ingebrigtsen & Son, East 28 st., Oakland.
Ornamental iron—Liberty Iron Works, 21st and Filbert sts., Oakland.
Excavating—J. Cattucci, 1212 18th ave., Oakland.

Plans Being Completed.
MACHINERY BLDG. Cost, \$135,000
SACRAMENTO, Sacramento Co., Cal. Fair Grounds.
 Reinforced concrete machinery building.
 Owner—State of California.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Plans will be ready for bids in 1 week.

RESIDENCES

Sub-Bids Being Taken.
HOME Cost, \$40,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
 Two-story brick model home (7 rooms, 5 baths and 3-car garage).
 Owner—The Oakland Tribune.
 Architect—Frederick H. Reimers, Tribune Tower, Oakland.
 Contractor—Dudley De Velbiss, 354 Hobart St., Oakland.

Contract Awarded
RESIDENCES Cost \$5000 ea.
SAN FRANCISCO, W. Camellia N Silver ave and E 32nd ave, N Santiago; three 1-story and basement frame and stucco residences.
 Owner—Castle Building Co., 830 Market.
 Architect—None.
 Contractor—Henry Horn, 830 Market st. Building permit applied for.

Contract Awarded
RESIDENCE Cost \$10,000
BURLINGAME, San Mateo Co., Cal. Poppy drive.
 Two-story frame and stucco residence.
 Owner—George Stratton, Alexander Bldg. San Francisco.
 Architect—None.
 Contractor—G. W. Williams, 1450 Columbus ave., Burlingame.

Contract Awarded
RESIDENCE Cost \$—
BERKELEY, Alameda Co., Cal., 2726 Derby st.
 Alterations and addition to residence (add 2 rooms, plumbing, painting etc.)
 Owner—W. H. Newell.
 Architect—B. Reede Hardman, First National Bank Bldg., Berkeley.
 Contractor—P. H. Michaelson, care architect.

Permit Applied For.
RESIDENCE Cost, \$12,000 or more
SACRAMENTO, Cal. No. 3770 Nineteenth St.
 Two-story frame and stucco residence (9 rooms and garage)
 Owner—Wm. Murrell, 10th and V Sts., Sacramento.

Preparing Working Drawings.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Oak Knoll.
 Two-story frame and stucco residence (English type).
 Owner—Dr. A. Tichenor, 1906 Franklin St., Oakland.
 Architect—Douglas Stone, 354 Hobart St., Oakland.
 Bids will be taken for a general contract in three weeks.

Contract To Be Awarded.
RESIDENCE Cost, \$20,000
CLAREMONT, Alameda Co., Cal.
 Two-story ten-room frame and stucco residence with terra cotta tile roof.
 Owner—Annie Reese.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.
 Contractor—H. L. Paige, 5844 College Ave., Oakland.

DEL MONTE, Monterey Co., Cal.—William Otis Raiguel has been engaged by the Del Monte Properties Co. to take charge of the company's architectural department to facilities plans for residence structures in the country club area. He will maintain offices at the Hotel Del Monte.

Plans Complete
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., Ocean View dr., Rockridge Dist.
 Two-story frame and stucco residence with tile room, 9 rooms and garage.
 Owner—Mr. Cox.
 Architect—Chas. W. McCall, 1404 Franklin st., Oakland.
 The plans are now in the hands of owner and bids will be called for shortly.

Preparing Working Drawings
BUNGALOW Cost \$6000
SAN FRANCISCO, E Moscow 75 S Persia.
 One-story frame and stucco bungalow, 6 rooms, all modern conveniences.
 Owner and Builder—E. J. Quistad, 701 Architect—Irvine & Ebbets, Call Bldg. Parker ave.
 Owner will take sub-bids in a few days.

Sub-Bids Being Taken.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Trestle Glenn.
 One-story frame and stucco residence (7 rooms, 2 baths, double garage and laundry).
 Owner & Builder—Frank Carr, 2837 62nd Ave., Oakland.
 Architect—George Ellinger, 1723 Webster St., Oakland.

Plans Being Figured
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., Ocean View dr., Rockridge Dist.
 Two-story frame and stucco residence with tile roof, 9 rooms and garage.
 Owner—Mr. Cox.
 Architect—Chas. W. McCall, 1404 Franklin st., Oakland.

Plans Being Figured.
RESIDENCE Cost, \$8000
OAKLAND, Alameda Co., Cal. Park Boulevard.
 Two-story frame and stucco residence (two four-room dwellings).
 Owner—Miss Jacobsen.
 Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Preparing Working Drawings
RESIDENCE Cost \$50,000
HILLSBOROUGH, San Mateo Co., Cal. Two-story 20-room frame and stucco residence.
 Owner—Fuller Brawner, 301 Mission st., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th st., S. F.
 Plans will be ready for bids in about 30 days.

Plans Being Prepared
RESIDENCE Cost \$35,000
BERKELEY, Alameda Co., Cal., Arlington ave.
 Two-story and basement frame and stucco residence, Basque type of architecture, 15 rooms and 6 baths.
 Owner—Robert Woodville.
 Architect—Edwin L. Snyder, 2108 Addison st., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, \$22,000
SAN LEANDRO, Alameda Co., Cal. Broadmoor near Dutton Ave.
 Two-story frame and stucco residence (10 rooms and 3 baths).
 Owner—Withheld.
 Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
 Bids will be taken for a general contract in 30 days.

To Be Done By Day's Work.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, NE Nineteenth and Hampshire Streets.
 Two-story and basement frame and stucco residence.
 Owner—Virgil and Adele Masarie, 1121 Wisconsin St., San Francisco.
 Architect—None.

Plans Being Figured.
RESIDENCE Cost, \$15,000
OAKLAND, Alameda Co., Cal. Lake District.
 Two-story and basement frame and stucco residence (8 rooms and 2 baths).
 Owner—Wm. H. Sohst, 2720 Broadway, Oakland.
 Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Sub-Bids Being Taken.
RESIDENCES Cost, \$8000 each
BURLINGAME, San Mateo Co., Cal. Vancouver Street.
 Two one-story frame and stucco, Spanish style residences with tile roof.
 Owner and Builder—Chas. Bell, Burlingame.
 Architect—Russell Coleman, 1132 Cambridge Road, Burlingame.

Contract Awarded
RESIDENCE Cost \$10,000
PEBBLE BEACH, Monterey Co.
 Two-story frame and stucco residence. 10 rooms, 3 baths.
 Owner—Warren J. Clear, Pebble Beach.
 Architect—J. J. Ranken, 58 Post st., San Francisco.
 Contractor—W. H. McConnell, 862 Mummas st., Monterey.

WILLOWS, Glenn Co., Cal.—T. R. Peters, Willows, general contractor, will start construction shortly on eight modern frame and plaster bungalows on property recently purchased.

SCHOOLS

Plans Being Prepared.
ADDITION Cost, \$75,000
SAN FRANCISCO. Block Bounded by Bacon, Goettingen, Barrow and Somerset Streets.
 Add to present school building (known as Edward Robeson Taylor School).
 Owner—City and County of San Francisco
 Architect—Jas. Rankin, 57 Post St., San Francisco.

FERNDALE, Humboldt Co., Cal.—Until Feb. 21, 7 p. m., bids will be received by Chevalier M. Turner, clerk, Ferndale Union High School District, to erect gymnasium building at high school grounds. Newton Ackerman, architect, Fourth and Commercial sts., Eureka. Cert. check 2 per cent req. with bid. Plans obtainable from architect on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Preparing Working Drawings.
BUILDING Cost, \$250,000
BERKELEY, Alameda Co., Cal. Uni-
 versity Campus.
 Five-story reinforced concrete building
 (Life Sciences).
 Owner—University of California.
 Architect—Geo. W. Kelham, 315 Mont-
 gomery St., San Francisco.

Sub-Contracts Awarded.
MUSIC BLDG. Cost, \$250,000
OAKLAND, Alameda Co., Cal. Mills
 College Campus.
 Two-story and basement Class B music
 building.
 Owner—Mills College, Premises.
 Architect—W. H. Ratcliff Jr., Chamber
 of Commerce Bldg., Berkeley.
 Contractor—E. T. Leiter & Son, Call
 Bldg., San Francisco, and 3601 West
 St., Oakland.

Concrete—J. H. Fitzmaurice, 351 Hobart
 St., Oakland.

Reinforcing Steel—Soule Steel Co., Ri-
 alto Bldg., San Francisco.

Structural Steel—Herrick Iron Works,
 14th and Campbell Sts., Oakland.

Plastering—Cronin & Burnett, 865 32nd
 St., Oakland.

Mill Work—Oakland Planing Mills, 2nd
 and Washington Sts., Oakland.

Glass—East Bay Glass Co., 369 5th St.,
 Oakland.

Heating—Scott Co., 113 10th St., Oakland

Plumbing—H. J. Kyle, 1718 E-14th St.,
 Oakland.

Sheet Metal—East Bay Sheet Metal
 Works, 1101 Market St., Oakland.

Painting—J. A. Turgeon, 2031 Broadway,
 Oakland.

Tile—Rigney Tile Co., 3012 Harrison St.,
 Oakland.

Electrical Work—Spott Electrical Co., 2095
 Broadway, Oakland.

Stone Work—California Cut Stone Co.,
 403 De Haro St., San Francisco.

Lumber—Tilden Lumber Co., 2nd and
 Harrison Sts., Oakland.

Sheet Sash—Michel & Pfeffer Iron Wks.,
 Tenth and Harrison Sts., S. F.

SAN FRANCISCO—Architect W. H.
 Crim, 425 Kearny St., has been commis-
 sioned by the Board of Public Works to
 prepare plans and specifications for first
 unit of the Park-Presidio High School
 to be erected in block bounded by 29th
 and 30th Aves., Geary and Anza Sts.
 The first unit will cost in the neigh-
 borhood of \$350,000.

Preparing Working Drawings
SCHOOL Cost \$70,000
LINCOLN, Placer Co., Cal.
 Two-story reinforced concrete school
 bldg., 16 classrooms.
 Owner—Lincoln School District.
 Architect—Dean & Dean, California State
 Life Bldg., Sacramento.

Preparing Working Drawings.
SCHOOL Cost, \$150,000
MARTINEZ, Contra Costa Co., Cal.
 School property bet. Susana and Ar-
 cha Streets.
 Two-story brick school building (15
 classrooms).
 Owner—Martinez Grammar School Dis-
 trict T. B. Swift, Clerk.
 Architect—Louis S. Stone, 354 Hobart
 St., Oakland.

Erection of the structure depends upon
 bond issue for between \$150,000 and
 \$200,000 carrying. Provision will be made
 in the structure for manual training and
 domestic science, shops and work rooms.

ST. HELENA, Napa Co., Cal.—Pacific
 Union College, the Seventh Day Advent-
 ist educational institution near here,
 will undergo improvements; trustees
 have voted \$10,000 for normal department
 additions; \$3000 for water system and
 \$2200 to rebuild pipe organ. Dairy feeding
 shed and new domestic science building
 is also contemplated.

FRESNO, Fresno Co., Cal.—Following
 bids taken under advisement until Feb.
 1 by Board of Education for sprinkler
 system for Roosevelt High School: Fresno
 Sprinkler Installation Co., Fresno,
 \$3639; Peterson Bros., Englewood, \$3042;
 B. A. Newman Co., Fresno, \$1312; F. W.
 Pedman, Fresno, \$3213; Barrett-Hicks Co.,
 Fresno, \$3333; Brooks of Calif., Los An-
 geles, \$3445; S. & W. Sprinkler Co., \$3259.
 (S. & W. sprinklers \$3111); Steve Duchich,
 Los Angeles, \$2777.

FRESNO, Fresno Co., Cal.—Following
 is a complete list of bids received by
 Board of Education to erect addition to
 Jefferson School, all being taken under
 advisement until Feb. 1:

Geo. G. Wood, carpentry, \$18,500.
 Jolly & Harrington, carpentry, \$17,750.
 W. T. Harris, carpentry, \$17,955; ded-
 uct, if acoustical plaster is omitted in
 lunch room, class and work room, \$590.
 Carl H. Peterson, carpentry, \$19,900.
 Irwin & Hopkins, carpentry, \$18,747.
 E. H. Mellenkamp, carpentry, \$19,890.
 Bingham-Wenkes, mill work, glass and
 glazing, \$2505.

Madray's Planing Mill, mill work, glass
 and glazing, \$1900.

Fresno Planing Mill, mill work, glass
 and glazing, \$2783; alt. deduct, \$565.

Barrett-Hicks Co., plumbing, \$953; heat-
 ing, \$1817; finish hardware, \$487.

B. A. Newman, plumbing, \$1045; heat-
 ing, \$1842.

James E. Harrison, painting, \$974.

W. M. Hancock, painting, \$1414.

Robinson Electric Co., electric wiring,
 \$1535.

Electric Construction Co., electric wiring,
 \$1454.

Fresno Electric Co., electric wiring,
 \$1561.

Valley Electric Supply Co., electric wir-
 ing, \$1600.

Fresno Hardware Co., finish hardware,
 \$489.

C. F. Weber & Co., slate blackboards,
 \$233; Sterling blackboards, \$154.

Wessel Electric Co., electric wiring,
 \$1590.

MARTINEZ, Contra Costa Co., Cal.—
 Until March 1, bids will be received by
 Wm. H. Hanlon, county supt. of schools,
 to fur. standard school supplies to schools
 of the county for fiscal year beg. July 1,
 1928, and ending June 30, 1929. Lists of
 materials desired obtainable from above
 on request.

FRESNO, Fresno Co., Cal.—Thompson
 Bros., Fresno, at \$5690 submitted low bid
 to Board of Education for curbs, walks
 and roadways at Roosevelt High School.
 Other bids, all taken under advisement
 until Feb. 1, were: Otto W. Batty, Fresno,
 \$5725; M. Madsen, Fresno, \$5820; Stewart
 & Nuss, Fresno, \$5970.

FRESNO, Fresno Co., Cal.—Steve
 Duchich, Los Angeles, at \$975 submitted
 low bid to Board of Education for walks,
 curbs and roadways at Edison Tech-
 nical School. Other bids, all taken under
 advisement until Feb. 1, were: Thomp-
 son Bros., Fresno, \$1120; Otto W. Batty,
 Fresno, \$1200; Stewart & Nuss, Fresno,
 \$1275.

FRESNO, Fresno Co., Cal.—Following
 bids taken under advisement until Feb.
 1 by Board of Education for sprinkler
 system at Edison Technical school: Fresno
 Sprinkler Installation Co., Fresno,
 \$924; Peterson Bros., Englewood, \$951;
 B. A. Newman Co., Fresno, \$954; F. W.
 Redman, Fresno, \$876; Barrett-Hicks Co.,
 Fresno, \$968; Brooks of California, Los
 Angeles, \$950; S. & W. Sprinkler Co.,
 \$903, alternate, \$861; Steve Duchich, Los
 Angeles, \$740.

What architects and all who build have
 learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously
 by brush or spray application to achieve the
 best result at the minimum cost to the owner.

A. Quandt & Sons
 Painters and Decorators
 SINCE 1885
 374 GUERRERO STREET, SAN FRANCISCO
 Telephone Market 1711

Quandt-quality is available for the small job
 as well as the large. Pioneers and Special-
 ists in the application of Lacquer in the
 architectural field. Complete decorative
 color schemes designed and furnished.
 Advice for technical painting requirements
 furnished. Our operations are state-wide.

FRESNO, Fresno Co., Cal.—Thompson
 Bros., Fresno, at \$4190 submitted low bid
 to Board of Education to grade Roose-
 velt High School site. Bids taken un-
 der advisement until Feb. 1. Other bids:
 Otto W. Batty, \$4500; Stewart & Nuss,
 Fresno, \$4570; M. Madsen, Fresno, \$4800.

FAIRFIELD, Solano Co., Cal.—Armijo
 High School District having plans pre-
 pared for a 1-story machine shop and
 manual training building to be erected
 on school grounds. Estimated cost \$15,-
 000.

CHICO, Butte Co., Cal.—Approval of
 a \$154,000 deficiency appropriation for
 reconstruction of the Chico State Teach-
 ers' College, destroyed by fire, if as-
 surance is given that no large building
 appropriation will be asked of the 1929
 Legislature. It is announced by the State
 Director of Finance, A. R. Heron. There
 is now \$75,000 available for building on
 the college site. State officials propose
 erection of a \$229,000 administration
 building for use as a classroom struc-
 ture as the first unit of the new plant,
 which will ultimately accommodate 3000
 students.

SEA SIDE, Monterey Co., Cal.—The
 following contracts were awarded by John
 L. D. Roberts, clerk, Del Monte School
 District, to remodel school building for
 auditorium, including the construction
 of boiler, fuel and toilet rooms, plumb-
 ing system and steam heating, chimneys,
 etc., and for additions to new building.
 George E. Ellinger, architect, 1723 Web-
 ster st., Oakland:

Steam heating—Waters Bros., Monterey,
 \$3152.

Remodeling old building—C. D. Todd,
 Monterey, \$3800.

Additions to new building—W. P. Swee-
 ney, \$10,527.

Other bidders were: steam heating,
 Schriber Bros., Oakland, \$3278; J. A.
 Freitas, Oakland, \$3200; Roy Barton,
 Monterey, \$3314; The Patrick Co., Mon-
 terey, \$2816.

Remodeling old building—W. P. Swee-
 ney, Monterey, \$5970; H. D. Coon, Mon-
 terey, \$6450.

Additions to new building—H. D. Coon,
 Monterey, \$11,155; Percy Parks submit-
 ted a combined bid for heating, remodel-
 ing and additions at \$19,474.

SOLEDAD, Monterey Co., Cal.—Until
 Feb. 18, 2:30 P. M., bids will be received
 by Soledad Union Grammar School Dis-
 trict to install complete steam heating
 plant in grammar school. H. B. Douglas,
 architect, Greenfield. Plans obtainable
 from architect and on file in office of
 clerk of district.

BERKELEY, Alameda Co.—E. T. Lei-
 ter & Son, 351 12th st., Oakland, award-
 ed the following sub-contracts in con-
 nection with the construction of altera-
 tions and additions to Edison Jr. High
 School: 2-story brick; in south side of
 Oregon st. bet. Grant and McGee sts.
 W. H. Ratcliff, architect, Chamber of
 Commerce Bldg., Berkeley.

Excavating and concrete work—J. H.
 Fitzmaurice, 354 Hobart st., Oakland.

Brick work—T. Beebe, 1650 Tyler st.,
 Oakland.

Steel—Judson Mfg. Co., foot of Parker
 ave., Oakland.

Mill work—Oakland Planing Mill, 2nd &
 Washington st., Oakland.

Sheet metal—East Bay Sheet Metal Wks.,
 1101 Market st., Oakland.

Heating—Bell Co., 1826 E 15th st., Oak-
 land.

Plumbing—H. J. Kyle, 1718 East 14th st.,
 Oakland.

Plastering—Cronin & Burnett, 865 32nd
 st., Oakland.

Glass—East Bay Glass Co., 369 5th st.,
 Oakland.

Painting—G. Atwater, 361 Hanover st.,
 Oakland.

BANKS, STORES & OFFICES

Plans Being Completed.

BANK Cost, \$20,000
OAKLAND, Alameda Co., Cal. Seventy-
 fourth Ave. and Foothill Blvd.

One-story reinforced concrete and brick
 bank building.

Owner—The Oakland Bank.
 Architect—George O'Brien, Federal Tele-
 graph Bldg., Oakland.

Mgr. of Construction—William Wheeler, 12th and Broadway, Oakland.
Segregated bids will be taken Feb. 6.

Ready for Sub-bids in One Week
MARKET BLDG. Cost \$750,000
OAKLAND, Alameda Co., Cal., Block bounded by 14th and 30th sts., bet. Jefferson and Grove sts.
One-story class A market building (47,000 sq. ft.)
Owner—Twentieth Century Market (Jas. G. Rohan, president).
Architect & Contractor—Maury I. Diggs, Latham Square Bldg., Oakland.

MARTINEZ, Contra Costa Co., Cal.—L. M. Lasell granted permit by city to remodel present store building; est. cost, \$5000.

Bids Opened—Under Advisement
WAREHOUSE Cost \$500,000
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.

Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

SANTA ANA, Cal.—Harry D. Riley, 151 S. Los Angeles St., Anaheim, is taking bids for one and part two-story Class C garage and automobile sales building, 150 x 125 feet, to be built at Myrtle and Main sts., Santa Ana, for himself. Brick construction. Plans prepared by Architect Guy L. Rosebrook, 1404 Franklin St., Oakland.

Contracts Awarded
INTERIOR FINISHING Cost \$100,000
SAN JOSE, Santa Clara Co., Cal., First and Santa Clara sts.
Interior finishing for ten-story class A bank building (now under construction).

Owner—First National Bank of San Jose.
Architect—Frederick H. Meyer, 742 Market st., S. F.
General work—R. O. Summers, 17 N. First st., San Jose, \$20,586.

Ornamental iron—Peerless Ornamental Iron Works, 1528 Folsom st., San Francisco, \$12,441.

Electrical Work—Thomas Day Corp., 725 Mission st., S. F., \$8780.

Metal counters, etc.—J. L. Davidson, 632 Mateo st., Los Angeles, \$13,130.

Low Bidder
WAREHOUSE Cost \$500,600
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Low Bidder—Clinton Construction Co., 923 Folsom st., S. F.

Contract Awarded
BANK BLDG. Cost \$40,000
CORCORAN, Kings Co., Cal.
One-story reinforced concrete bank and store building, 46x60 ft.
Owner—First National Bank of Corcoran.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor—Lawton & Vezey, 354 Hobart st., Oakland.

Completing Plans
BANK Cost \$20,000
OAKLAND, Alameda Co., Cal., 14th and Foothill blvd.
One-story reinforced concrete and brick bank building.
Owner—The Oakland Bank.
Architect—George O'Brien, Federal Telegraph Bldg., Oakland.

Segregated bids will be taken in one week by owner.
BAKERSFIELD, Kern Co., Cal.—Weber Showcase & Fixture Co., 967 Mission St., San Francisco, at approx. \$15,000 awarded contract by First National Bank to remodel recently acquired quarters at n. e. 18th St. and Chester Ave. Plans provide for modern cooling system.

MARYSVILLE, Yuba Co., Cal.—Directors of Yuba County Chamber of Commerce plan immediate construction of new building to house quarters of organization. A site in Fifth st. bet. J and K sts. is contemplated. Building committee comprises: W. S. O'Brien, E. E. Bryan, H. H. Dunning.

Plans Being Figured
STORE Cost \$70,000
BERKELEY, Alameda Co., Cal., Shattuck ave.
One-story frame and stucco store building.
Owner—Raymond Price.
Architect—Edwin L. Snyder, 2108 Addison st., Berkeley.

Sub-bids Being Taken
STORE BLDG. Cost \$25,000
OAKLAND, Alameda Co., Cal., E 38th st. and Park blvd.
Two-story frame and stucco store and office bldg.
Owner—G. McEllenay, Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.
Contractor—Theo. Starr & Anderton, 1624 Franklin st., Oakland.

PORTERVILLE, Tulare Co., Cal.—Dr. O. I. Daley, Porterville, is having plans prepared for a two-story store and office building to be erected in Main street; estimated cost, \$40,000. Will be two-story, brick, steel and reinforced concrete construction, 80 by 110 feet. A portion of the structure will be leased to Montgomery-Ward Co., mail order house of Oakland.

Contract Awarded.
BANK BLDG. Cost, \$40,000
RICHMOND, Contra Costa Co., Cal., Twelfth St. and Macdonald Ave.
Owner—Richmond Commercial & Savings Bank (Geo. E. Barnett, President).
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Contractor—Wallace Snellgrove.

EUREKA, Humboldt Co., Cal.—State has purchased lots 1 to 10 in block 58 of the enlargement of Clark's Addition as a site for proposed administration building to be erected for the State Highway Commission. Early construction is contemplated. C. H. Purcell, state highway engineer.

Contract Awarded
LOFT BLDG. Cont. price \$26,056
OAKLAND, Alameda Co., Cal., Nineteenth and Webster sts.
Two-story class C loft building.
Owner—Dr. R. N. Blanquie, 934 Warfield ave., Oakland.
Architect—A. Froberg, 505 17th st., Oakland.
Contractor—Clinton Construction Co., 923 Folsom st., S. F.

RED BLUFF, Tehama Co., Cal.—Representatives of the Montgomery, Ward Co., Oakland, are in this city seeking a site on which to erect a distribution plant and retail store.

Plans Being Completed.
ALTERATIONS Cost, \$—
SAN FRANCISCO. No. 779 Market St.
Alter present theatre building for market
Owner—Thomas Magee, 60 Sutter St., San Francisco.
Architect—Miller & Pfeiffer, 580 Market St., San Francisco.
Lessee—Shapiro Bros., 945 Market St., San Francisco.
Plans will be completed in about two weeks.

Plans Being Completed.
STORE BLDG. Cost, \$30,000
MODESTO, Stanislaus Co., Cal., Eleventh and I Streets (75x90 feet).
One-story reinforced concrete store building.
Owner—Elias-Harris Building (Sol P. Elias).
Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.
Bids will be taken in three weeks.

Plans Being Figured.
BANK BLDG. Cost, \$75,000
MODESTO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Bids will be taken in one week.

REDWOOD CITY, San Mateo Co., Cal.—Redwood City Daily Tribune, 233 Main St., George F. Morrell, publisher, has taken an option on property in Webster street adjoining site of proposed \$150,000 theatre building on which it is proposed to erect office and newspaper publishing plant. The structure will be one-story in height of reinforced concrete, Spanish type.

TURLOCK, Stanislaus Co., Cal.—Stanislaus Imprint & Hardware Co. of Turlock and Modesto is having plans prepared for a one-story reinforced concrete store building, 77 by 110 feet, to be erected on Southern Pacific property fronting on East Main street; est. cost, \$15,000. L. W. Zimmerman is branch manager for the company at Turlock.

SANTA CRUZ, Santa Cruz Co., Cal.—Architect Allen Collins, Pajaro Valley Bank Bldg., Watsonville, is preparing plans for a one-story reinforced concrete and steel store building to be erected in Pacific Ave. to replace structure recently destroyed by fire.

REDDING, Shasta Co., Cal.—Montgomery, Ward Co., Oakland, plans to establish retail store and distribution plant in this city.

HAYWARD, Alameda Co., Cal.—Carl Sorenson, 1253 A st., Hayward, at \$25,000 has contract to erect 1-story, 50x156 ft. auto salesroom at A and Castro sts. for Dan Daniels and W. G. Eighme, Buick agents.

THEATRES

Contract Awarded
THEATRE Cost \$—
SAN FRANCISCO, SW Chestnut and Steiner sts.
Two-story class A theatre building (1500 seating capacity).
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgomery st., S. F.
Lessees—Edward Barron and Carol A. Nathan, 221 Golden Gate ave., S. F.
Contractor—Industrial Const. Co. 815 Bryant st., S. F.

Sub-bids will be taken in ten days on the following: Sheet metal, excavating, reinforcing steel, structural steel, miscellaneous and ornamental iron, toilet partitions, glass, painting and decorating, finish hardware, damproofing, tile roofing, marble, roofing, mill work.

Plans Being Revised.
THEATRE Cost, Approx. \$150,000
SAN RAFAEL, Marin Co., Cal. NW Fourth and Loutens Place.
Two-story concrete and terra cotta theatre and store building (seating capacity 1500; 4 stores).
Owner—Jacob Albert, Fourth and B Sts., San Rafael.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Previously reported for a one-story building.

REDONDO BEACH, Los Angeles Co., Cal.—A. P. Lane, 1345 W. 3rd St., was awarded contract for all concrete, masonry and carpentry work at \$53,994 for a two-story Class A theatre, store and office building at Redondo Beach, for the Venice Improvement Co.; plans by John Paxton Perrine, 717 Lincoln Bldg., Los Angeles; the theatre will have a seating capacity of 2000, reinforced concrete construction.

Being Done by Day's Work
ADDITION Cost \$—
UKIAH, Mendocino Co., Cal.
Alterations and addition to present theatre building.
Owner—State Theatre (George M. Mann)
Architect—Norman R. Coulter, 46 Kearny st., San Francisco.
Mgr. of Const.—George M. Mann, N State st., Ukiah.

Contract Awarded.
THEATRE Cost, \$600,000
SACRAMENTO, Sacramento Co., Cal. J St., bet. 11th and 12th Sts.
Class A reinforced concrete theatre and store building (seating capacity 2500 2 stores).

Owner—Jos. A. Stephens, Sacramento.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Campbell Construction Co., 800 R St., Sacramento.

Contract awarded on a percentage basis. As soon as plans are completed sub-bids will be taken.

ST. HELENA, Napa Co., Cal.—Trustees of Pacific Union College, the Seventh Day Adventist Institution near here, will expend \$2200 in rebuilding pipe organ in auditorium building.

Plans Being Figured—Bids: Close Feb. 6.
THEATRE Cost, \$85,000
DAILY CITY, San Mateo Co., Cal.
 One-story steel frame and concrete theatre and store building (2 stores, theatre seating capacity, 1250).
 Owner—Jefferson Theatre, E. Baron and Carol Nathan, proprietors.
 Architect—C. H. Jensen, 605 Market St., San Francisco.

Plans Ready For Bids Feb. 3rd.
THEATRE Cost, \$150,000
REDWOOD CITY, San Mateo Co., Cal.
 Broadway, opp. Courthouse.
 Class A theatre (seating capacity 1500).
 Owner—Harc, Brewer & Clark, Inc., 130 University Ave., Palo Alto.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Lessee—E. J. Arkhust.

WHARVES AND DOCKS

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids wanted to construct pier; dredge; fill and bulkhead. Bureau of Yards and Docks, Navy Department, Washington, D. C.

SAN RAFAEL, Marin Co., Cal.—Golden Gate-San Rafael Ferry Co. (A. O. Stewart, president), 58 Sutter st., San Francisco, has purchased 30 acres of land at Point San Quentin on which the company will construct new ferry terminal including pier.

OAKLAND, Cal.—California Construction, 582 2nd st., San Francisco, at \$35,956 (Willite pavement) awarded cont. by City Port Commission to pave Grove st. pier.

OAKLAND, Alameda Co., Cal.—The following bids were received by City Port Commission for electrical wiring for light and power in Grove Street Pier sheds at the foot of Grove street:
 Scott-Buttner Electric Co., 19 Grand ave., Oakland,\$ 9987
 Latourrette-Fical Co., Oakland, 10,269
 H. C. Reid Co., S. F., 10,632
 Newbery-Pearce Elec. Co., S. F., 10,759
 Ne Page McKinney Co., Oakland, 10,788
 H. C. Heister, Oakland, 10,875
 Roberts Mfg. Co., Oakland, 12,880

SACRAMENTO, Cal.—Until Feb. 2, 5 P. M., bids will be received by H. G. Denton, city clerk, to furnish and install elevator at M street wharf. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Previous bids were rejected as being too high. Bids were: Pacific Elevator Co., 45 Rausch St., San Francisco, \$14,285; Otis Elevator Co., San Francisco, \$19,240.

MISCELLANEOUS BUILDING CONSTRUCTION

Preparing Working Drawings.
ADDITION Cost, \$225,000
SAN FRANCISCO, Golden Gate Park (Kearz Stadium).
 Owner—City & County of San Francisco
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Consulting Engineer—Thomas F. Chace, Shreve Bldg., San Francisco.

Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 ft. to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

Working Drawings Being Prepared.
MAUSOLEUM Cost, \$125,000
LODI, San Joaquin Co., Cal. Lodi Memorial Cemetery.
 Reinforced concrete mausoleum, interior of marble and bronze.
 Owner—North American Mausoleum Association.
 Architect—Jens C. Petersen, California State Life Bldg., Sacramento.
 Bids will not be taken for 60 days.

SAN FRANCISCO All bids received by Park Commissioners, Golden Gate Park, for the driving of approximately 400 concrete piles at the places designated by the Park Commissioners at Yacht Harbor on the Marina, were rejected as being too high. New bids will be advertised for in the future.

Sub-contracts Awarded
DORMITORY Cost approx. \$350,000
BERKELEY, Alameda Co., Cal. Rim road east of Greek Theatre and north of Stadium.
 Two, three, four, five, six and seven-story class A girls' dormitory (Bowles Dormitory).

Owner—University of California.
 Architect—Geo. W. Kelham, 315 Montgomery st., San Francisco.
 Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Plumbing and heating—The Turner Co., 329 Tehama st., S. F.
Electric wiring—Ne Page-McKenney Co., 128 10th st., Oakland.

Elevators—Otis Elevator Co., 1 Beach st., S. F.

Reinforcing steel Steel Service Co., 1280 Indiana st., S. F.

As previously reported, excavating awarded to J. Catucci, 1212 18th ave., Oakland.

SAN FRANCISCO—Following bids received by Standard Oil Co. of California, to construct 13,000-ton tanker:—Newport News Shipbuilding & Drydock Co., \$1,600,000 and 420 days to complete; Sun Shipbuilding Co., \$1,687,000 and 300 days; Bethlehem Shipbuilding Corp., \$1,739,000 and 499 days; Moore Drydock Co., \$1,875,000 and fifteen months; Los Angeles Shipbuilding Co., \$1,896,000 and 390 days; Brown Boveri, \$1,925,000 and 480 days.

CULVER CITY, Los Angeles Co., Cal.—Architect Paul R. Williams, 3829 Wilshire Blvd., Los Angeles, is preparing preliminary plans for a group of art and craft buildings to be erected on Washington Blvd., Overland ave., and Elenda Blvd., and to be known as the Culver Art and Craft Center, for the Harry H. Culver Co., Main st., Culver City, Charles E. Linblade, vice president; there will be 20 buildings in the group, containing studios and shops. French architecture, brick construction; cost \$200,000.

SANTA BARBARA, Cal.—Until Feb. 9, 2:30 P. M., bids will be received by E. B. Brown, city engineer, for painting grandstand, bleachers and fencing at Pershing Park. Cert. check 10% payable to Mayor req. with bid. Specifications obtainable from city engineer.

RENO, Nevada—Board of Prison Directors will have plans prepared at once for new death house at State Penitentiary. F. J. DeLongchamps, architect, Gazette Bldg., Reno, will probably prepare the plans.

BAKERSFIELD, Kern Co., Cal.—L. R. (Buck) Buchanan, Taft, is having plans prepared for a \$30,000 dance pavilion to be erected at n. e. 19th and V streets; 80 by 140 ft., with hardwood floor.

MARTINEZ, Contra Costa Co., Cal.—San Diego capitalists have taken option on 65-acre Teal Ranch in Ygnacio Valley at Meinert Station on which will be established a breeding farm for race horses. Approximately \$500,000 will be expended in improving the property.

RICHMOND, Contra Costa Co., Cal.—City Recreation Department is preparing plans for athletic clubhouse, baseball backstop, cinder paths etc., in Nichols Athletic Field near Civic Center.

SACRAMENTO, Cal.—Director of State Agricultural Society vote \$100,000 exhibit structure and repair and improvement program for building in State Fair grounds.

REDDING, Shasta Co., Cal.—Peoples' Mortuary, capitalized for \$25,000 has been incorporated in Redding to finance erection of a modern undertaking establishment. Four sites are under consideration for the structure which will cost \$20,000. Directors of the company are: Wm. Stephens, president, (a general contractor of Redding); Roy C. Weekley, Dr. R. H. Sheppard, Jos. Mercieri and Harry Glover.

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy will prepare estimates of cost to re-equip municipal incinerator at Army and DeHaro sts. The plant was constructed about 15 years ago but never used.

Additional Contracts Awarded
INTERIOR FINISHING Cost \$100,000
SAN JOSE, Santa Clara Co., Cal., First and Santa Clara sts.

Interior finishing for ten-story class A bank building (now under construction).

Owner—First National Bank of San Jose.
 Architect—Frederick H. Meyer, 742 Market st., S. F.

Marble—Vermont Marble Works, 214 Brannan st., S. F.

Cabinet work, glass and glazing, etc.—Pacific Mfg. Co., Monadnock Bldg., S. F.

As previously reported, general work awarded to R. O. Summers, 17 N-Fair st., San Jose; ornamental iron to Peerless Ornamental Iron Works, 1528 Polson st., S. F.; electrical work to Thomas Day Corp., 725 Mission st., S. F.; metal counters, etc., to J. L. Davidson, 632 Mateo st., Los Angeles.

SAN FRANCISCO—Bids are being received by Standard Oil Co., Standard Oil Bldg., to construct steel oil tank; 13,000 tons displacement; Diesel electric driven.

SAN FRANCISCO—G. W. Thomas Dray & Rigging Co., 559 Howard st., at \$3000 submitted low bid and was awarded the contract by Park Commissioners, Golden Gate Park, for the removal of the concrete piling now opposite the Beach Chalet on the Great Highway and delivery of the same to the breakwater at the Yacht Harbor on the Marina.

OAKLAND, Alameda Co., Cal.—The following bids were received by City Port Commission to fur. and del. (a) 30 pontoon pipe and (b) one pontoon elbow:

Steel Tank & Pipe Co. of Calif., 1100 Fourth st., Oakland, (a) \$4848; (b) \$200.
 Montague Pipe & Steel Co., Oakland, (a) \$5310; (b) \$193.

Pacific Coast Engineering Co., Oakland, (a) \$5360; (b) \$270.

Western Pipe & Steel Co., S. F., (a) \$5640; (b) \$224.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1134 Van Nuys Bldg., are preparing working plans for a Class C store and studio-shop building to be erected at the northwest corner of Sixth and Alexandria Sts. for Chapman Bros. It will be two stories and part three stories; dimensions, 155x100 feet, reinforced concrete walls.

RICHMOND, Contra Costa Co., Cal.—Bids are being taken by Petroleum Securities Co. (Frank R. Seaver, manager of construction), Richmond, for painting steel oil storage tanks in connection with \$2,000,000 distributing plant. Contract for tanks including erection has been awarded to Western Pipe & Steel Co. at approx. \$250,000.

MARTINEZ, Contra Costa Co., Cal.—Proposal has been advanced to convert waterfront area now being reclaimed east of the municipal wharf into a municipal airport.

OAKLAND, Alameda Co., Cal.—The following bids were received by City Port Commission to fur. and del. 71 ball joints:

Golden State Miners Iron Works, 249 First st., S. F., \$6045.

Pacific Diesel Engine Co., Oakland, \$7625.

Pacific Coast Engineering Co., Oakland, \$8525.

Union Machine Works, Oakland, \$8680.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

D-2740—Portable Pneumatic Boats. Newark, N. J. Manufacturers of a portable rubber boat, ten and one-half feet in length, which can be compactly folded into a canvas bag, total weight 35 lbs., are desirous of obtaining suitable sales representation in the state of California.

D-2741—Diesel Engines. St. Louis, Mo. Established builder of diesel engines of (Continued on page 23)

Engineering News Section

BRIDGES

SAN FRANCISCO — L. J. Cohn, 117 Montgomery st., at \$8880 awarded cont by Bd. Pub. Wks. to fur. and place steel tie rod anchors for 3rd st. and Channel st. Bridge. Other bids: M. B. McGowan, \$9634; Healy & Tibbitts, \$11,616.

CONTRA COSTA CO., Cal.—Richmond-San Rafael Bridge Co., Inc., and Richmond-San Rafael Ferry Co., failing in negotiations for the purchase of the ferry company now in operation, will seek a franchise to construct and operate a toll bridge across San Pablo Bay between Richmond and the Marine shore. Consideration of applications for such franchise will be considered at the Feb. 7 meeting of the Contra Costa County Supervisors. Roy O. Long of the Richmond-San Rafael Bridge Co. plans to const. a bridge from Point San Pablo to McNear's point in Marin county. Chas. Van Damme of the Ferry Co. proposed a bridge following closely the present ferry route between Richmond and Point San Quentin.

MARTINEZ, Contra Costa Co., Cal.—Engineering Department, Santa Fe Railroad, is preparing plans to reconstruct r. r. viaduct across Alhambra Valley immediately west of Muir Station; estimated cost \$220,000.

MARYSVILLE, Yuba Co., Cal.—Yuba County Supervisors adopt resolution requesting Sutter County Supervisors to unite with Yuba in the const. of a bridge 800 ft. in length across Bear River at Rio Oso; will have central span 100 ft. Each county to bear a one-half share of cost.

CARRVILLE, Trinity Co., Cal.—R. L. Stevens, Portland, Ore., at \$3350 awarded cont. by county to rebuild steel bridge over Coffee Creek at Carrville; will be 90 ft. span.

MONTREY COUNTY, Cal.—Until Feb. 9, 10 a. m., bids will be rec. by L. H. Gibson, district engineer, State Highway Commission, Bank of Italy Bldg., San Luis Obispo, to const. timber bridge of one 54-ft. span and four 1½-ft. spans, about 19 miles north of San Simeon. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—County Surveyor Geo. A. Posey preparing plans to rebuild "S" shaped bridge over Alameda Creek bet. Farwell and Brightside in Niles Canyon. Surveys are being made to reconstruct the steel and conc. bridge washed out at Brightside several years ago.

ALAMEDA COUNTY, Cal.—T. A. Homasini, Larkspur, Calif., has filed plans with Alameda County supervisors seeking franchise to const. 6½ mile vehicular bridge over San Francisco Bay from Albany, Alameda county to Tiburon, Marin county; est. cost, \$18,000,000. Will have clearance above high tide of 150 ft. Two large spans; one 1000 feet and one 800 ft. in length.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors plant const. of conc. protective wall along East Cliff Drive east of Del Mar bridge in order to retain the attractive line of direction of the drive between Del Mar and the old Houghton corner. County Surveyor Lloyd Bowman estimates cost at \$62,000.

SANTA ROSA, Sonoma Co., Cal.—Application has been filed with U. S. Engineer Office, Customhouse, San Francisco, by C. A. Nelson, 533 Alvarado St.,

San Francisco, seeking permit to const. two jetties at mouth of the Russian River. The jetties will be constructed to permit operations for power boats and light-draught vessels.

OAKLAND, Alameda Co., Cal.—The following bids were received by City Port Commission (a) to drive piles for pipe line trestle, and (b) power pole line in San Leandro Bay for account dredging operations:

Oakland Harbor Construction Co., Oakland, (a) \$7.75; (b) \$11.

M. B. McGowan, San Francisco, (a) \$7.98; (b) \$13.88.

Healy-Tibbitts Construction Co., S. F., (a) \$8.31; (b) \$12.

B. C. Gerwick, S. F., (a) \$11.20; (b) \$15.

A. W. Kitchen Co., S. F., (a) \$11.26; (b) \$20.

C. Koetitz, Oakland, (a) \$12.50; (b) \$16.

RICHMOND, Contra Costa Co., Cal.—United Dredging Co., 414 13th St., Oakland, at \$9.88 cu. yd. awarded cont. by city for dredging in Inner Harbor, involving 425,000 cu. yds.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids wanted to construct pier; dredge; fill and bulkhead. Bureau of Yards and Docks, Navy Department, Washington, D. C.

STOCKTON, San Joaquin Co., Cal.—According to word from Washington, D. C., \$320,000 is provided for improvements and \$20,000 for maintenance in connection with Stockton deep water project for the fiscal year beginning July 1, 1928.

IRRIGATION PROJECTS

OROVILLE, Butte Co., Cal.—Oroville-Wyandotte Irrigation District, R. C. Tyler, manager, will provide new siphon system on Drescher Ranch, involving 4000 ft. 1-in. pipe.

UKIAH, Mendocino Co., Cal.—Potter Valley Irrigation District, organized about a year ago to secure water from the Snow Mountain Power Co. to irrigate lands in that valley is preparing to proceed with the const. of irrigation works.

TURLOCK, Stanislaus Co., Cal.—Bids will be asked shortly by directors of Turlock Irrigation District for 651 ft. 26-in. conc. pipe line in Stanley Improvement District.

FIRST AID SUPPLIES

are desirable on every
industrial job

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

LIGHTING SYSTEMS

WHITTIER, Cal.—City plans reinf. conc. lighting posts system (8 standards), in Via Del Palma, bet. its easterly terminus and the east line of Painter ave.; 1911 act. Paul Gilmore, city clerk.

SAN LEANDRO, Alameda Co., Cal.—City Eng. J. B. Holly preparing spec. for metal electric lighting standards in Hollywood Blvd., Washington ave., and Beverly ave. Standards of Street Lighting and Equipment Co. of Calif.

MONROVIA, Cal.—City plans lighting system in Stedman pl. bet. Hillcrest blvd. and Oaks ave., etc., involv. reinf. conc. posts; 1911 act. Lewis P. Black, city clerk.

SAN LEANDRO, Alameda Co., Cal.—City Eng. Jesse B. Holly preparing spec. for electrolux systems in Hollywood Blvd., Washington Ave., and Beverly Ave., property owners having petitioned for the work.

BURBANK, Cal.—Until 7:30 P. M., Feb. 21, bids will be rec. for ornamental light system in Olive Ave., bet. Front St. and Glenoaks Blvd.; 1911 Act. F. S. Webster, city clerk.

MACHINERY AND EQUIPMENT

RICHVALE, Butte Co., Cal.—Until Feb. 21, 7:30 P. M., bids will be rec. by Mabel D. Harris, Secty., Drainage Dist., No. 100 of Butte County, to furnish one "General" Excavator, gas operated, 35 ft. boom, ½ yd. drag line bucket, to be paid for ¼ cash upon delivery, balance in two equal annual installments, after delivery. See call for bids under official proposal section in this issue.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 20, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to const. two ferry boats. Cert. check 10% payable to Chairman of Board of Suprs. req. with bid. Plans obtainable from County Surveyor F. E. Smith on deposit of \$10, returnable.

SAN FRANCISCO—Kiebler Motor Co., Polson and 10th sts., at \$5200 each awarded contract by Board of Supervisors to fur. and del. two motor driven 4-wheel tractors for Fire Department equipped with either Sewell or equal cushion wheels, or with artillery or disc wheels with pneumatic tires.

RICHVALE, Butte Co., Cal.—Until Feb. 21, 7:30 P. M., bids will be rec. by Mabel D. Harris, Secty., Drainage Dist., No. 100 of Butte County, to fur. one "P and H" Excavator, gas operated, 35 ft. boom, ½ ya. drag line bucket, to be paid for ¼ cash on delivery, balance in two equal annual installments, after delivery. See call for bids under official proposal section in this issue.

SOUTH PASADENA, Cal.—Until 2 P. M., Feb. 8, bids will be rec. by city to fur. traffic signals at two intersections. Spec. obtainable from city eng. Cert. check 10%. Nettie A. Hewitt, city clerk.

RAILROADS

EUREKA, Humboldt Co., Cal.—City plans to relay several blocks of track for municipal railway in Fifth St. John Griffiths, city supt. of public works.

MARTINEZ, Contra Costa Co., Cal.—See "Bridges" this issue. Santa Fe R. R. to reconstruct viaduct across Alhambra Valley.

NAPA. Napa Co., Cal.—Western Pacific R. R. will seek authority from Interstate Commerce Commission to extend lines from a point at or near Willotta to Petaluma via most practical route to the end that a through all-rail connection may be provided, thus establishing competition as between the Santa Fe and Southern Pacific, jointly owning the Northwestern Pacific R. R. running the entire length of Sonoma county, on the one hand and the Western Pacific and its allied lines on the other hand.

PHOENIX, Ariz.—Claude Fisher, Chamber of Commerce Bldg., Los Angeles, sub. low bid to city to re-habilitate municipal street railway system for which bonds of \$750,000 were recently voted. Bids have been referred to City Mgr. Henry Rieger for tabulation.

RICHMOND, Contra Costa Co., Cal.—Golden Gate Ferry Co., 58 Sutter St., San Francisco, is reported to contemplate the const. of an electric interurban line to invade the Northbay section.

SUSANVILLE. Lassen Co., Cal.—Red River Lumber Co. is making surveys for logging railroad from Susanville to tap company's holdings to the north and west of Susanville.

PHOENIX, Ariz.—City Manager Henry Rieger recommends to city that the bid of Claude Fisher, Chamber of Commerce Bldg., Los Angeles, for rehabilitation of municipal railway system be accepted. The gross aggregate of his bid is \$592,921.05 except cross ties and angle bars to be furnished by the city from the lowest bid on these items, viz. \$22,092.87. Schmidt & Hitchcock of Phoenix submitted the only other complete bid, at \$706,381.34. The total cost of the work under Fisher's bid will be \$614,113.92. To this is to be added \$15,500 for constructing overhead system. The contract will be awarded this week.

FIRE ALARM SYSTEMS

EUREKA, Humboldt Co., Cal.—Mayor A. W. Way recommends installation of \$60,000 fire and police alarm system to replace present antiquated system. J. Walter Kildale is city clerk.

FIRE EQUIPMENT

EUREKA, Humboldt Co., Cal.—City council plans purchase of motorized fire fighting apparatus and equipment. A. Walter Kildale, City clerk.

MODESTO. Stanislaus Co., Cal.—City plans to purchase ladder truck with extension ladders sufficient to reach four stories. H. E. Gragg, city clerk.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Until Feb. 14, 11 a. m., under Proposal No. 353, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. 5 miles of 2 1/2 round hard drawn copper trolley wire for Municipal Railway system. Further information obtainable from above office.

RESERVOIRS AND DAMS

BEVERLY HILLS, Cal.—Until 8 P. M., February 14th, new bids will be rec. by city for alternate bids to const. underground water reservoir of 7,250,000 gals. capacity of reinf. conc. const. with arch rib arch roof, covered with soil which will be landscaped. The design of this reservoir will follow the William Thomas System patents which have been ceded to the city for this job. These patents contemplate pre-cast arches swung into place according to patented methods. Alternate type of construction will be for flat slab and girder. The dimensions will be 200x300 ft. roughly, 12 to 18 ft. in depth of rectangular shape. Excavation will involve 30,000 cu. yds. Location of job, corner Coldwater Canyon Road and Coldwater Canyon Bridge Path. Est. cost, \$110,000. Plans obtainable from engineers,

Salisbury, Bradshaw & Taylor, 714 W. 10th St., on deposit of \$10, returnable. Cert. check, 10%.

CALAVERAS COUNTY, Cal.—See "Tower Plants," this issue. Dam, power house and transmission contemplated for power project by L. B. Rouse.

PIPE LINES, WELLS, ETC.

SAN GABRIEL, Cal.—Until Feb. 7, 7 p. m., bids will be rec. by Lupie Garcia, secy., San Gabriel County Water District, to drill 26-in. well. Spec. obtainable from secy., 106 N-San Gabriel Blvd., San Gabriel.

WATER WORKS

SACRAMENTO, Cal.—Until Feb. 14, informal bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to const. water system at State Fair Grounds, Sacramento; estimated cost, \$20,000. Plans obtainable from above office.

ST HELENA, Napa Co., Cal.—Trustees of Pacific Union College, the Seventh Day Adventist educational institution near here, will expend \$3000 in the const. of a water system.

SAN RAFAEL, Marin Co., Cal.—Engineering Department, Marin Municipal Water District, 468 4th st., is preparing plans for the following improvements to be undertaken during the current year: two storage tanks in connection with Doherty system in Corte Madera and installation of new pumping system; 200,000-gal. steel tank in hills near Fairfax; 12-in. c. i. pipe line from Lake Lagunitas to Phoenix Gate House, cost approx. \$15,000; new concrete spillway at Phoenix Lake dam; 200,000-gal. steel tank to serve Belvedere district.

COSTA MESA, Cal.—Until Feb. 21, 7:30 p. m., bids will be rec. by D. J. Dodge, secy., Newport Mesa Irrigation District, to fur. and install turbine pump in well in Santa Ana River Valley, 2 miles west of Costa Mesa. Spec. obtainable from secy.

OAKLAND, Cal.—Byron-Jackson Pump Mfg. Co., Berkeley, at \$4776 awarded cont. by City Port Comm. to fur. and install automatic hydro-pneumatic pumping plant at Municipal Airport.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 6, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to drill well, const. conc. floor slab and enclosure and switchboard and motor housing and fur. and install pumping plant and uressure tank at Yosemite Lake Park. Cert. check 10 per cent payable to city auditor rec. with bid. Plans obtainable from W. B. Hogan, city eng.

SANTA MARIA, Cal.—Lane & Bowler, Los Angeles, at \$1630 awarded cont. by city to fur. soft water pump for water system. Other bids: Pomona Pump Co., \$1740; Peerless Pump Co., \$1855; Byron-Jackson, \$1938; Kimball Pump Co., \$2160; Sterling Pump Co., \$2195.

SACRAMENTO, Cal.—As previously reported, bids will be rec. Feb. 14 by State Department of Public Works, Division of Architecture, Forum Bldg., to construct water system at State Fair grounds. Project involves: 5400 lin. ft. 6-in., and 5000 lin. ft. 4-in. c. i. pipe; 1800 tt. 3-in. to 4-in. wrought steel pipe; four 6-in. hydrants; four 4-in. hydrants (wharf type); 24 large size gate valves; 14 small size gate valves. Plans obtainable from above. Geo. B. McDougall, state architect.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—City Recreation Department is preparing plans for athletic clubhouse, baseball backstop, under paths, etc., in Nichols Athletic Field near Civic Center.

SANTA BARBARA, Cal.—Until Feb. 16, 2 p. m., bids will be rec. by Carl E. Hasse, city purchasing agent, to fur. and del. playground equipment as follows: 1 ball-bearing giant stride, Hill Standard Co.'s No. 221, or similar type; 1 all-steel spiral slide, Hill Standard Co.'s No. 484 or similar type; 1 four-board saw, Hill Standard Co.'s No. 230 or similar type; 1 Cellar door slide, Hill Standard Co.'s No. 490 or similar type; 1 Barrel-of-Fun, Hill Standard Co.'s No. 290 or similar type; 2 buoys, Hill Standard Co.'s No. 1000 or similar type. Further information obtainable from above. Cert. check or bidders' bond 10 per cent payable to Mayor req. with bid.

SAN FRANCISCO—Board of Supervisors rejects proposal to issue bonds of \$5,000,000 to finance purchase of sites and improvements for playground purposes. It was proposed to submit the issue in May. The proposition, however, will probably be submitted later in the year.

SEBASTOPOL, Sonoma Co., Cal.—West Coast Nursery Co., San Francisco, commissioned by city trustees to prepare specifications for city park development. The work will extend over a period of years as funds are available.

CHICO, Butte Co., Cal.—City Board of Education has approved plans for general landscape work at Paradise school involving shrubs, trees and lawns. Plans were prepared by George Peterson, local nurseryman. Chas. Camper is supt of schools.

STOCKTON, San Joaquin Co., Cal.—City Manager Chas. Ashburner preparing specifications for improvements in Yosemite Lake Park. A. L. Banks is city clerk.

EL CERRITO, Contra Costa Co., Cal.—City Engineer Ross L. Calfee, 221 S-22nd St., Richmond, is preparing specifications for additional playground equipment to be installed in municipal playground and park. The playground movement is sponsored by the El Cerrito Lions Club.

SEWERS AND STREET WORK

MOUNTAIN VIEW, Santa Clara Co., Cal.—City declares inten. (1) to imp. portions of Washington, Mercy, Latham Sts., Ehrhorn Ave., etc., involv. 14,400 cu. yds. grading excavation; 530,200 sq. ft. grading surface; 530,200 sq. ft. 2 1/2-in.

H A M P T O N

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

asph. base, 1½-in. Warrenite-Bit. pave.; 5000 lin. ft. conc. curb; 450 sq. ft. conc. gutter; 1214 lin. ft. conc. pipe storm drain; 2 conc. catchbasins; 1 manhole; 24 lin. ft. corr. culvert; 1792 lin. ft. corr. seg. culvert; 62 wyes on seg. culvert; 428 lin. ft. conc. headwalls and apron; 1010 ft. 6-in., 5950 ft. 4-in. c. i. mains; 7 six-inch and 27 four-inch gate valves; 17 hydrant risers; 4800 lbs. c. i. fittings; 3500 lin. ft. ¾-in. copper service pipe; 1911 Act, Bond Act 1915. Protests Feb. 15. C. C. Kennedy, Call Bldg., San Francisco, engineer. B. L. Hays, city clerk.

PITTSBURG, Contra Costa Co., Cal.—County Surveyor R. R. Arnold making surveys to reconstr. several miles of highway in Pittsburg; est. cost, \$60,000. Work contemplated includes approaches from east and west to new Pittsburg High School; imp. of Colombia Ave. and Harbor St. and extension to Antioch Rd.

CARSON CITY, Nevada—Dodge Bros., Inc., Fallon, Nev., at \$74,076 (eng. est. \$90,389) awarded cont. by State Highway Comm. to const. 20 mi. highway bet. Millers and Tonopah, involv. grade; gravel surface. Coolidge & Scott, next low at \$81,761 and J. N. Tedford, \$94,741. Calif. Corru. Culvert Co., West Berkeley, at \$1515 awarded cont. for culverts.

STANISLAUS COUNTY, Cal.—Until Feb. 9, 2 P. M., bids will be rec. by State Highway Comm., 414 Highway Bldg., Sacramento, to grade and pave with asph. conc. 20 ft. wide and 5 in. thick, 0.2 mi. north of Ceres. R. E. Pierce, acting district engineer. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—California Constr. Co., 582 2nd St., San Francisco, at \$35,956 awarded contract by City Port Commission to pave Grove street pier (Willite pavement).

SAN FRANCISCO—Board of Supervisors will ask bids at once for sale of \$2,500,000 worth of bonds recently voted to finance const. of boulevards in various sections of the city. Bids will be considered Feb. 27.

SAN FRANCISCO—Bids will be asked within the next ten days by Board of Public Works to const. sewers in Golden Gate Heights District; est. cost, \$50,000. M. M. O'Shaughnessy, city engineer.

SAN FRANCISCO—Board of Public Works has requested supervisors to provide \$2,500,000 by the sale of bonds for boulevard construction in various sections of the city. M. M. O'Shaughnessy, city eng.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Government projects contemplated. Funds provided.

OAKLAND, Cal.—City declares inten. to imp. portions of Longridge Rd. and Clarendon Crescent, involv. conc. gutter; storm drain water system involv. conc. box culvert with relnf. top, conc. handhole with c. i. cover, vit. pipe conduit and brick manhole with c. i. top. 1911 Act. Protests Feb. 16. Frank C. Merritt, city clerk. Geo. Randle, city eng.

FORT BRAGG, Mendocino Co., Cal.—City trustees contemplate paving various streets. Representatives of the Shell Oil Co. are in conference with the trustees regarding oiling or asphaltum pavement.

SAN CARLOS, San Mateo Co., Cal.—Town trustees start proceedings for pave. curbs and walks in section from Singer ave. to Oak Park.

OAKLAND, Cal.—Until Feb. 16, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. Union st. from lot 42, Surryhne Tract, to 26th st., involv. grade; pave; sewers; manholes; catchbasins; conduits. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

FRESNO, Fresno Co., Cal.—City declares inten. (71-D) to imp. portions of Washington ave., North Fourth st., No. Third st., etc., involv. grade and regrade; cem. conc. walks; curbs, corr. metal culverts; manholes. 1911 act, bond act 1915. Protests Feb. 16. H. S. Foster, city clerk; A. M. Jensen, city eng.

OCEANSIDE, Cal.—Until 7:30 p. m., Feb. 8, bids will be rec. to imp. Pacific st. from Wisconsin ave. to Eaton st., etc., involv. 58,782 cu. yds. excav; 133,965 sq. ft. 2½-in. oil macadam resurfacing; 203,962 sq. ft. 5-in. conc. pave; vit. sewers; c. i. water pipe; curbs, gutters, etc.; est. cost \$142,000. R. L. Loucks, city eng; J. H. Landes, city clerk.

FRESNO, Fresno Co., Cal.—See "Schools" this issue. Bids opened by Board of Education for grading, walks, curbs etc., at Edison Technical school and Roosevelt High school.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Const. Co., Watsonville, at \$6671 awarded cont. by city to imp. Bixby st. bet. Barton st. and Cliff drive, involv. 5-in. conc. pave; conc. walks, curbs, driveway approaches; vit. clay sewer pipe laterals; wrought iron pipe water services; conc. meter boxes.

PLACERVILLE, El Dorado Co., Cal.—Feb. 13 is date set by city trustees to vote bonds of \$45,000 to finance street improvements.

EUREKA, Humboldt Co., Cal.—City will start proceedings at once to pave (asph. conc.) all unpaved streets in downtown section including const. of conc. storm sewer in C St. John Griffiths, City Supt. of Public Works.

OAKLAND, Cal.—Until Feb. 12, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. cem. sidewalks in portions of Hopkins St. 1911 Act. Cert. check 10% payable to city req. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Until Feb. 16, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. cem. sidewalks in portions of E-Ninth St. and Lisbon Ave. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Until Feb. 16, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. cem. walks in portions of E-14th St. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Until Feb. 16, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. cem. sidewalks in portions of East 33rd St. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—City will start proceedings at once to imp. Excelsior Ave., bet. Lakeshore Ave. and Park Blvd., involv. widen and pave from 32-ft. to 54-ft. Alameda county will pay \$45,000 and city of Oakland \$40,000 of the total cost. The paving cost will be assessed to property owners. Geo. N. Randle, Oakland city eng.; Geo. A. Posey, Alameda county surveyor.

SANTA BARBARA, Cal.—Until 2 P. M., Feb. 9, bids will be rec. to imp. Laguna St., bet. Cota and Haley Sts., involv. grading, comb. curb and 3 ft. gutter, conc. driveways, conc. catchbasin; 1911 Act. S. B. Taggart, city clerk.

OAKLAND, Cal.—Central Const. Co., Oakland Bank Bldg., Oakland, awarded cont. by city to imp. Huntington St., bet. Harbor View Ave. and Tompkins Ave., involv. grade, \$0.0475 sq. ft.; conc. curb, \$1.75 lin. ft.; conc. pave., \$2.3 sq. ft.; cem. walks, \$1.7 sq. ft.; 8x24-in. corr. iron and conc. culvert, \$1.80 lin. ft.; handhole, \$25 each.

PALO ALTO, Santa Clara Co., Cal.—Until Feb. 14, bids will be rec. by E. L. Beach, city clerk, to const. cem. conc. or vit. clay pipe storm sewers, etc., in portions of Oxford Ave., Darmouth St., Cambridge Ave., etc., under Res. of \$nten. 606, involv. 4900 ft. 10-in., 12,425 ft. 12-in., 10,486 ft. 15-in., 2286 ft. 18-in., 1022 ft. 21-in., 1929 ft. 24-in., and 1614 ft. 30-in. pipe; 80 manholes and 195 catchbasins. Estimated cost, \$56,158; 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. J. F. Byxbee Jr., city engineer.

FRESNO, Fresno Co., Cal.—City declares inten. (71-D) to imp. portions of Washington Ave., North 2nd, North 3rd Sts., etc., involv. 81,610 sq. ft. grading; 18,866 sq. ft. 3½-in. sidewalks; 3682 lin. ft. curb; 510 sq. ft. conc. driveway approaches; 243 lin. ft. 8-in. full circle corr. culvert; 6 culvert manholes; 12 culvert bulkheads. Est. cost, \$8700. 1911 Act, Bond Act 1915. Protests Feb. 16. A. M. Jensen, city eng. H. S. Foster, city clerk.

FRESNO, Fresno Co., Cal.—City declares inten. (71-D) to imp. portions of Washington Ave., Nevada Ave., involv. grade and regrade; cem. walks; curbs and driveway approaches; corr. metal culverts; conc. bulkheads. 1911 Act, Bond Act 1915. Protests Feb. 16. H. S. Foster, city clerk. A. M. Jensen, city engineer.

CORCORAN, Kings Co., Cal.—Calif. Rd. and St. Imp. Co., Fresno, awarded cont. by city (41-C) to imp. Whitley Ave., bet. Van Dorsen Ave. and Letts Ave., involv. 164,000 sq. ft. grading; 164,000 sq. ft. 3½-in. asph. base, 1½-in. Warrenite-Bit. surface; cem. conc. curbs, gutters, walks and driveway approaches; corr. metal culverts.

BAKERFIELD, Kern Co., Cal.—City Eng. W. D. Clarke preparing spec. to pave 24th St., bet. H and Oak Sts.

February 1, 1928

PLANNED

OAKLAND, Cal.—City declares inten. to imp. Martin St., Avala Ave., Herman St. and 58th St., involv. grade; curbs; gutters; pave; manholes; storm water inlets; conduit. 1911 Act. Protests Feb. 16. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., Oakland, awarded cont. by city to imp. 68th Ave., bet. Foothill Blvd. and Trenor St., involv. excavation, \$1.25 cu. yd.; conc. curb, \$1.75 lin. ft.; conc. gutter, \$2.5 sq. ft.; 3½-in. asph. conc. base, 2½-in. asph. conc. surface pave., \$2.4 sq. ft.; cem. walks, \$1.75 sq. ft.; 2-ft. 6-in. by 3-ft. conc. culvert, \$6.23 lin. ft.; conc. curtain wall, \$1 cu. ft.; manholes, \$75 ea.; conc. inlets, \$60 ea.; 8-in. sewer, \$1.67 lin. ft.; lampholes, \$25 ea.; wye branches, \$1 ea.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 114 Highway Building, Sacramento, California, until 2 o'clock P. M., February 9, 1928, at which time they will be publicly opened and read, for performing work as follows:

In Stanislaus County, north of Ceres (X-Sta-4-A) about two-tenths (0.2) mile in length to be graded and paved with Asphaltic Concrete Pavement twenty (20) feet wide by five (5) inches thick.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,

R. M. MORTON,

State Highway Engineer.

By R. E. PIERCE,

Acting District Engineer, Dist. X.

NOTICE CALLING FOR BIDS

("General" Excavator)

Notice is hereby given by the Board of Directors of Drainage District No. 100 of Butte county that said board will receive bids for the furnishing of one "General" Excavator, gas operated, 35-ft. boom, one-half yard drag line bucket, to be paid for one-third cash upon delivery, balance in two equal annual installments, after delivery.

Said bids will be received and opened at a special meeting of the Board of Directors of said District, to be held in Richvale, Butte county, California, on February 21st, 1928, at 7:30 o'clock p. m. All bids should be in writing and sealed. The board reserves the right to reject any and all bids.

BOARD OF DIRECTORS OF DRAINAGE DISTRICT NO. 100 OF BUTTE COUNTY.

LOUIS ANDERSON, President.

MABEL D. HARRIS, Secretary.

GEORGE F. JONES, Attorney for Drainage Distr. No. 100 of Butte County.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on February 23, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway as follows:

San Diego County, between three miles southeast of Pine Valley and Buckman Springs (VII S.D.-12-E), about two (2) miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangement for joint field inspection be made as far in advance as possible. Detailed information concerning work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
R. M. MORTON,
State Highway Engineer.
Dated: January 25, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Bank of Italy Building, San Luis Obispo, California, at 10:00 o'clock A. M., February 9th, 1928, at which time they will be publicly opened and read, for performing work as follows:

MONTEREY COUNTY

Construction of a timber bridge of one 54' span and four 13½' spans, about 19 miles north of San Simeon, road V-Mon-56-A.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS AND BRANCHISTS

ARTHUR PRIDDLE, A. I. Q. S.

603 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

R. M. MORTON,

State Highway Engineer.

By L. H. GIBSON,

District Engineer, Dist. V.

Dated: January 27th, 1928.

NOTICE TO CONTRACTORS

(Ferndale Union High School District)

Notice is hereby given that sealed bids will be received by the Board of School Trustees of the Ferndale Union High School District of Ferndale, Humboldt County, at the High School building on or before February 21, 1928, at 7:00 P. M. for the construction of a gymnasium building.

Plans and specifications for this work may be obtained by general contractors from Newton Ackerman, Architect, Fourth and Commercial Sts., Eureka, California. A deposit of \$20 shall be made on each set to guarantee safe return.

Each bid must be accompanied by a certified check equal to not less than 2% of the bid as a guarantee that the bidder will enter into a contract and furnish the required bond within ten days of the award.

The said School Board reserves the right to reject any or all bids.

CHEVALIER M. TURNER,

Clerk of the Board of School Trustees, Ferndale Union High School District, Ferndale, Humboldt County, Calif.

NOTICE CALLING FOR BIDS

(P And H Excavator)

Notice is hereby given by the Board of Directors of Drainage District No. 100 of Butte County that said board will receive bids for the furnishing of one "P & H" Excavator, gas operated, thirty-five foot boom, one-half yard drag line bucket, to be paid for one-third cash upon delivery, balance in two equal annual installments, after delivery.

Said bids will be received and opened at a special meeting of the Board of Directors of said District, to be held in Richvale, Butte County, California, on February 21st, 1928, at 7:30 o'clock P. M.

All bids should be in writing and sealed. The Board reserves the right to reject any and all bids.

Board of Directors of Drainage District No. 100 of Butte County.

LOUIS ANDERSON,

President.

MABEL D. HARRIS,

Secretary.

GEORGE F. JONES,
Attorney for Drainage District No. 100 of Butte County.

NOTICE TO CONTRACTORS

(Finish Hardware—Kern General Hospital)

Notice is hereby given that sealed bids will be received by the Board of Supervisors, County of Kern, Bakersfield, California, up to 11 o'clock A. M., February 20, 1928, for furnishing of finish hardware for the addition to the Kern General Hospital, Bakersfield, California, in accordance with the plans and specifications prepared by and under the supervision of Charles H. Biggar, Architect, Bakersfield, California.

Plans and specifications for same may be obtained at the office of the Architect upon deposit of Twenty Dollars, which

will be returned upon receipts of the said plans and specifications in good order at the time designated by the Architect.

A certified check or bidder's bond in the amount of ten per cent of amount bid is to be to the order of the Clerk of the Board of Supervisors as evidence of good faith, and that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient surety bonds with an approved surety company, therefor.

Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted January 23rd, 1928.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

(Refrigerating Plant Equipment — Mare Island Navy Yard)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals in the near future on Specification No. 5523, "Equipment for Refrigerating Plant, Navy Yard (Marine Barracks), Mare Island, California." The work includes motor driven compressor, motor driven brine pump, motor for existing agitator, automatic thermostatic control equipment, switchboard, wiring and piping to complete refrigerating system.

Any firms to whom this work is of interest should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded to them as soon as available.

Prospective bidders on the west coast should make application for the bidding data to the Navy Yard, Mare Island, California.

NOTICE TO CONTRACTORS

(Distribution Line)

Notice is hereby given that sealed bids for rebuilding a Secondary distribution line for the Tri-County Tubercular Hospital located at Ahwahnee, Madera County, California, will be received by the Tri-County Hospital Committee at their office in the Tri-County Tubercular Hospital at Ahwahnee, Madera County, California, up to the hour of 1 o'clock P. M. of Saturday, February 11, 1928.

According to plans and specifications approved and adopted by said Committee on November 12, 1927, and are on file at the offices of the County Clerks of Madera, Merced and Stanislaus Counties and also at the Office of the Tri-County Tubercular Hospital Committee at Ahwahnee, Madera County, California, to which bidders are hereby referred.

The Committee reserves the right to reject any and all bids.

Dated: January 14th, 1928.
V. D. WHITMORE,
Chairman, Tri-County Tubercular Hospital Committee.

NOTICE TO BIDDERS

(Modesto Irrigation District—Stanislaus County)

Sealed proposals will be received at the office of the Modesto Irrigation District at Modesto, Cal., until two o'clock p. m., on the 20th day of February, 1928, for furnishing and delivering to the Modesto Irrigation District supplies designated herein under Items No. E-8, E-9 and E-10. Bids will be received on any or all of the following items:

ITEM: No. E-8: Proposal for furnishing and delivering Electric Water Meters to the Electric Department of the Modesto Irrigation District, Modesto, Cal.

ITEM: No. E-9: Proposal for furnishing and delivering Distribution and small transformers to the Electric Department of the Modesto Irrigation District, Modesto, Cal.

ITEM: No. E-10: Proposal for furnishing and delivering Petroleum Products to the Modesto Irrigation District, Modesto, Cal.

Proposal blanks and detail specifica-

tions can be obtained from the secretary of the Modesto Irrigation District.

Contract will be let to the lowest responsible bidder, but the Board of Directors reserves the right to reject any or all bids.

Each proposal must be accompanied by a certified check or bidder's bond for 5 per cent of the amount of the bid, payable to the Modesto Irrigation District, as a guaranty that the bidder will, if successful, execute a contract within 10 days of notice of award and furnish a satisfactory bond of not less than 20 per cent of the contract price for the faithful performance of the work in accordance with the specifications, and a bond for 50 per cent, as provided in Chapter 303 of the Statutes of 1919 of the State of California, said bonds to be approved by said board.

The proposal must be marked "as directed in each separate specification," and addressed to "Secretary, Modesto Irrigation District, Modesto, Cal."

Done in pursuance of an order of said Board of Directors of the Modesto Irrigation District, this 16th day of January, 1928.

MODESTO IRRIGATION DISTRICT,
By H. G. Jacobsen, president.
By C. S. Abbott, secretary.

NOTICE INVITING BIDS

(San Joaquin and Stanislaus Counties—Bridge)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton, until 11:00 o'clock A. M., Tuesday, February 14, 1928, for the construction of a steel and timber bridge over the Stanislaus River. The bridge to be constructed under these plans and specifications is situated at the site of the Burneyville Ferry in Section 24, T. 2 S., R. 9 E., M. D. B. & M., and just north of Riverbank, California. The bridge is a joint bridge between Stanislaus County and San Joaquin County, California, each county to pay for one-half of the cost of construction.

All in accordance with the plans and specifications prepared by F. E. Smith, County Surveyor of San Joaquin County, and approved by J. H. Hoskins, County Surveyor of Stanislaus County, and adopted and filed by the Boards of Supervisors of San Joaquin and Stanislaus Counties on January 9, 1928, and to which bidders are more particularly referred.

All bids must be made on forms to be obtained from the County Surveyor's office in San Joaquin and Stanislaus Counties and presented in sealed envelopes marked to indicate the contents and addressed to the Clerk of the Board of Supervisors at Stockton, California.

All proposals must be accompanied by United States currency or certified check, or cashier's check made payable to the Chairman of the Board of Supervisors of San Joaquin County in the sum of 5% of the amount of the bid.

A bond of 25% of the contract price will be required of the successful bidder to guarantee the faithful performance of said contract, and a like bond to guarantee the faithful payment and satisfaction of the lawful claims of all persons for labor and material furnished in the prosecution of said contract.

A deposit of \$10.00 will be required on all sets of plans taken out.

The Board reserves the right to reject any or all bids.

By order of said Board of Supervisors of San Joaquin County made January 9, 1928.

EUGENE D. GRAHAM,
County Clerk and Ex-Officio Clerk of the Board of Supervisors of San Joaquin County.

By F. L. STRONG,
Deputy County Clerk.

NOTICE TO BIDDERS

(C. I. Pipe—Eureka, Calif.)

Sealed proposals or bids are hereby invited by the Council of the City of Eureka, California, for the use of the Water Department, for furnishing Five Thousand (5000) lineal feet of eight (8) inch Class "B" Cast Iron Pipe with Bell and Spigot joints, f. o. b. wharf, Eureka, California, delivery to be made not

sooner than sixty days or later than ninety days after award of contract.

The said bids will be received in sealed envelopes marked Bids for Cast Iron Pipe, at the office of the Superintendent of Public Works of the City of Eureka, at 524 D Street, Eureka, California, up to hour of 5 o'clock P. M., Tuesday, February 7th, 1928.

Bids will be opened by the City Council of the City of Eureka at eight o'clock P. M., on Tuesday, February 7th, 1928. The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works.

BUSINESS OPPORTUNITIES

(Continued from page 18)

national reputation, offers a very complete line of four-cycle full Diesel engines for both stationary and marine services, and is interested in securing adequate sales representation on the Pacific Coast. D-2742—Hand-Forged Automotive Tools and Equipment. Grafton, Wis. Manufacturers of hand-forged automotive tools and equipment are seeking representation in the Pacific Coast territory.

D-2744—Hotelware, Enamelware and Sundry Institution Silver Services and Supplies. New York, N. Y. Manufacturers are entering an extensive direct selling campaign to institutions, with a high-grade line of hotelware, enamelware and sundry institution supplies, and desires to secure the services of a suitable salesman in this territory.

D-2745—Furniture. Rockford, Ill. Wholesale furniture manufacturers are seeking a commission salesman to represent them in the Pacific Coast states.

D-2746—New York Representation. New York, N. Y. Selling and merchandising organization wish to put on the market one meritorious product in addition to those which they already handle. They prefer one of the following lines: hardware, automotive equipment, electrical supplies, musical instruments, or sporting goods.

D-2747—Artists' Supplies and Materials. New York, N. Y. Organization wishes to get in touch with San Francisco wholesale firms dealing in artists' supplies and materials, such as artists' pencils, crayons, etc.

12632—Wood Carving, Library Requisites, Brass and Copper Work and Novelties. Srinagar, India. Old established exporters of Indian products, such as those listed above, desire to get in touch with San Francisco importers of that type of merchandise. Further particulars on file with the Foreign and Domestic Trade Department.

12633—Used Railway Equipment. Vancouver, B. C. An engineering supplies company are in the market for a quantity of used railway equipment, such as freight locomotives, flat cars, box cars, dump cars, wood unloader, wrecking crane, steam shovel, hand and push cars, track jacks, tools, etc. Complete list is on file with the Foreign and Domestic Trade Department, San Francisco Chamber of Commerce.

12636—Hemp. Guadalajara, Mexico. Party wishes to establish connections with producers or exporters of hemp.

12637—Tampico and Bassino Tiber. Los Angeles, Cal. Party is in the market for Tampico and Bassino fibers and desires to hear from firms importing these fibers.

12638—Central and South American Representation. San Francisco, Cal. Man with broad experience in Latin America and speaking Spanish fluently is shortly leaving for Central and South America as representative of two local firms. He would like to add several accounts of local manufacturers to his list. Commission arrangement.

D-2749—China Clay and Kindred Material. Mill City, Nev. Party wishes to get in touch with manufacturers or users of china clay, or other types of clay or non-metallic materials, for chinaware, porcelain, or enameling.

Carl A. Johnson has filed suit at Martinez for damages of \$10,421 against the California Construction Co., San Francisco paving contractors, for injuries he received in Richmond when he fell into a ditch around which he alleges no warning lights had been placed.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Am't.
200	Aronson	Robinson	1000
203	Italy	Owner	2000
204	Market	Jenkins	1000
205	Pacific	Villadsen	50000
206	Saint	Johnson	3000
207	Sequine	Owner	4000
208	Cassisi	De Martini	4860
209	Draeger	Jessiman	5500
210	Grant	Owner	9000
211	Nastovic	Owner	5000
212	Ohlsen	Owner	4000
213	Stoneson	Owner	10000
214	Schultz	Schultz	7000
215	Barrett	Barrett	1000
216	Baldocchi	Owner	5000
217	Masarie	Owner	6500
218	O'Hair	Barrett	4000
219	Sherard	Owner	3500
220	Anderson	Owner	3500
221	Buckley	Owner	3000
222	Castle	Horn	4500
223	Castle	Horn	12000
224	Castle	Horn	1000
225	Fetz	Owner	2000
226	Hall	Rench	8000
227	Hantaran	Owner	1500
228	Hale	MacDonald	8000
229	Rench	Owner	4000
230	Quistad	Owner	3000
231	Vigen	Owner	8800
232	Benederet	Barrett	2000
233	Bartlet	Swift	4000
234	Grant	Nastovic	4500
235	Gregory	Chandler	3000
236	Native Daughters	Barrett	84000
237	Rose	Rose	4000
238	Sagrov	Owner	5000
239	Sergo	Owner	3500
240	Storheim	Owner	17000
241	D'Angulo	Owner	3200
242	Anderson	Owner	6000
243	Castle	Horn	4000
244	Same	Same	8000
245	Elkington	Owner	4000
246	Jacelyn	Owner	3000
247	Same	Same	3000
248	Lavitt	Owner	1000
249	Pasqualetti	Owner	7000
250	Stempel	Owner	26000
251	Webb	Owner	1100

DWELLING
(199) E 15TH AVE. 59 N Santiago; 1-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval.
Architect—None. \$1000

REMODEL
(200) 18 FIRST ST; remodel and alter stores.
Owner—A. Aronson, Merchants Exchange Bldg.
Architect—None.
Contractor—Robinson & Gillespie, 1051 Sutter st. \$1000

DWELLING
(201) W 16TH AVE. 33.6 N Ulloa; 1-story and basement frame dwelling.
Owner—C. M. Brown & Son, 1328 30th avenue.
Architect—None. \$5000

DWELLINGS
(202) SE SEARS 305 and 330 NE Sicksles, two 1-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce st.
Architect—None. \$3800 each

REMODEL
(202) 4649 MISSION ST., remodel store to enlarge banking quarters.
Owner—Bank of Italy, 550 Montgomery.
Architect—H. A. Minton, 550 Montgomery street. \$2000

DWELLING
(201) 2332 SAN JOSE AVE., dwelling to be moved back to new property line.

Owner—Market Street Ry Co., 58 Sutter street.
Architect—None.
Contractor—Jenkins & Gross, 3433 Market st. \$1000

AUTO LAUNDRY
(205) NE PINE and Van Ness ave., 1-story reinforced concrete auto laundry.
Owner—Pacific Gillespie System, Inc.
Architect—None.
Contractor—Villadsen Bros., Inc., 417 Market. \$50,000

DWELLING
(206) W AGNON AVE. 150 S Crescent, 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission st.
Architect—J. E. Jaekle, 3901 Mission st.
Contractor—A. R. Johnson, 3901 Mission. \$3000

DWELLING
(207) E 26TH AVE. 125 S Lawton, 1-story and basement frame dwelling.
Owner—Chas. D. Sequine, 1280 20th ave.
Architect—L. E. Hansberry, 1271 O'Farrell st. \$4000

DWELLING
(208) N SADOWA 261 W Plymouth Ave. One-story and basement frame dwlg.
Owner—John Cassisi, 66 Caine Ave., San Francisco.
Architect—None.
Contractor—William DeMartini & Co., 1144 Treat Ave., San Francisco. \$4860

DWELLING
(209) E FORTY-EIGHTH AVE 200 N Pacheco. One-story and basement frame dwelling.
Owner—G. A. Draeger, 4981 17th St., San Francisco.
Architect—None.
Contractor—J. W. Jessiman, 230 7th Ave., San Francisco. \$5500

DWELLING
(210) SE HOLLOWAY AND BRIGHT. Two-story and basement frame dwlg.
Owner—R. P. Grant, 307 Ulloa St., San Francisco.
Architect—A. Nastovic, 367 17th St., San Francisco. \$9000

DWELLING
(211) S ENTRADA COURT 157 W Borica. One-story and basement frame dwelling.
Owner—A. Nastovic, 367 17th St., San Francisco.
Architect—A. Nastovic, 367 17th St., San Francisco. \$5000

DWELLING
(212) W EIGHTEENTH AVE 159 N Ortega. One-story and basement frame dwelling.
Owner—A. H. Ohlsen, 2869 Harrison St., San Francisco.
Architect—None. \$4000

DWELLINGS
(213) E BRENTWOOD AVE 366 and 409 S Los Palms. Two one-story and basement frame dwellings.
Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$5000 ea

FLATS
(214) W DIVISADERO 62-6 S North Point. Two-story and basement frame (2) flats.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—Pring & Lesswing, Holbrook Bldg., San Francisco.
Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco. \$7000

RAMP
(215) S O'FARRELL 75 E Taylor. Reinforced concrete ramp.
Owner—Larry Barrett, Premises.

Architect—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$1000

STORE BLDG.
(216) S TARAVAL 34 E Twentieth Ave. One-story frame store bldg.
Owner—A. Baldocchi, 105 Montgomery St., San Francisco.
Architect—None. \$5000

DWELLING
(217) NE NINETEENTH AND HAMP-shire. Two-story and basement frame dwelling.
Owner—Virgil and Adele Masarie, 1121 Wisconsin St., San Francisco.
Architect—None. \$6500

WAREHOUSE
(218) W LANGDON 207-6 S Bryant St. One-story frame warehouse.
Owner—P. E. O'Hair & Co., Langdon and Bryant Sts., San Francisco.
Architect—E. A. Eames, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$4000

DWELLING
(219) E GAMBIER 100 S Silliman. One-story and basement frame dwelling.
Owner—James Sherard, 166 Oxford St., San Francisco.
Architect—E. W. Hawkey, 224 Pioche St., San Francisco. \$3500
DWELLING
(220) NE CONCORD 100 NW Brunswick. 1-story and basement frame dwelling.
Owner—John Anderson, 4539 Mission st.
Architect—None. \$3500

DWELLING
(221) E MAJESTIC AVE. 300 N Lakeview ave., 1-story and basement frame dwelling.
Owner—Jack Buckley, 1230 11th ave.
Architect—None. \$3000

DWELLING
(222) NE CASTLE MANOR Ave. and Camellia st., 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st. \$4560

DWELLINGS
(223) W CAMELLIA 160.S, 243.S, 277.6 N Silver; three 1-story and basement frame dwellings.
Owner—Castel Bldg. Co., 830 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st. \$1000 each

DWELLING
(224) E CAMELLIA 79.4 S Castle Manor, 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st. \$4000

DWELLING
(225) N WILDE 225 E Cowden, 1-story and basement frame dwelling.
Owner—P. Fetz, 460 Wilde.
Architect—None. \$2000

DWELLINGS
(226) E 30TH AVE. 250 and 275 S Judah; two 1-story and basement frame dwellings.
Owner—C. A. Hall, 1238 26th ave.
Architect—None.
Contractor—M. C. Rench, 38 Lyon st. \$4000 each

DWELLING
(227) 620 PRESIDIO, alter and remodel dwelling.
Owner—John Hantaran, 620 Presidio.
Architect—None. \$1500

SALESROOM
(228) E VAN NESS AVE. 150 S Market, 1-story reinforced concrete salesroom. Owner—Hale Bros., Inc., 5th and Market.
Architect—Geo. DeColmesnil, DeYoung Bldg., San Francisco.
Contractor—MacDonald & Kahn, Inc., Financial Center Bldg. \$3000

DWELLING
(229) E 30TH AVE. 300 S Judah, 1-story and basement frame dwelling. Owner—M. C. Rench, 38 Lyon st. Architect—None. \$4000

DWELLING
(230) E MOSCOW 275 N Persla; 1-story and basement frame dwelling. Owner—E. J. Quistad, 701 Parker ave. Architect—Irvine & Ebbets, Call Bldg. \$3000

DWELLINGS
(231) W 30TH AVE. 250 and 275 S Judah, two 1-story and basement frame dwellings. Owner—Elias Vigen, 1200 40th ave. Architect—J. C. Hladik, Monadnock Bldg. \$4400 each

ALTERATIONS
(232) NO. 46 GEARY. Alter and remodel stores. Owner—S. Benederet, % Barrett & Hilp, 918 Harrison St., San Francisco. Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$2000

DWELLING
(233) W TWENTY-SIXTH AVE 150 N Taraval. One-story and basement frame dwelling. Owner—M. E. Bartel, 45 Grattan St., San Francisco. Architect—None.
Contractor—W. Swift, 344 Noreiga St., San Francisco. \$4000

DWELLING
(234) S HOLLOWAY 50 W Orizaba. Two story and basement frame dwelling. Owner—R. P. Grant, 307 Ulloa St., San Francisco. Architect—A. Nastovic, 367 17th St., Oakland.
Contractor—A. Nastovic, 367 17th St., Oakland. \$4500

DWELLING
(235) NE WHIPPLE AVE 150 NW Ellington. One-story and basement frame dwelling. Owner—Lillie Gregory, 79 Vendome Ave., Daly City. Architect—None.
Contractor—George Chandler, 174 Judson Ave., San Francisco. \$3000

CLUB BLDG.
(236) W BAKER 25 S Fulton. Four-story and basement reinforced concrete club building. Owner—Native Daughters of the Golden West, Spreckels Bldg., S. F. Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco. Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$84,000

DWELLING
(237) E SEVENTEENTH AVE 100 S Ulloa. One-story and basement frame dwelling. Owner—Hilda Rose, 2182 14th Ave., San Francisco. Architect—None.
Contractor—Rose Bros., 2182 14th Ave., San Francisco. \$4000

DWELLING
(238) W 28TH AVENUE 250 S Judah, one-story and basement frame dwlg. Owner—Andrew Sagrov, 507 23rd Ave., San Francisco. Architect—None. \$5000

DWELLING
(239) W TWENTY-SIXTH AVE 225 S Rivera. One-story and basement frame dwelling. Owner—A. Sergio, 1321 24th Ave., San Francisco. Architect—None. \$3500

APARTMENTS
(240) S BAY 168-9 W Scott. Three-story and basement frame (12) apartments. Owner—M. P. Storheim, 900 Fulton St., San Francisco. Architect—None. \$17,000

ALTERATIONS
(241) NO. 2452 WASHINGTON. Alter and remodel flats. Owner—Manuel D'Angulo, Premises. Architect—None. \$3200
NOTE:—Previous application withdrawn.

DWELLING
(242) S VENTURA LOT 37 BLK 2817. Two-story and basement frame dwlg. Owner—S. R. Anderson, 1433 9th Ave., San Francisco. Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$6000

DWELLING
(243) W CAMELLIA AVE 312.10 N Silver Ave. One-story and basement frame dwelling. Owner—Castle Bldg. Co., 830 Market St., San Francisco. Architect—None.
Contractor—Henry Horn, 830 Market St., San Francisco. \$4000

DWELLINGS
(244) E THIRTY-SECOND AVE 100 and 125 N Santiago. Two one-story and basement frame dwellings. Owner—Castle Bldg. Co., 830 Market St., San Francisco. Architect—None.
Contractor—Henry Horn, 830 Market St., San Francisco. \$4000 each

DWELLING
(245) NW TWENTY-FIFTH AVE AND Ulloa St. One-story and basement frame dwelling. Owner—G. J. Elkington & Sons, 1291 33rd Ave., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4000

DWELLING
(246) N RICE 100 W San Jose Ave. One-story and basement frame dwlg. Owner—H. C. Jocelyn, 442 San Diego Ave., San Francisco. Architect—None. \$3000

DWELLING
(247) S DELONG 100 W San Jose Ave. One-story and basement frame dwlg. Owner—H. C. Jocelyn, 442 San Diego Ave., San Francisco. Architect—None. \$3000

ALTERATIONS
(248) NO. 1745 FILLMORE. Alter theatre. Owner—J. Lavitt, Premises. Architect—None. \$1000

GARAGE
(249) N SACRAMENTO 55 W Davis. Piling and excavating for two-story Class B public garage. Owner—Jos. A. Pasqualetti, 785 Market St., San Francisco. Engineer—C. W. Zollner, Humboldt Bk. Bldg., San Francisco. \$7000

APARTMENTS
(251) NE CALIFORNIA AND WALNUT. Three-story and basement frame (12) apartments. Owner—Mrs. Edna Stempel, Hearst Bldg., San Francisco. Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$26,000

ALTERATIONS
(251) NO. 675 CHARTER OAK AVE. Raise and underpin dwelling. Owner—F. R. Webb, 2877 Mission St., San Francisco. Architect—None. \$1100

BUILDING CONTRACTS
San Francisco County

No.	Owner	Contractor	Amt.
46	Johansson	Hermanson	6775
47	McCarthy	Arnott	4146
48	Same	Same	—
49	Hertzmamm	Groeting	1445
50	Same	Michael	3000
51	Same	Dowd	3000
52	Same	Hansell	37865
53	Same	Goss	8041
53	Moeller	Hamill	7500
54	Nathan	Bogge	100000

FLATS
(46) N FIFTEENTH 93 W Castro W 27x55 M B 121. All work for two-story frame building (flats). Owner—John L. and Selma Johansson, 198 Castro St., San Francisco. Architect—None.

Contractor—W. L. Hermanson, 324 Peru St., San Francisco.
Filed Jan. 26, 1928. Dated Jan. 21, 1928.
Frame up\$1593.75
Rough plastering done..... 1593.75
Completed and accepted..... 1593.75
Usual 35 days..... 1593.75
TOTAL COST, \$6375.00
Bond, \$3187.50. Sureties, Otis B. Hergert and A. Saarinen. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(47) NW CAYUGA AVE 495.826 SW Santa Rosa Ave SW 25 NW 110.136 NE 25 m or l SE 110.122 Ptn Blk K, Bernal Tract. All work for five-room and garage bungalow. Owner—The McCarthy Co., 46 Kearny St., San Francisco. Architect—None.
Contractor—James Arnott & Son, 633 Taraval St., San Francisco.
Filed Jan. 26, 1928. Dated Jan. 12, 1928.
30 days after frame up..... 25%
30 days after brown coated..... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, \$4146.40
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

BUNGALOW
(48) SW SANTA ROSA AVE 200 SE Cayuga SW 625 NW 75 to pt of beg NW 25 SW 84 m or l to NE Bauer St. SE 25 m or l NE 82 m or l Ptn Blk E, Bernal Tract. All work for four-room and garage bungalow. Owner—The McCarthy Co., 46 Kearny St., San Francisco. Architect—None.
Contractor—James Arnott & Son, 633 Taraval St., San Francisco.
Filed Jan. 26, 1928. Dated Jan. 12, 1928.
TOTAL COST, \$—
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

APARTMENTS
(49) S GEARY 167-6 W Webster 62-6x 137-6. All work for hardwood floors for three-story frame apartment and store building. Owner—Siegmond and Flora L. Hertzmann and Mrs. Rosalie Reinhart. Architect—Walter C. Falch, 1202 Hearst Bldg., San Francisco.
Contractor—Groeting Floor Co., 260 Fair Oaks St., San Francisco.
Filed Jan. 27, '28. Dated Jan. 24, '28.
Completed and accepted.....\$1083
Usual 35 days..... 362
TOTAL COST, \$1445
Bond, \$722. Surety, Mrs. Alice Groeting. Limit, 150 days. Forfeit, \$5. Plans and specifications filed.

(50) PAINTING, PAPERING, ETC., ON above.
Contractor—R. M. Michael, 1292 48th Av., San Francisco.
Filed Jan. 27, '28. Dated Jan. 24, '28.
Priming done\$1125
Completed and accepted..... 1125
36 days after..... 750
TOTAL COST, \$3000
Bond, \$1500. Sureties, Helena Michel and Richard Sensenschmidt. Limit, 150 days. Forfeit, \$5. Plans and specifications filed.

(51) ELECTRICAL WIRING, TELE-phones, etc., on above.
Contractor—Dowd-Seid Electric Co., 2369 Mission St., San Francisco.
Filed Jan. 27, '28. Dated Jan. 24, '28.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3000
Bond, \$1500. Sureties, Harry Beach and J. Hirschfeld. Limit, 150 days. Forfeit, \$5. Plans and specifications filed.

(52) EXCAVATING, CONCRETE, tiling, carpenter work, mill work, roofing, iron work, stair work, glass, glazing, lath, plaster, wall beds, patent flues, on above.
Contractor—George H. Hansell, 349 10th avenue.
Filed Jan. 27, 1928. Dated Jan. 24, 1928
Second floor joists in\$7099
Roof boards on 7099
Brown coated 7099
Completed and accepted 7099
Usual 35 days 9459
TOTAL COST \$37,865
Bond, \$18,932.50; sureties, Henry Papenhausen, Fred Roettger, J. L. Singewald; limit 150 days; forfeit, \$5; plans and spec. filed.

(53) PLUMBING, DRAINING, GAS fittings, automatic oil burner, etc., on above.
Contractor—William P. Goss, Inc., 4640 Geary.
Filed Jan. 27, 1928. Dated Jan. 11, 1928
Rough plumbing and heating done \$3046
Completed and accepted..... 3045
Usual 35 days..... 2040
TOTAL COST \$8131
Bond, \$1020; sureties, Howard E. Hickey, G. M. Hantzsche; limit, 150 days; forfeit, \$5; plans and spec. filed.

POST OFFICE

(53) W 30TH AVE. 45 N Geary N alg. 30th ave. 55 x W 57.6; all work 1-story frame post office building.
Owner—Gus Moeller & Sons, 6260 Geary street, S. F.
Architect—None.
Contractor—Thos. Hamill Bldg. Co., 6242 Geary st., S. F.
Filed Feb. 1, 1928. Dated Jan. 16, 1928
Frame and roof on.....\$1875
Brown coated..... 1875
Completed..... 1875
Usual 35 days..... 1875
TOTAL COST \$7500
Bond, forfeit, none; limit, 90 days; no plans or spec. filed.
Permit applied for.

THEATRE

(54) SW CHESTNUT and Steiner W alg Chestnut 206.3 S 137.6 E 106.3 N 37.6 E 100 to W Steiner N 100 to beg ptn W A blk 400; all work class A theatre bldg. and 1-story class C concrete bldg (stores).
Owner—Edw. B. Baron and Carol A. Nathan.
Architect—O'Brien Bros. and W. D. Peugh.
Contractor—Spencer B. Bagge as Industrial Construction Co.
Filed Feb. 1, 1928. Dated Jan. 27, 1928
15th of month.....75%
Usual 35 days.....25%
TOTAL COST \$100,000
Bond, \$50,000; sureties, J. H. McCallum, H. W. Gaetjen; limit, 120 days; forfeit, none; plans spec. filed.

COMPLETION NOTICES

San Francisco County

Recorded Jan. 25, 1928—NE CERVANTES BLVD 300 SE AVE SE 50 x NE 100 ptn Marina Gardens lots 9 and 10 blk 2957A sub No 3 Miraloma Park Meyer Bros to whom it may concern..... Jan. 21, 1928
Jan. 25, 1928—W MUNICH 175 N Persia N 75 x W 100 Albert J Olson to whom it may concern..... Jan. 25, 1928
Jan. 25, 1928—1630 22ND AVE E 22ND ave 175 S Lawton rung S 25 x 100 W J Grimes to Martin & Allen..... Jan. 25, 1928
Jan. 26, 1928—S SADOWA 121.6 E Arizona ave E 25 x S 125 ptn blk C Railroad Hd Assn. James J Cronin Jr to P Gavazza..... Jan. 25, 1928
Jan. 26, 1928—LOT 16 BLK 3261 Balboa Terrace. Ernest C and Oscar M Hueter to W C Zwieg..... Jan. 25, 1928
Jan. 26, 1928—BLKS BOUNDED BY Humboldt, Maryland and Sonoma sts San Francisco Bay, Pacific Gas & Elec Co to Pacific Tank & Pipe Co..... Jan. 19, 1928
Jan. 26, 1928—NW THERESA AND Mission sts, Clara Carli as gdn est Georgiana Vollmer incomp. to Frank B and John L Knittle as Knittle Bros..... Jan. 25, 1928
Jan. 26, 1928—W 21ST AVE 150 S Ulloa 30 x 120, Carl and Fred Gellert to whom it may concern..... Jan. 26, 1928
Jan. 26, 1928—BLK BOUNDED BY Hayes, Stanton, Grove and Schrader sts. St. Mary's Hospital Corp to whom it may concern (Jan. 16, 28) and to O'Mara & Stewart (Jan. 20, 28) and to Severin Electric Co. Jan. 20, 28
Jan. 26, 1928—E 22ND AVE 225 N Moraga N 50 x E 120. Henry S Nelson to whom it may concern..... Jan. 26, 1928
Jan. 26, 1928—S TURK 90 W SCOTT S 100 x W 40. Victor Bjors to whom it may concern..... Jan. 20, 1928
Jan. 26, 1928—E RHODE ISLAND 175 N 25th N 25 x E 100. John and Catherine O'Keefe to K I Dowdy..... Jan. 20, 1928
Jan. 25, 1928—S OAK 106.3 W PIERCE W 25 x S 137.6. Walter H Klahn to whom it may concern..... Jan. 25, 1928
Jan. 25, 1928—S BROAD 85, 116 and

135 W Capitol ave 25 x 100. George Campbell to whom it may concern..... Jan. 10, 1928
Jan. 25, 1928—LOT 18 BLK 2931 MAP West Portal Park. Arline A Devers to F C Thomas..... Jan. 25, 1928
Jan. 25, 1928—W WESTGATE 100 N Ocean ave. E C Baker to whom it may concern..... Jan. 21, 1928
Jan. 26, 1928—SW NOREGA & 16TH ave S 40 x W 120 No 901 Norega. Fred Braun to whom it may concern..... Jan. 25, 1928
Jan. 26, 1928—E 21ST AVE 266-8 N Ulloa N alg E 21st ave 33.4 x E 120 Conrad Johnson to whom it may concern..... Jan. 26, 1928
Jan. 27, 1928—N 15TH 125 W Guerrero W alg 15th 23.6 x N 100 ptn M B 28 Gustaf Skold to Charles Hermanson..... Jan. 20, 1928
Jan. 27, 1928—LOT 13 BLK 3280 Mt Davidson Manor. A J Herzog to whom it may concern..... Jan. 27, 1928
Jan. 27, 1928—S KIRKHAM 90 E Great Highway E 30 x 62.6. A F Beazley to Gus Furness..... Jan. 27, 1928
Jan. 27, 1928—E 18TH AVE 254 AND 279 S Kirkham S 25 x E 120 2 comp.) Michael and Nellie Costello to whom it may concern..... Jan. 27, 1928
Jan. 27, 1928—E 18TH AVE 129 S Kirkham S alg E 18th ave 25 x E 120, E 18th ave 154 S Kirkham S 25 x E 120 Michael and Nellie Costello to whom it may concern..... Jan. 27, 1928
Jan. 27, 1928—W 19TH AVE 150 S California S 50 x —. Louis D Stoff Inc to whom it may concern..... Jan. 23, 1928
Jan. 27, 1928—NW SLOAT BLVD & 47th ave. Geo N Klemmyer and Harry M Seigler to C F Parker..... Jan. 25, 1928
Jan. 28, 1928—NE FOLSOM & 15TH 256 on Folsom x 193 on 15th. Illinois Pac Glass Corp to whom it may concern..... Jan. 25, 1928
Jan. 28, 1928—W 19TH AVE 66.8 N Ulloa N alg W 19th ave 33.4 x W 120 Condit & Maxam to whom it may concern..... Jan. 28, 1928
Jan. 28, 1928—COMG W BDY LINE San Pablo ave dist S 7.44 from int to W bdy line San Pablo with dividing line bet lots 11 & 12 blk 25 rung S 80 deg 41 min 41 sec W 78.33 to W bdy line lot 11 N 31 deg 26 min 36 sec W & following W bdy line lot 11 8.19 to NW cor lot 11 N 31 deg 33 min 22 sec W & following W bdy line lot 12 35.56 N 80 deg 58 min 48 sec E 95 to W bdy line San Pablo ave S alg San Pablo ave 40 to beg. Condit & Maxam to whom it may concern..... Jan. 28, 1928
Jan. 28, 1928—SE ILLINOIS & El Dorado E alg El Dorado 269.89 S 121.50 W alg N bdy line Southern Pac R R Co r of w to pt on E Illinois N alg E Illinois 115.143 to beg. Associated Oil Co to Vogt & Davidson Inc..... Jan. 17, 1923
Jan. 28, 1928—BANANA TERMINAL Bldg. Southern Pacific Co to Weber Showcase & Fixture Co..... Jan. 25, 1928
Jan. 30, 1928—S EL CAMINO DEL MAR 35 W Twenty-fifth ave rung 25 E. Ida B Cameron to Geo A Arthur..... Jan. 26, 1928
Jan. 30, 1928—NO. 820 ASHBURY ST. Florence L Meyer to whom it may concern..... Jan. 30, 1928
Jan. 30, 1928—W TWENTY-FIRST Ave 50 and 25 S Lawton, 25x95. August Hallgren to whom it may concern..... Jan. 30, 1928
Jan. 30, 1928—W AVILA 100 NE Cervantes blvd. Henry Wreden to Cox Bros..... Jan. 28, 1928
Jan. 30, 1928—LOT 2 BLK 51 CITY Land Assn. Charles Silverstein to Wm T Hummer..... Jan. 30, 1928
Jan. 30, 1928—W 23RD AVE 100 N Moraga. George Hunseth to whom it may concern..... Jan. 30, 1928
Jan. 30, 1928—W 16TH AVE 69 S Pacheco S 31 x W 107.6. H W Armbrust to whom it may concern..... Jan. 23, 1928
Jan. 30, 1928—W 30TH AVE 225 S Judah S 75 x W 120. Henry Doelger to whom it may concern..... Jan. 27, 1928
Jan. 31, 1928—W BRODERICK 125 S Green 25x100. Le Roy H Briggs to J S Malloch..... Jan. 25, 1928
Jan. 31, 1928—SE MUNICH 175 and 150 NE Persia Ave NE 25xSE 100 Lot 3 Blk 90, Excelsior Hd Assn. Emil Peterson to whom it may concern..... Jan. 30, 1928
Jan. 31, 1928—COM. AT PT. OF INT of SW Kensington Way and SE line Lot 45 Blk 2975 NW 37-6 SW 100.002 SE 37-6 NE 100.002 Lot 45 and Ptn Lot 44 Blk 2975 Map Blk 2975-2982 and 2989. Claremont Court Parcel 2

E J Rettberg to whom it may concern..... Jan. 30, 1928
Jan. 31, 1928—NW DWIGHT 29 NE Girard NE 26xNW 70; NW Dwight 55 NE Girard NE 26xNW 100. Niels I and Marie Hansen to Wm A Newsum Jr..... Jan. 20, 1928
Jan. 31, 1928—LOT 16 BLK 2502A map Pinelake Park Sub No 1. Parkside Realty Co of San Francisco to whom it may concern..... Jan. 23, 1928
Jan. 31, 1928—NE CALIFORNIA AND 25th ave N alg E 25th ave 25 x 95 known as 6242, 6244, 6216 and 6248 California. Michael and Adela De Carlo to R L Reynolds..... Jan. 25, 1928
Jan. 31, 1928—SE HOWARD AND Rausch 56x100 No. 1145-47-49 Howard. Victor F Hoelscher and Daniel Rosenblum to whom it may concern..... Jan. 30, 1928

LIENS FILED

San Francisco County

Jan. 25, 1928—W BRODERICK 50 N Bay N 50 x W 93.9. M R Shields vs Haley Bros.....\$805.23
Jan. 25, 1928—S NORTH POINT 93.9 W Broderick W 25 x S 100. M R Shields vs Haley Bros.....\$150
Jan. 25, 1928—N GROVE 131.3 W Cole W alg N Grove 25 x N 120 ptn W A 687. J Zimmerman vs Viola D Evans.....\$220
Jan. 25, 1928—S ANZA 82.6 E 41ST ave E 62.6 x S 100 Wm Onick vs Geo A Wara.....\$388
Jan. 28, 1928—E ALPINE TERRACE 107.6 S Waller S 25 x W 110.5. H & H Roofing Co Inc to Walter G Muspratt, James E Raymond, Edythe B Schultz and Unit Construction Co.....\$141
Jan. 28, 1928—SE ALPINE TERRACE and Waller st. H & H Roofing Co vs Walter G Muspratt, James E Raymond, Edythe B Schultz and Unit Construction Co.....\$112
Jan. 28, 1928—E ALPINE DIST 25 S Waller st. H & H Roofing Co vs Walter G Muspratt, James E Raymond, Edythe B Schultz and Unit Construction Co.....\$171.50
Jan. 28, 1928—NW NAPLES 200 SW Avalon SW alg NW Naples 25 x NW 100 ptn blk 48 Excelsior Hd Assn known as blk 6008 lot 6 assessor's blk book of maps. San Francisco Terrazzo Assn vs H R and Aminta Hubbard & Robert Hill.....\$39
Jan. 28, 1928—NW NAPLES 200 SW Avalon ave SW 25 x NW 100 being ptn blk 48 Excelsior Hd Assn known as lot 6 blk 6008 assessor's map known as 234 Naples st. Spring Valley Lumber Yard vs Robert Hill & Alexander Neil, H R and Aminta Hubbard.....\$214.99
Jan. 26, 1928—W MASON 100.1½ N Jackson N 31-4½xW 137-6. H & H Roofing Co Inc vs Edna B and Roy J Stempel, Bessie Cooley as Stempel & Cooley.....\$275
Jan. 27, 1928—ABOUT 40 DORANTES lot 6 blk 9 Forest Hill. Pacific Sheet Metal & Furnace Co vs Stempel R Hill.....\$552
Jan. 27, 1928—3783 20TH ST. Ocean Shore Iron Works vs J E Nast & W R Bethel.....\$552
Jan. 26, 1928—SE WASHINGTON & Mason E 41 S 81.10. H & H Roofing Co Inc vs Edna B and R J Stempel, Bessie Cooley as Stempel & Cooley.....\$274
Jan. 26, 1928—W MASON 68.9 N Jackson N 31.4½ x W 137.6. H & H Roofing Co Inc vs Edna B and R J Stempel, Bessie Cooley as Stempel & Cooley.....\$215
Jan. 26, 1928—SW POWERS 108.6 SE Mission ext th SE & alg SW Powers 25 x SW 100 known as 22 Powers ave Greater City Lumber Co vs Shabstary, Sarah and B Halfon.....\$40.25
Jan. 28, 1928—N WALLER 150-3 E Pierce E alg N Waller 25 x N 137.6 J H Kruse vs Mrs Annie Meltzner and Walter F Hughes.....\$112.94
Jan. 30, 1928—SW WALLER and Alpine Terrace S 75 x W 59.0%. C L Johnson vs Walter E Schuetz, J E and Georgia C Raymond.....\$105
Jan. 30, 1928—LOT 56 BLK 11 SUB 2 Clarendon Heights. Lauchlin Macdonald and John McLean as Macdonald & McLean, vs Henry P and Margaret Kavanagh, H Steiger.....\$275
Jan. 30, 1928—NW RHINE 75 SW Flournoy SW 25 x NW 100. A E Hennessey vs Heyman Bros.....\$337.50

Saturday, February 4, 1928

Jan. 30, 1928—E BRODERICK 37.6 N Bay N 25 x E 87.6 Schopke & Burke vs T R and Helen Mae Belmont. \$216.61
 Jan. 30, 1928—E BRODERICK 62.6 N Bay N 25 x E 87.6 Schopke & Burke vs T R and Helen Mae Belmont. \$216.64
 Jan. 30, 1928—W DIVISADERO 100 N Chestnut N alg W Divisadero 25 x W 118.9 ptn W 9487. Roma Hardwood Floor Co vs Corrine and J A Frye. \$224

Jan. 30, 1928—NW NAPLES 200 SW Avalon ave SW also NW Naples 25 x N 100 known as 234 Naples also known as lot 6 blk 6008. Eureka Sash Door & Moulding Mills vs Henry R Hubbard and Robert Hill. \$349.32
 Jan. 30, 1928—NW NAPLES 200 SW Avalon ave SW alg NW Naples 25 x NW 100 ptn blk 48 Excelsior Hd Assn. Mission Lumber Yard vs Robert Hill and Alexander Neil, R and Aminta Hubbard. \$85.30

Jan. 20, 1928—NW NAPLES 200 SW Avalon ave SW 25 x NW 100 ptn blk 48 Excelsior Hd Assn. Excelsior Hardware Co vs H R and Aminta Hubbard and Robert Hill. \$137.96

Jan. 31, 1928—COMG INT NW Roosevelt way and SE line lot 53 blk P rung NE alg said line lot 53 blk P 49.13 to NE line lot 53 NW alg NE line lots 53 & 52, 50 SW 63.28 to NW line Roosevelt way NE alg Roosevelt way 52.14 to beg ptn lots 52 & 53 blk P Park Lane Tel No. 5. G Orsl Co vs Ursula R Owens. \$110

Jan. 31, 1928—W GOETTINGEN 175 N Woolsey N 25 x W 120 known as lot 3 assessor's map 6052. Joe Bertolino vs Jacob and Cathie E E Muller and John Dentoni. \$56

Jan. 31, 1928—LOT 56 BLK 11 MAP Sub Clarendon Height, H & H Roofing Co Inc vs Harry P and Margaret Kavanagh & H Steiger. \$50

Jan. 31, 1928—S SADOWA 121.6 E Orizaba ave E alg Sadowa 50 x S 125 ptn blk C Railroad Hd Assn. Victor Calmotto & S Salvadori vs F Collins, P Civazza. \$450

Jan. 31, 1928—W 43RD AVE 235 S Balboa S 35 x W 120. Standard Concrete Construction Co vs R Leon Lawrence. \$337.50

Jan. 31, 1928—W 11TH AVE 250 S California S 25 x W 120. Standard Concrete Construction Co vs R Leon Lawrence. \$283.50

Jan. 31, 1928—LOT 25 BLK 2 Forest Hill. Pope & Talbot vs Marlon Barker and George E and Genevieve Stenger. \$812.98

Jan. 31, 1928—LOT 11 BLK 24 MAP Forest Hill. Pope & Talbot vs Marion Barker and C M and Esther H Jacobson or Jacobsen. \$656.93

Jan. 31, 1928—LOT 56 BLK 11, Map No. 2, Clarendon Heights. Schoenfeld Planing Mill Co vs Harry P and Margaret Kavanagh and H Steiger. \$344.50

RELEASE OF LIENS

San Francisco County

Recorded Amount:

Jan. 17, 1928—N LAKE 61 E 8TH AVE E 40 x N 72. Grant & Rosen to B S Perry and Edwin W Choynski.

Jan. 20, 1928—SECOND AVE 105 S Cahillillo S 25 x E 116 ptn O L 381 Ginsberg Tile Co to Hugo Swanson & Joseph D and Irene T Pryor. \$75.40

Jan. 20, 1928—LOTS 5 & 6 BLK 16 amended map Ingleside Terrace. In-laid Floor Co to L H Comer, C C Newman.

Jan. 19, 1928—NW EDINBURGH 225 NW Avalon ave. 25 x 100 Louis

Jan. 19, 1928—SE VERMONT AND Mariposa S 25xE 100. Bowman Peverl to

Plumbing Supply Co to M Townsend and Chas Carliani

Jan. 18, 1928—NW SYCAMORE AVE & Mission W 70 x N 30. Central Hardware & Glass Co to Peter Harnis & J Anastassionx.

Jan. 21, 1928—S PAGE 106.6 E Steiner E 25 x S 100.94 E 31 & N 100.57 to beg. Acme Gravel Co to Richmond Concrete Co and Miles T and Mary E D'Arcy.

Jan. 21, 1928—E BRODERICK 125 N Chestnut th alg E line Broderick 25 x E 118.9 lot 23 blk 930. Acme Gravel Co. to Richmond Concrete Co and Elodie and Nathalie Dastugue.

Jan. 21, 1928—SE JEFFERSON AND Divisadero E 93.9 x S 50. W P Fuller & Co. to R J Edna B Stempel.

Jan. 21, 1928—NW SCOTT & BEACH W 93.9 x N 50. W P Fuller & Co to Bessie Cooley.

Jan. 21, 1928—W 24TH 92.6 E Howard E 25.6 N 90 W 5.6. W P Fuller & Co to Bessie Cooley.

Jan. 24, 1928—NW BIRCH & LAGUNA N 70 x W 82.6 Paoli & Stoneback to Rosacio & Alvienna Paratore.

Jan. 24, 1928—79 CASSANDRA COURT H R Cinnamond to E Mary McKay.

Jan. 23, 1928—N JEFFERSON 106.3 E Divisadero N 99.4½ E 25 N 30 E 25 S 129.4½ E alg Jefferson to pt of beg. Charles N Melby to G Tocchini. Harry Wesselle, John Harder. \$259

Jan. 23, 1928—E DIVISADERO 75 S Jefferson S 25 x E 89.9. H Ankers to J A & Corrine Frye.

Jan. 28, 1928—LOT 1 BLK 2925. In-laid Floor Co to whom it may concern \$490

Jan. 27, 1928—E 16TH AVE 107.6 N Ulloa E 165 N 17 m or l W 165.14 m or l S 27.2. Western Lime & Cement Co & Holmes Lime & Cement Co to A Kallman, Bernhard Kari.

Jan. 27, 1928—E 16TH AVE 82.6 N Ulloa N 25 x E 81. Western Lime & Cement Co & Holmes Lime & Cement Co to A Kallman and Bernhard Kari.

Jan. 27, 1928—W 11 LOT 24 & E 26 lot 23 blk 18 Forest Hill. Western Lime & Cement Co to A Kallman and Bernhard Kari.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 18, 1928—SE MISSION & 19TH 60 x 140. Emma R Malsbary as to improvements on property.

Jan. 18, 1928—SW BROADWAY AND Battery S 70 x W 137.6. Fannie M Danforth as to improvements on property.

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
173	McCellen	King	1550
174	Wallace	Owner	2400
175	Athens	Sheridan	1400
176	Oakley	Owner	3750
177	Stenbro	Owner	3200
178	Smith	Wierk	4000
179	Turner	Birmingham	5000
180	West	Owner	8000
181	Newell	Michelsen	2000
182	Bouchet	Art	8000
183	Booth	Booth	2599
184	Graybill	Owner	4550
185	Rich	Owner	1090
186	Stebbins	Oakland	1500
187	Whalin	Owner	4100
188	Atkinson	Owner	2000
189	Ferris	Owner	3150
190	Southerd	Rose	1200
191	Van Horn	Owner	3800
192	Alameda	Vogt	60000
193	California	Owner	5000
194	Dowlin	Owner	3500
195	Dahl	Owner	6090
196	Kopf	Owner	5000
197	Pfrang	Owner	5000
198	Rockingham	Owner	5500
199	Young	Anderson	5500
200	Gervolstad	Owner	4800
201	Hansen	Owner	1500
202	McNamara	Gervolstad	4650
203	Massad	Meaker	1200
204	Norton	Owner	15000
205	McDuffie	Wright	2000
206	Anderson	McLeod	3000
207	Bissell	Carr	5000
208	Hanson	Owner	4500
209	Sundblom	Kolmodin	3700
210	Clayworth	Berkeley	1000
211	Gould	Owner	3000
212	Hoskins	Metoyes	3625
213	Kelly	Reimers	1500
214	King	Owner	3500
215	Leina	Owner	4000
216	McGuire	Carlson	3000
217	Wheat	Owner	6000
218	Walter	Owner	3500
219	Williams	Christensen	100000
220	Bruning	Scott	4500

221 Sigwald Owner 3325
 222 Sigwald Owner 6250
 223 Sigwald Owner 2700

ALTERATIONS
 (173) 2177-83 Shattuck ave., Berkeley; alterations.

Owner—Otis Wallace, 2177-83 Shattuck ave., Berkeley.
 Architect—None. \$2400

CLEAND PLANT
 (174) 2104 VINE St., Berkeley; 1-story 4-room dry cleaning plant, class C construction.

Owner—B. B. McClellen, Berkeley.
 Architect—None.

Contractor—Geo. F. King, 1541 Virginia, Berkeley. \$1500

ALTERATIONS
 (175) SW THIRTEENTH AND CLAY, Oakland. Alterations.

Owner—Athens Athletic Club, Premises.
 Architect—None.

Contractor—R. E. Sheridan, 356 Adeline St., Oakland. \$1400

DWELLING
 (176) E 109TH AVE 240 S Beverly Ave. Oakland. One-story 5-room dwlg.

Owner—W. R. Oakley, 1911 65th Ave., Oakland.
 Architect—None. \$3750

DWELLING
 (177) NO. 3507 SIXTY-NINTH AVE., Oakland. One-story 5-room dwelling and one-story garage.

Owner—A. Stenbro, 4340 La Cresta Ave., Oakland.
 Architect—None. \$3200

ALTERATIONS
 (178) NO. 310 FIFTY-FIRST ST., Oakland. Alterations and additions.

Owner—W. E. Smith, 5113 Broadway, Oakland.
 Architect—None.

Contractor—Nick Wierk, 404 45th St., Oakland. \$4000

DWELLING
 (179) W FERNWOOD DRIVE Lot No. 54, Oakland. One-story 3-room dwelling.

Owner—Bessie Turner, 223-D Linda Ave., Oakland.
 Architect—None.

Contractor—H. D. Birmingham, 675 31st St., Oakland. \$5000

DWELLING
 (180) NO. 1225 SUNNYHILL ROAD, Oakland. Two-story 7-room dwelling

Owner—Elmer W. West, 812 Erie St., Oakland.
 Architect—None. \$800

ALTERATIONS
 (181) 2726 DERBY St., Berkeley; alterations.

Owner—N. H. Newell, 1110 The Alameda, Berkeley.
 Architect—None.

Contractor—P. Michelsen, 1638 Alcatraz, Berkeley. \$2000

CLEANING WORKS
 (182) NW 22ND & West Sts., Oakland; 1-story brick and concrete dyeing & cleaning works.

Owner—J. B. Bouchet, 800 22nd st.
 Architect—None.

Contractor—The Art Builders, 1927 Napa ave., Berkeley.

ALTERATIONS
 (183) NE 36TH ST. and Telegraph ave., Oakland; alterations.

Owner—C. S. Booth.
 Architect—None.

Contractor—B. S. Booth, 375 Euclid ave. \$2500

DWELLING
 (184) 4839 ALLENDALE Ave., Oakland; 1-story 6-room dwelling and garage.

Owner—Wm. B. Graybill, 4316 Brookdale ave., Oakland.
 Architect—None. \$4550

ALTERATIONS
 (185) 6700 SAN PABLO, Oakland; alterations.

Owner—Jas. L. Rich, 556 27th st., Oakland.
 Architect—None. \$1000

SERVICE STATION
 (186) W 57TH AVE. 75 S Ft. Blvd., Oakland; 1-story brick and tile service station.

Owner—J. A. Stebbens, Oakland.
Architect—None.
Contractor—Oakland Steel Bldg. Co., 3501
Lakeshore ave., Oakland \$1500

DWELLING
(187) W DEAKIN St., 65 S Woolsey st.,
Oakland; 1-story 5-room dwelling and
garage.
Owner—John F. Whalin, 374 Warwick
ave., Oakland
Architect—None. \$4100

ADDITION
(188) NO. 1140 ASHMONTE AVE., Oak-
land. Addition.
Owner—Henry Atkinson, 1140 Ashmont
Ave., Oakland.
Architect—None. \$2000

DWELLING
(189) S SEVENTY-THIRD AVE 185 E
Ney Ave., Oakland. One-story five-
room dwelling and one-story garage.
Owner—Russell Ferris, 2756 78th Ave.,
Oakland.
Architect—None. \$3150

REPAIRS
(190) NO. 5857 CHABOT ROAD, Oak-
land. Fire repairs.
Owner—Mrs. Southerd.
Architect—None.
Contractor—A. H. Rose, 478 25th St.,
Oakland. \$1200

DWELLING
(191) N BEVERLY AVE 500 W Durant
Ave. One-story 5-room dwelling and
one-story garage.
Owner—D. W. Van Horn, 6004 Monad-
nock Way, Oakland.
Architect—None. \$3800

PORTAL BLDG.
(192) NORTH END WEBSTER St.
Marsh, Alameda; Ala. portal bldg. of
Estuary tube.
Owner—County of Alameda.
Architect—Henry H. Meyer, Kohl Bldg.,
San Francisco.
Contractor—Vogt & Davidson, Inc., 185
Stevenson st., S. F. \$60,000

MILL
(193) 1829 WEBSTER St., Alameda; 1-
story planning mill, rustic boards.
Owner—Calif. Mill & Lumber Co. (Max
Hollested), 1910 Webster st., Ala-
ameda.
Architect—None. \$5000

DWELLING
(194) 2806 CLAY St., Alameda; 1-story 5-
room, stucco dwelling.
Owner—S. J. Dowling, 2801 Clay st., Ala-
ameda.
Architect—None. \$2500

DWELLING
(195) 1729 CORNELL DR., Alameda; 1-
story 6-room stucco dwelling.
Owner—Edwin W. Dahl, 2901 56th ave.,
Oakland.
Architect—None. \$6000

DWELLING
(196) 3017 THOMPSON Ave., Alameda;
1-story 5-room stucco dwelling.
Owner—Ben. F. Kopf, 845 Pacific ave.,
Alameda.
Architect—None. \$5000

RESIDENCE
(197) 2632 DANA St., Berkeley; 1-story
5-room residence.
Owner—C. T. Pfang, 6300 Claremont ave.,
Oakland.
Architect—None. \$5000

DWELLING
(198) 2846 JOHNSON Ave., Alameda; 1-
story 6-room stucco dwelling.
Owner—F. A. Rockingham, 1507 Encinal
ave., Alameda.
Architect—None. \$5500

DWELLING
(299) 2844 LINCOLN Ave., Alameda; 1-
story 6-room dwelling, cement plaster
finish.
Owner—Geo. A. Young, 1044 Doris court,
Alameda.
Architect—Williams & Wastell, 17th st.,
Oakland.
Contractor—Walter H. Anderson, 1044
Doris court, Alameda. \$5500

DWELLING
(200) 3507 LAGUNA Ave., Oakland; 1-
story 6-room dwelling.
Owner—Fredrick Gervolstad, 722 Cleve-
land ave., Oakland.
Architect—None. \$4800

DWELLING
(201) N PORTER St. 125 East 35th ave.,
Oakland; 1-story 2-room dwelling.
Owner—C. Hansen, 3210 35th ave., Oak-
land.
Architect—None. \$1500

DWELLING
(202) 3815 LAGUNA Ave., Oakland; 1-
story 5-room dwelling.
Owner—W. H. McNamara, 3515 Rhoda
ave., Oakland.
Architect—None.
Contractor—Fredrick Gervolstad, 722
Cleveland ave., Oakland. \$4600

RESTAURANT
(203) 1415 FRANKLIN St., Oakland; 1-
story tile restaurant.
Owner—Al Massad, 907 Broadway, Oak-
land.
Architect—None.
Contractor—A. P. Meaker, 1045 58th ave.,
Oakland. \$1200

APARTMENTS
(204) SE 33RD ST. 50 W Bruce st., Oak-
land; 2-story 20-room apartments.
Owner—H. A. Norton, 1501 Cavanaugh
rd., Oakland.
Architect—None. \$15,000

ALTERATIONS
(205) NO. 2424 FERNWALD AVE.,
Berkeley. Alterations.
Owner—Mason McDuffie, 3016 Avalon
St., Berkeley.
Architect—None.
Contractor—C. Wright, 2716 Telegraph
Ave., Berkeley. \$2000

DWELLING
(206) W LINDEN 100 N Thirteenth St.,
Oakland. Two-story 5-room dwelling.
Owner—A. L. Anderson, 1301 Linden St.,
Oakland.
Architect—None.
Contractor—W. A. McLeod, 2374 E-29th
St., Oakland. \$3000

(207) N FLEMING 247 W Seminary Ave.,
Oakland. One-story 6-room dwlg.
Owner—E. C. Bissell, 5520 Foothill Blvd.,
Oakland.
Architect—None.
Contractor—Frank Carr, 2837 62nd Ave.,
Oakland. \$5000

DWELLING
(208) W CAVANAUGH 800 E Hum-
phrey pl., Oakland; 1-story 5-room
dwelling.
Owner—B. S. Hanson, 672 Santa Ray
ave., Oakland.
Architect—None. \$4500

DWELLING
(209) N WALNUT 400 W 55th ave., Oak-
land; 1-story 5-room dwelling and
garage.
Owner—F. O. Sundblom, 2764 Ft. Blvd.,
Oakland.
Architect—None.
Contractor—Harry Kolmodin, 2610 62nd
ave., Oakland. \$3700

ALTERATIONS
(210) 2200 SHATTUCK Ave., Berkeley;
alterations.
Owner—J. C. Clayworth.
Architect—None.
Contractor—Berkeley Bldg. Co., 2029
Shattuck ave., Berkeley. \$1000

RESIDENCE
(211) 1414 SANTA FE Ave., Berkeley;
1-story 5-room residence.
Owner—A. E. Gould, 1040 Ramona ave.,
Berkeley.
Architect—None. \$3000

RESIDENCE
(212) 3015 ACTON St., Berkeley; 1-story
5-room residence and garage.
Owner—J. R. Hoskins, 3012 Acton st.,
Berkeley.
Architect—G. J. Wildy, 2769 Acton st.,
Berkeley.
Contractor—W. H. Metoyes, 1377 34th st.,
Oakland. 3625

ALTERATIONS
(213) 109 BONITA Ave., Piedmont; al-
terations.
Owner—Mrs. Susan Kelly, 3808 Benvenue
ave., Berkeley.
Architect—None.
Contractor—I. H. Reimers, 12 Wildwood
ave., Piedmont. \$1500

RESIDENCE
(214) 1351 HOPKINS Ct., Berkeley; 1-
story 5-room residence.
Owner—E. King, 1370 Hopkins Court,
Berkeley.
Architect—None. \$2500

RESIDENCE
(215) 1347 HOPKINS Court, Berkeley;
1-story 5-room residence.
Owner—H. Leima, 1007 Hearst ave., Ber-
keley.
Architect—None. \$4000

RESIDENCE
(216) 316 PANORAMIE Way, Berkeley;
1-story 3-room residence.
Owner—Miss E. McGuire, 250 Panoramie
way, Berkeley.
Architect—Anton Buyko, 2442 Hilgard
ave., Berkeley.
Contractor—J. Carlson & Son, 2012½
Berkeley way, Berkeley. \$3000

RESIDENCE
(217) 126 LATHAM St., Piedmont; 2-
story 6-room frame residence and ga-
rage.
Owner—Jas. M. Wheat, 6 Downey pl.,
Oakland.
Architect—C. F. Gregerson, 11 Castro st.,
Hayward. \$6000

RESIDENCE
(218) 3032 STANTON St., Berkeley; 1-
story 5-room residence.
Owner—Walter Hufschmidt, 89 Nova dr.,
Piedmont.
Architect—E. M. Williamson, 3761 Al-
lendale ave., Oakland. \$3500

BUILDINGS
(219) SHELLMOUND PARK Dist., west
side S P R R tracks; 6 buildings.
Owner—C. K. Williams Co., Hotel Oak-
land.
Architect—Reed & Corlett, Oakland Bk.
Bldg.
Contractor—H. C. Christensen, 519 Ray
Bldg. \$100,000

ALTERATIONS
(220) 2114 HOPKINS St., Oakland; al-
terations.
Owner—F. H. Bruning, 1029 Myrtle st.,
Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd st.,
Oakland. \$4500

DWELLING
(221) 2839 MORGAN St., Oakland; 1-
story 6-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave.,
Oakland.
Architect—None. \$3325

DWELLINGS
(222) 2833-2837 MORGAN St., Oakland;
two 1-story 5-room dwellings and
garages.
Owner—Sigwald Bros., 916 Alma ave.,
Oakland.
Architect—None. \$3125

DWELLING
(223) 2836 MORGAN St., Oakland; 1-
story 4-room dwelling.
Owner—Sigwald Bros., 916 Alma ave.,
Oakland.
Architect—None. \$2700

RESIDENCE
(22) NW WASHINGTON and William
sts., San Leandro; all work on 1-
story residence.
Owner—Tony Enos Perry, San Leandro.
Architect and Contractor—J. M. Boga,
147 Pacific ave., San Leandro.
Filed Feb. 1, 1928. Dated Dec. 16, 1927.
1st of each month.....75%
Usual 35 days.....25%
TOTAL COST \$2050
Bond, none, limit 60 days; forfeit, none;
plans and spec. filed.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

Alameda County

Williams	Fritz	11027
Perry	Boga	2050
Bowles	Turner	\$6720
Bowles	Page	9089
Young	Anderson	6500

ELECTRICAL WORK

(1) SHELL MOUND PARK, Emeryville. Electrical work for building, wner — C. K. Williams Co. of Calif., Emeryville.
 Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
 Contractor—B. R. Fritz Electrical Co., 343 9th St., Oakland.
 Filed Jan. 26, '28. Dated Jan. 26, '28.
 10th of each month 75%
 Usual 35 days Balance
TOTAL COST, \$11,027
 Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

DORMITORY

(2) CAMPUS University of California, Berkeley; plumbing, heating and ventilating system on dormitory bldg.
 Owner—Mary A. Bowles, San Francisco.
 Architect—Geo. W. Kelham, 315 Montgomery st., S. F.
 Contractor—The Turner Co.,
 Filed Jan. 31, 1928. Dated Jan. 23, 1928
 10th of each month 75%
 Usual 35 days 25%
TOTAL COST \$36,720
 Bond, \$13,360; security, Pacific Indem. Co.; limit, without delay; forfeit, none; plans and spec. filed.

ELECTRICAL EQUIPMENT ON

above.
 Contractor—Ne Pake-McKinney Co.,
 Filed Jan. 31, 1928. Dated Jan. 24, 1928
 10th of each month 75%
 Usual 35 days 25%
TOTAL COST \$9089
 Bond, \$4556; surety, Pacific Indem. Co.; limit, without delay; forfeit, none; plans and spec. filed.

RESIDENCE

(25) LOT 45 BLK D, Fernside Tract, Alameda; all work on 1-story residence.
 Owner—George A. Young, 1014 Doris Ct., Alameda.
 Architect—Williams & Wastell, 374 17th st., Oakland.
 Contractor—Walter H. Anderson, 1014 Doris Ct., Alameda.
 Filed Feb. 1, 1928. Dated Jan. 16, 1928
 Rafters in place \$1625
 Rough plastered 1625
 Completed 1625
 Usual 35 days 1625
TOTAL COST \$6500
 Bond, none; forfeit, \$100 per day; limit, 60 days; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted
 Jan. 25, 1928—S BAY ISLAND AVE 156 E Regent st., Alameda. Noble F Justice to whom it may concern.
 Jan. 24, 1928
 Jan. 25, 1928—LOT 57 BLK 6 Thousand Oaks Heights, Berkeley. Harold Y Heckman to H Elmer Johnson.
 Dec. 17, 1927
 Jan. 25, 1928—2410 DWIGHT WAY, Berkeley. Matthew Gillespie to whom it may concern.
 Jan. 20, 1928
 Jan. 26, 1928—927 CARMEL AVE, Albany. Budd Reinlinghaus to whom it may concern.
 Jan. 24, 1928
 Jan. 26, 1928—LOT 9 SECTION M, Mulford Garden tct, San Leandro. Lila Morey to Tynan Lumber Co.
 Jan. 25, 1928
 Jan. 26, 1928—LOTS 37, 38 BLK 12, resub blk 12, Sunset Terrace Albany Wm K McInnes to whom it may concern.
 Jan. 21, 1928
 Jan. 26, 1928—LOT 7 BLK 3, McGee tct, Berkeley. F A and Magdalena D Kiefer to B Reinlinghaus.
 Jan. 19, 1928
 Jan. 26, 1928—980 WOODLAND AVE, San Leandro. Moyes J Murphy to Alex C Wielen.
 Jan. 19, 1928
 Jan. 26, 1928—LOT 115 & PTN LOT 114 blk 22, Amended map of Havenscourt

Oakland. Ethelinda S Watkins to whom it may concern.
 Jan. 19, 1928
 Jan. 26, 1928—LOT 52, PARK VIEW Tct No 2, Piedmont, J W Scammell to whom it may concern.
 Jan. 23, 1928
 Jan. 24, 1928—5744 PRESLEY WAY, Oakland. May R Beaumont to whom it may concern.
 Jan. 20, 1928
 Jan. 24, 1928—NW 90TH AVE AND Holly st, Oakland. Pacific Tel and Tel Co to Lawton & Vezey.
 Jan. 18, 1928

Jan. 25, 1928—EMERYVILLE. Pacific Gas & Elect Co to Permanent Waterproofing Co.
 Jan. 15, 1928
 Jan. 25, 1928—LOT 27, AVENUE Terrace, Oakland. May P Morris to A L Schneek.
 Jan. 19, 1928
 Jan. 27, 1928—LOTS 29 AND 30 PTN Lots 27 and 31 Blk 1, Shattuck Tract, Berkeley. Mercantile American Realty Co to K E Parker Co.
 Jan. 24, 1928
 J C Back Co, Inc. Jan. 24, 1928; W P Fuller & Co. Jan. 24, 1928; Morrison & Co. Jan. 24, 1928; Schrader Iron Works, Inc. Jan. 24, 1928; J W Bender Roofing & Paving Co. Jan. 24, 1928; N Clark & Sons, Jan. 24, 1928; White Electric Co. Jan. 24, 1928; Satorius Co., Inc. Jan. 24, 1928; Superior Tile & Products Co. Jan. 24, 1928; Reed & Reed, Jan. 24, 1928; Otis Elevator Co. Jan. 24, 1928, and Maundrell & Bowen.
 Jan. 24, 1928

Jan. 30, 1928—NO. 792 CRAGMONT AVE, Berkeley. Inez C Nilson to R E Nilson.
 Jan. 26, 1928
 Jan. 30, 1928—LOT 23, Broadmoor Park, San Leandro. Anita K Christensen to Joseph Franklin.
 Jan. 27, 1927
 Jan. 30, 1928—NO. 1535 SACRAMENTO St., Berkeley. Martin P Riley to J F Hubbard.
 Jan. 28, 1928
 Jan. 30, 1928—LOT 30 Stanford Tract No. 2, Vernon Heights, Oakland. Mrs. E T Bachelder to All Craftsmen Home Builders.
 Jan. 19, 1928

Jan. 28, 1928—NO. 1401 RUSSELL ST, Berkeley. Walter H Loving to Harold D Summers.
 Jan. 23, 1928
 Jan. 28, 1928—LOT 17 BLK 9, North Cragmont, Berkeley. John O Weston to John O Weston.
 Jan. 27, 1928
 Jan. 28, 1928—NO. 542 MIDCREST RD, Oakland. James B Grubb to whom it may concern.
 Jan. 27, 1928
 Jan. 28, 1928—NO. 2414 CENTRAL AV Alameda. C Bareilles to Vernon E Thorp.
 Jan. 24, 1928

Jan. 27, 1928—LOT 43, LE BON PARK, San Leandro. Kenneth C Martin to whom it may concern.
 Jan. 26, 1928
 Jan. 27, 1928—LOT 16 BLK E, Durant Manor, Oakland. M H Loblaw to whom it may concern.
 Jan. 26, 1928
 Jan. 27, 1928—LOT 46 & PTN LOT 45 Blk 4 resub ptn of North Cragmont, Berkeley. Bastford Smith to J W Monroe.
 Jan. 25, 1928
 Jan. 27, 1928—ALAMEDA. Tucker Investment Co to whom it may concern.
 Jan. 25, 1928
 Jan. 27, 1928—LOT 357 FERNSIDE, Alameda. Claire Adams to whom it may concern.
 Jan. 27, 1928
 Jan. 27, 1928—1040 MURRAY ST, Berkeley. Mary T. Marin to R W Paulson.
 Dec. 31, 1927

Jan. 31, 1928—PTN LOT 21 BLK C Map of Eastern Ptn of Newbury Tct, Berkeley. John R Serpa to whom it may concern.
 Jan. 30, 1928
 Jan. 31, 1928—LOT 6 BLK 6, Rockridge Terrace, Oakland. Therese Chavez to whom it may concern.
 Jan. 31, 1928
 Jan. 31, 1928—LOTS 41 AND 42, Avenue Terrace, Oakland. L L Taylor to the Clipper Co. Inc.
 Jan. 21, 1928
 Jan. 31, 1928—NO. 512 MIDCREST RD, Oakland. E Taylor Dykes to C R Squires.
 Jan. 31, 1928
 Jan. 31, 1928—LOT 457 BLK X, Fernside Tract, Oakland. Samuel Lee to whom it may concern.
 Jan. 30, 1928

Jan. 26, 1928—PTN LOT 9 BLK 4 State University Hd Assn No 3, Berkeley Aladdin Heating Corp vs J F and Flora Henry.
 \$307
 Jan. 26, 1928—LOT 67, WEST BROADMOOR EXT, San Leandro, Smith Hardware Co vs R W and Deltha Brown.
 \$103.12

Jan. 26, 1928—LOT 20 BLK N, Colonial Acres, Eden twp. Stowe-Lima Lumber Co vs G L and Maude Patterson, C W Older & Co.
 \$130.84
 Jan. 27, 1928—W LINE ARLINGTON ave 446.13 N San Antonio rd, Berkeley. I Sargent vs R K & Grace Schmidt.
 \$65
 Jan. 28, 1928—LOT 18 Avenue Terrace, Oakland. Pacific Paint & Wall Paper Co (Gloria Bushberg) vs M and May P Morris; A W Schneek and A Olinder.
 \$44.60

Jan. 28, 1928—PTN LOTS 26 AND 27 Blk 11, Electric Loop Tract, Oakland. Sunset Lumber Co vs Albert E Hefner and W C Applewhite.
 \$554.39
 Jan. 27, 1928—824 CRAGMONT AVE, Berkeley. I Sargent vs Henry B and Dora C Winttingham, O F Lyon.
 \$110
 Jan. 27, 1928—PTN LOT 13 SNYDER Tct, Berkeley. C E Huddart Lumber Co vs Joe & Helen Avila, W E Rushing.
 \$148.47

Jan. 30, 1928—LOT 7, Requa Highlands, Piedmont. Maxwell Hardware Co vs James J Gier.
 \$1063.85
 Jan. 30, 1928—LOTS 5 AND 6 BLK 21, Map No. 5, Shattuck Tct, Berkeley. Sunset Lumber Co vs Dragomir and Anna Kenareff and M J C White.
 \$643.99
 Jan. 31, 1928—NO. 172 ALVARADO RD, Berkeley. The Rigney Tile Co vs May S and Stacy Gratton and Stanley Hitchcock.
 \$285
 Jan. 31, 1928—NO. 1008 SIXTY-THIRD AVE, Oakland. R A Mitchell vs J A Vonada.
 \$128.50

RELEASE OF LIENS

Alameda County

Jan. 26, 1928—LOTS 15, 16, 17, 18, 19, 20 Webster Tct, Berkeley. M P Kitchel to C C Cuff and Alta Bates Inc.
 \$650
 Jan. 26, 1928—LOTS 15, 16, 17, 18, 19, 20 Webster Tct, Berkeley. J G Bastov to C C Cuff and Alta Bates Inc.
 \$650
 Jan. 24, 1928—986 CRAGMONT AVE, Berkeley. Contractor & Builders Supply Co to Guy E and Dorothy B Green, E C and Isa D Thompson, B Sprinkling.
 \$513.15
 Jan. 24, 1928—986 CRAGMONT AVE, Berkeley. Tilden Lumber Co to Guy E and Dorothy B Green, E C and Isa D Thompson, B Sprinkling.
 \$723.60
 Jan. 24, 1928—3811 KANSAS ST, Oakland. Robert Armour to Joseph Santi.
 \$85

Jan. 27, 1928—LOT 44 BLK 12, Resub of Blk 12 Sunset Terrace, Albany, Larsen Bros to C A Howes, Albany Realty Co.
 \$562.55
 Jan. 30, 1928—NO. 1211 EIGHTY-second Ave., Oakland. Bradhoff Roofing Co to Joseph Canson.
 \$132
 Jan. 30, 1928—LOTS 39 AND 40, Briggs Tract, Oakland. Young Hardware Co to Joseph and Evelyn Canson.
 \$44.70
 Jan. 27, 1928—NO. 2000 SHATTUCK AVE., Berkeley. Jas A Davis Co to Bank of Italy.
 \$893.61
 Jan. 27, 1928—LOT 44 BLK 12, Resub of blk 12 Sunset Terrace, Albany, C E Carlson (\$240); J. A. Fazio (\$350); D M Chiodo (\$126.26); Western Door & Sash Co. (\$249.50) to Albany Realty Co. Inc.
 \$828.27

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
 S COR. BAYTON AVE. AND PARK-side Ave., Hillsborough. All work for two-story frame and stucco residence.
 Owner—Mrs. Bernard W. Ford, 2135 Ralston St., Burlingame.
 Architect—Willis Polk & Co., 277 Pine St., San Francisco.
 Contractor—C. H. Bessett Bldg. Co., 326 Walnut St., Burlingame.

LIENS FILED

Alameda County

Recorded Amount
 Jan. 23, 1928—LOT 23 BLK 9, Harzog Tract, Oakland. Harry W Silver vs J A and Cora Vonada.
 \$215
 Jan. 25, 1928—LOT 20 STONER & Talbot subd No 1, Oakland. Brockhurst Tile Co vs Milton B and Margaret C Stoner, Thos H Talbot.
 \$81.50
 Jan. 25, 1928—43 MONTE VISTA AV, Oakland. Oakland Building Material Co vs Oscar C Goeriz and Toney Jacobino.
 \$31.44

Filed Jan. 18, 1928. Dated Jan. 7, 1928.
 Progressive payments 75%
 Usual 35 days 25%
TOTAL COST, \$16,300
 Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
PART LOT K, Selby Tract, San Mateo.
 All work for one-story residence.
 Owner—F. G. Wills, San Francisco.
 Architect—None.
 Contractor—Henry B. Post, 1336 Webster St., Palo Alto.
 Filed Jan. 9, 1928. Dated Jan. 5, 1928.
 Progressive payments 75%
 Usual 35 days 25%
TOTAL COST, \$4778
 Bond, none. Limit, 90 working days.
 Forfeit, none. Plans and specifications filed.

BUILDING PERMITS

SAN MATEO

BUNGALOW and garage, \$3000; Lot 47, Nadiin St., San Mateo; owner, Geo E Fisher, 326 3rd Ave., San Mateo.
BUNGALOW and garage, \$5000; Lot 20 Blk 10, South H St., San Mateo; owner, H. H. Roudles, 1929 Paloma Ave., San Mateo.
DWELLING, one-story and basement, \$7500; Lot 22 Blk 4, Fordham St., San Mateo; owner, Robert H. Smith, 1407 Burlingame Ave., San Mateo.
REPAIR residence, \$2500; Blk 15, Railroad Ave., San Mateo; owner, W. A. Maritzen, 925 4th Ave., San Mateo.
BUNGALOW and garage, \$4000; Lot 14 Blk P, B St., San Mateo; owner, Walter W. Caldwell, 237 North D St., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Jan. 24, 1928—LOT 26 BLK 2 MENLO Oaks, Floyd S Baird to whom it may concern.....	Jan. 17, 1928
Jan. 21, 1928—LOT 9 BLK 19 Crocker Tract, H C Jaserlyn to whom it may concern.....	Jan. 24, 1928
Jan. 24, 1928—PART LOT 74 Wellesby Park Villas, Louise T Pinkska to S F Borquin.....	Jan. 23, 1928
Jan. 26, 1928—LOTS 25, 26 AND 27, Albert A Meyer Sub B & W A, San Mateo. G W Williams Co to G W Williams Co.....	Jan. 25, 1928
Jan. 26, 1928—PTN LOT 139 West End Homestead, San Mateo. Frank L McAfee to whom it may concern.....	Jan. 24, 1928
Jan. 26, 1928—LOT 9 BLK 21, Baywood Park. Thomas A Cavanagh et al to whom it may concern.....	Jan. 21, 1928
Jan. 27, 1928—LOT 19 BLK 5 SAN Carlos Lyon & Hoag Sub. R H MacDonald to whom it may concern.....	Jan. 27, 1928
Jan. 27, 1928—LOT 18 BLK 45 Easton Roy Allery to whom it may concern.....	Jan. 10, 1928
Jan. 28, 1928—PART LOT 9, BLK 1. Robinsub Sub, Redwood. Florence Kuhn to Robert D. Squires.....	Jan. 27, 1928
Jan. 27, 1928—LOMITA PARK SCHOOL Millbrae School District to P. C. Stickle.....	Jan. 12, 1928
Jan. 27, 1928—PART LOT 4 BLK 2 Menlo Park. Floyd L Baird to whom it may concern.....	Jan. 17, 1928
Jan. 28, 1928—LOT 5, BLK 11, Burlingame Terrace. W. J. Price to whom it may concern.....	Jan. 28, 1928
Jan. 28, 1928—LOT 18, BLK 3, BUR-	

lingame Terrace. Elizabeth Adams et al to J. E. Turner.....Dec. 21, 1927
 Jan. 28, 1928—FORMERLY KALH Re-sub, Burlingame. Sisters of Mercy to whom it may concern.....Jan. 27, 1928
 Jan. 29, 1928—LOT 3 PL 2, BLK 11, Eagle Hill. Emily Jean Bill to whom it may concern.....Jan. 27, 1928
 Jan. 30, 1928—LOT 8, BLK 44, EASTON Christian Jorensen to whom it may concern.....Jan. 24, 1928
 Jan. 30, 1928—PART LOT 15, BLK 2, Menlo Oaks. M. Klay to whom it may concern.....Jan. 28, 1928
 Jan. 30, 1928—QUOLOTA TRACT. Erna Hewscher to E. S. Shaver.....Dec. 5, 1927
 Jan. 30, 1928—LOT 2, BLK 37, Lyon & Hoag Sub, Burlingame. John Sorensen to whom it may concern.....Jan. 24, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
Jan. 24, 1928—6945 Mission st. Kunst Bros to Mallie Ratto et al.....	\$318.69
Jan. 23, 1928—LOT 18 BLK 2 Burlingame Terrace. George Webb vs A J Adams et al.....	\$193.17
Jan. 23, 1928—LOTS 1 & 2 BLK 4, Dumbarton Park. C Downwall vs Philip Schoenfeld.....	\$79
Jan. 25, 1928—LOT 41 BLK 21, Union Park, San Mateo. South City Lumber Co vs Egidio Evangetisti et al.....	\$1188.11
Jan. 25, 1928—LOT 10 BLK 22, Union Park, San Mateo. South City Lumber Co vs Egidio Evangetisti et al.....	\$1017.16
Jan. 25, 1928—PTN LOT E, Selby Tct, Atherton. Progress Lumber Co vs S S Lee.....	\$25.53
Jan. 26, 1928—LOTS 1 AND 2 BLK 4, Dumbarton Park. B G Pedersen et al vs P M Schoenfeld et al.....	\$539.04
Jan. 28, 1928—LOT 1 & 2, BLK 4, DUMBARTON Park. Granada Art Title Co. vs. Wm. Schoenfeld.....	\$116.06

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Jan. 27, 1928—PART LOT B, WOODSIDE Acres. Progress Lum Co to F. M. Peregrini et al.....	\$496.20

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

SCHOOL
LOS GATOS, 2-story addition to present gymnasium bldg. on Los Gatos Union High School site.
 Owner—Board of Trustees of Los Gatos Union High School.
 Architect—W. H. Weeks, 246 S-First st., San Jose; Hunter-Dulin Bldg., San Francisco.
 Contractor—J. C. Monk, Los Gatos.
 Filed Jan. 17, 1928. Dated Sept. 16, 1927
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST \$8577
 Bond, \$4288.50; surety, Maryland Casualty Co; limit 90 working days; forfeit, none; plans and spec. filed.

HEATING SYSTEM ON ABOVE.
 Contractor—Murray & Co.
 Filed Jan. 17, 1928. Dated Sept. 16, 1927
 As work progresses 75%

Usual 35 days 25%
TOTAL COST 1860
 Bond, \$930; security, United States Fidelity & Guaranty Co; limit 90 working days; forfeit, none; plans and spec. filed.

BANK ADDITION
SW CORNER of Santa Clara and First sts., San Jose; metal counters, cage reflectors, bookkeepers' desk, counter backing and miscellaneous hardware.
 Owner—First National Bank, 15th S-First st., San Jose.
 Architect—H. H. Winner Co., 580 Market st., San Francisco.
 Contractor—J. L. Davidson Co., 632-48 Mateo st., Los Angeles.
 Filed Jan. 25, 1928. Dated Jan. 21, 1928
 Work delivered on job 50%
 Completions 25%
 Usual 35 days 25%
TOTAL COST \$13,170
 Bond, \$13,130; security, National Surety Co. of New York; limit 100 days from Jan. 21, 1928; forfeit, none; plans and spec. filed.

ELECTRICAL WORK ON ABOVE.
 Contractor—Thomas Day Co., 725 Mission st., San Francisco.
 Filed Jan. 25, 1928. Dated Jan. 19, 1928
 Completion and acceptance 75%
 Usual 35 days 25%
TOTAL COST \$8750
 Bond \$4390; surety, United States Fidelity & Guaranty Co., Baltimore, Md.; limit 100 days from Jan. 19, 1928; forfeit, none; plans and spec. filed.

FURNISHING AND INSTALLING ornamental iron and bronze on above.
 Contractor—Peerless Ornamental Iron & Bronze Co., 1528 Folsom st., San Francisco.
 Filed Jan. 25, 1928. Dated Jan. 24, 1928
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST \$12,441
 Bond, \$6220.50; surety, Maryland Casualty Co; limit 100 days from Jan. 24, 1928; forfeit, none; plans and spec. filed.

WRECKING, CONCRETE & CONCRETE work, tile, plastering, etc. on above.
 Contractor—R. O. Summers, 17 N First st., San Jose.
 Filed Jan. 17, 1928. Dated Jan. 17, 1928
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST \$20,586
 Bond, \$20,586; surety, Fidelity & Casualty Co. of New York; limit, 110 days from Jan. 17, 1928; forfeit, none; plans and spec. filed.

BANK BLDG.
SW COR SANTA CLARA and First sts., San Jose; cabinet and cage equipment, glass and glazing, hardware, leather mat, revolving door, self-winding clock for bank building.
 Owner—First National Bank, 15th S-1st st., San Jose.
 Architect—H. H. Winner Co., 580 Market st., San Francisco.
 Contractor—Pacific Manufacturing Co., Monadnock Bldg., San Francisco.
 Filed Jan. 27, 1928. Dated Jan. 24, 1928
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST \$11,141
 Bond, forfeit, none; limit 70 days from Jan. 27, 1928; plans and spec. filed.

MARBLE WORK ON ABOVE.
 Contractor—Vermont Marble Co., 244 Brannan st., San Francisco.
 Filed Jan. 28, 1928. Dated Jan. 26, 1928
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST \$20,695
 Bond, forfeit, none; limit 100 days from Jan. 26, 1928; plans and spec. filed.

BUILDING PERMITS

SAN JOSE

RESIDENCE, 6-room, \$3200; William St. near Josefa, San Jose; owner, D. D. Giovanni, 458 Illinois St., San Jose; contractor, G. Lonotti, 435 Hicks, San Jose.
RESIDENCE, 2-story 8-room, \$12,960; First St. near Mission, San Jose; owner, Dr. C. M. Burchfield, Garden City Bldg., San Jose; contractor, Tynan Constr. Co., 1090 The Alameda, San Jose.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

RESIDENCE, 5-room, \$5000; First St. near Rosa, San Jose; owner, J. F. Palmer, 45 N-Fifth St., San Jose; contractor, Jos. Hansen, 122 Martin St., San Jose.

RESIDENCE, 6-room, \$4800; Hester St. near Park, San Jose; owner, J. P. Reardon, 775 N-First St., San Jose; contractor, S. Culford, 1033 Ramona St., San Jose.

RESIDENCE, 7-room, \$4175; Delmos St. near Colfax, San Jose; owner, Elsie Poole Briggs, 502 Delmas St., San Jose; contractor, Chas. Del Ponte, 918 S-Ninth St., San Jose.

ADDITION of small store to residence, \$1950; No. 430 S-Second St., San Jose; owner, Edna Kopp, Premises; contractor, Wm. Caldwell, 871 Hedding St., San Jose.

GARAGE, commercial, \$11,000; The Alameda near Sunol, San Jose; owner, Bronson & Stuart, 345 S First st; contractor, E. Nommensen, Commercial Bldg.

RESIDENCE, 5 rooms, \$4500; Atlas near San Fernando, San Jose, owner, Clyde Alexander, Rt A, box 329, San Jose.

STORAGE garage and parking area, \$14,485; Sixth and Santa Clara, San Jose; owner, Medico Dental Bldg, Inc., Santa Clara and 6th; architect, W. H. Weeks, Burrel Bldg.; contractor, Carl N. Swenson, Santa Clara and 6th.

RESIDENCE, 5 rooms, \$4750; N Second near Rosa; owner, J. R. Smith, 330 W San Fndo; contractor, A. G. Lantz, 380 W San Fndo.

Jan. 25, 1928—E COR FIRST & Santa Clara sts, San Jose. Chas Dieter vs Bank of Italy\$158

Jan. 25, 1928—SE FIRST & SAN Fernando sts, San Jose. W I Sinclair vs Rebecca E Bernstein et al.\$300

Jan. 25, 1928—SE FIRST & SAN Fernando sts, San Jose. Leo C Shottenheimer vs Rebecca E Bernstein et al\$324.27

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Jan. 24, 1928—1 1/4 ACRES ON MERIDIAN rd. 520 N Moorpark ave. Tilden Lumber & Mill Co to Sam Giampietro et al.

Jan. 28, 1928—CENTER OAK AVE & Layella ave, Los Gatos, Geo W Schler to Alesandro Pia.

Jan. 27, 1928—LOT 6 BLK 1 N R 5 W. Miller & Lux Western Addn, Gilroy Otis A Brown to Charles Frederick Weddell.

Jan. 27, 1928—20.30 ACRES ON Almond ave ptn Newhall & Wise Tr in sec 29 T 6 & R 2 W. Wallace E Bland to Hiram A Deckelman.

BUILDING PERMITS

REDWOOD CITY

DWELLING , one-story 5-room frame, \$2800; No. 1156 Cleveland Ave., Redwood City; owner, T. Nelson, 111 Hopkins Ave., Redwood City.

DWELLINGS (2) one-story 4-room frame and garages, \$2850 each; owner, Mrs. E. D. Griffith, Redwood City; contractor, Sam Lind, Redwood City.

DWELLING, frame, 5-room and garage, \$2800; No. 1156 Cleveland St., Redwood City; owner, T. Nelson, El Camino Real, Redwood City; contractor, T. Nelson, Highway, Redwood City.

DWELLINGS (2) 4-room frame and garages, \$2250 each; No. 542 and 548 Quartz St., Redwood City; owner, Peninsula Constr. Co., 395 Broadway, Redwood City; contractor, A. Rowan, Redwood City.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

BUILDING
LOT 4, Salinas City. All work for one-story frame building and double garage.
Owner—Mrs. M. Vliet, 215 Market St., Salinas.
Architect—None.
Contractor—C. F. Lang, California and Pine Sts., Salinas.

Filed Jan. 24, 1928. Dated —.
Frame up\$1212.50
Building plastered 1212.50
Building completed..... 1215.50
On presentation of receipt or release from liens for all bills against building Balance
TOTAL COST, \$4850.00

Bond, limit, forfeit, none. Specifications only filed.

SCHOOL
NEAR SOLEDAD (Mission School). All work for one-story concrete grammar school building.
Owner—Board of Trustees of Mission School District, Soledad.
Architect—W. H. Weeks, Hunter Dulin Bldg., San Francisco.
Contractor—The Minton Co., Palo Alto, and Mt. View.

Jan. 21, 1928—W LINCOLN AVE and NE cor of McCash, San Jose. Chas W Lannin to whom it may concern.....Jan. 20, 1928

Jan. 21, 1928—ON 0.50 AC PTDN SANTA Rita Rancho. Thorntie Downs to whom it may concern.....Jan. 20, 1928

Jan. 23, 1928—LOT 71, Kellogg Tract, San Jose. John Buzolich to whom it may concern.....Jan. 14, 1928

Jan. 23, 1928—SW SANTA CLARA & Twentieth Sts., San Jose. Bluma Polissar to whom it may concern.....Jan. 20, 1928

Jan. 24, 1928—VISTA AVE RHODES Tet near Palo Alto. Philipp Grethel to whom it may concern.....Jan. 16, 1928

Jan. 25, 1928—LOT 32 ADAMS SUBD San Jose. J F Steffam Jr to whom it may concern.....Jan. 23, 1928

Jan. 27, 1928—BLDG ON LOT 3, & SW 15 ft of Lot 4, Acequia Lots. Nora Parmenter to whom it may concern.....Jan 27,1928

Jan. 27, 1928—BLDG ON SE MELVILLE Ave 150' SW Webster St SW 75 ft to NE Tasso St & SE 100 ft Ptn Lot 4, Blk 92, Palo Alto, Cal. Oscar P. Campbell to whom it may concern.....Jan. 25, 1928

Jan. 26, 1928—BLDG ON N MARTIN St, 56 ft W Alexander St, Gilroy, Cal. Charles E. Septhorn et al to whom it may concern.....Jan. 24, 1928

Jan. 26, 1928—BLDG ON E BAILEY Ave, 350 ft S Mercy St, Mountain View, Calif. C. A. Pellymounder to whom it may concern.....Jan. 24, 1928

Jan. 26, 1928—BLDG ON LOT 23, Naglee Park Addn. San Jose. H. S. Anderson et al.....Jan. 25, 1926

Jan. 26, 1928—LOT 4 BLK 3 ALBA Parli Addn, Palo Alto. T G Forrester to whom it may concern.....Jan. 24, 1928

Jan. 28, 1928—LOT 7 BLK 5 Mockbee & Weiheimer Addn, Mt View. Mauricia Holguera to whom it may concern.....Jan. 25, 1928

Jan. 28, 1928—NE MORSE 356 NW Randal ave, San Jose. Clyde Alexander to whom it may concern.....Jan. 25, 1928

Filed Jan. 25, 1928. Dated Jan. 20, 1928.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$32,006
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS 10 AND 11 BLK 59, Peninsular Club Properties, Pebble Beach. All work for frame residence.
Owner—Warren J. Clear, Pebble Beach.
Architect—Joseph J. Rankin, 57 Post St., San Francisco.
Contractor—W. H. McConnell, 862 Munras St., Monterey.

Filed Jan. 24, 1928. Dated Jan. 10, 1928.
Frame completed 25%
Roof and walls sheathed and sash installed 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, \$7452
Bond, limit, forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—W. H. McConnell, 862 Munras St., Monterey.

Filed Jan. 24, 1928. Dated Jan. 10, 1928.
Roughing in completed..... 50%
On completion 25%
Usual 35 days..... 25%
TOTAL COST, \$1020
Bond, limit, forfeit, none. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—W. H. McConnell, 862 Munras St., Monterey.
Payments same as above.....
TOTAL COST, \$497
Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
Jan. 19, 1928—LOTS 1 & 2 BLK 19, Monterey Heights. Fred McCrary to whom it may concern.....Jan. 17, 1928

Jan. 24, 1928—PTN LOT 1 BLK 8 Stone's Addn to Salinas, and ptn lot 6 blk 16 Riker & Jackson survey, Salinas. Joseph and Albina Cosco to E L Kenville.....Jan. 24, 1928

Jan. 24, 1928—LOT 8 BLK 22 Spring's Second Add to Salinas. Robert L & Eula B Dey to whom it may concern.....Jan. 24, 1928

Jan. 24, 1928—LOT 1 BLK 5 GEIL, Lang & Kessel Addn to Salinas. Oscar Morton to whom it may concern.....Jan. 20, 1928

Jan. 25, 1928—W 50 OF LOT 15 BLK 17 Little's Map New Monterey. Fred J Lazzarini to M M AbcarateJan. 24, 1928

Jan. 26, 1928—PARCEL ON MAIN ST, Salinas, Salinas Union High School Dist to J H Graham.Jan. 26, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount
Jan. 25, 1928—LOTS 2, 4 and 6 BLK 87 Third Addn Pacific Grove Retreat Grounds, Pacific Grove. C L Frost vs Floyd E Bryant.....\$223.50

BUILDING PERMITS

STOCKTON

CLEANING and dyeing plant, \$8000; 340 W Harding way; owner, A. O. Cannon and T. P. Freeman.

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Jan. 24, 1928—SE SAN FERNANDO and First sts, San Jose. Geo A Kelly vs Fred W Hollman et al.....\$132.50

Jan. 26, 1928—3 ACRES ON MURRAY ave, H P Atkinson vs George Mullenberg et al\$427.10

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

RESIDENCE and garage, \$4300; 2310 Beverly place, Stockton; owner, Robert Wagner, 1050 W Harding way.
RESIDENCE and garage, \$3600; 117 E Sonoma, Stockton; owner, E. R. Hubbard.
RESIDENCE and garage, \$1650; 1735 W Willow, owner, A. Berry, 2147 E Market.

BUILDING PERMITS

RICHMOND

REMODEL frame building with store and flats, \$3000; 16th and Chanslor; owner, S. Phillips, 193 Espee ave; architect, DeSanno & Bedwell, 10th and MacDonald; contractor, N. Green, 2027 Gaynor.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Jan. 26, 1928—LOT 8 BLK 25, Supplement to Survey No. 2993, Stockton. William E Roberts to whom it may concern.....Jan. 26, 1928

BUILDING PERMITS

SACRAMENTO

HOTEL and store building, three-story and basement brick, \$45,000; No. 321-323 J St., Sacramento; owner, Chas. H. Crocker, 1543 52nd St., Sacramento contractor, Geo. D. Hudnut & Son, 1915 S St., Sacramento.
RESIDENCE, 6-room and garage, \$8870; No. 920 46th St., Sacramento; owner, S. J. Dillon, 1415½ 7th Ave., Sacramento; contractor, R. L. Hathaway, 720 Redwood Ave., Sacramento.
RESIDENCE, 5 rooms and garage, \$5800; 2900 S st., Sacramento; owner, Thos. Hunt, 1510 30th st.

RESIDENCE, 6 rooms and garage, \$1500, 2800 2nd ave., Sacramento; owner, T. Cavanaugh, 432 San Miguel way.
RESIDENCE, 6 rooms and garage, \$4000, 3133 T st., Sacramento; owner, J Hawk, 3117 T st.
RESIDENCES, 7 6-room and garage, \$4000 each; 2932 Freeport blvd., 1817, 1809, 1813 Larkin way, 2567, 2557, 2583 19th st., Sacramento; owner, Gus Thiery, 505 J st.
RESIDENCE, 5 rooms and garage, \$4000, 1724 41st st., Sacramento; owner, Roy A Palm, 3118 N st; contractor, Paul R Opdyke, 3239 E st.
RESIDENCE, 6 rooms, \$5000; 816 P st., Sacramento; owner, Mary Boraja, 812 P st.; contractor, C. Vanina, 2022 M st.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Jan. 24 1928—LOT 239 Heibron Oaks. Mrs. Clara C Nauman to whom it may concern.....Jan. 14, 1928

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Jan. 18, 1928—LOT 143 HOMELAND, Sacramento. S E Brockway to Freda M Whyte.....\$1810

BUILDING PERMITS

FRESNO

ALTERATIONS and additions, \$1000; No. 1134 Broadway, Fresno; owner, Lyons Parker, 2056 Hazelwood St., Fresno; contractor, Montgomery-Ward.
DWELLING and garage, \$5400; No. 502 Clinton Ave., Fresno; owner, Taylor & Wheeler, Brix Bldg., Fresno.

COMPLETION NOTICES

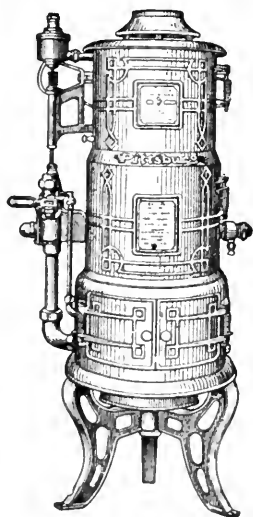
FRESNO COUNTY

Recorded Jan. 27, 1928—LONGFELLOW JUNIOR High School gymnasium, Fresno City High School to McMullin, Fuller (2 contractors)Jan. 26, 1928
Jan. 27, 1928—THEODORE Roosevelt High School, Fresno City High School Dist to Ribbon Mfg. Remington-Rand (2 contractors)Jan. 26, 1928
Jan. 27, 1928—WASHINGTON JUNIOR High School gymnasium, Fresno City High School Dist to McKenzie, U S Metal (2 contractors)Jan. 26, 1928
Jan. 26, 1928—LOTS 21 AND 24 Blk 22, Hay's Addition, Fresno. Steafather Grover to whom it may concern.....Jan. 23, 1928
Jan. 28, 1928—W 50 FT. OF E 150 FT. Lot 2, Blossom Park, Fresno. Robt J Hastings to whom it may concern.....Jan. 23, 1928
Jan. 18, 1928—WASHINGTON JR. High School gymnasium, Fresno City High School Dist to Paul Kinder.....Jan. 12, 1928
Jan. 18, 1928—EDISON TECHNICAL School, Fresno City High School Dist to Remington-Rand, Standard Electric (2 completions)Jan. 12, 1928
Jan. 18, 1928—LONGFELLOW JUNIOR High School gymnasium, Fresno City High School Dist to M Madsen, N L McKenzie and T H Curry (3 completions)Jan. 12, 1928
Jan. 18, 1928—JOHN BURROUGHS Elementary School, City of Fresno School Dist to Valley Lumber Co.....Jan. 12, 1928

LIENS FILED

FRESNO COUNTY

Recorded Jan. 21, 1928—LOTS 30, 31 BLK 4 Lincoln Terrace Fresno; T J Miller vs Conrad Madrigal and S C and Edith C Ramage.....\$102



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

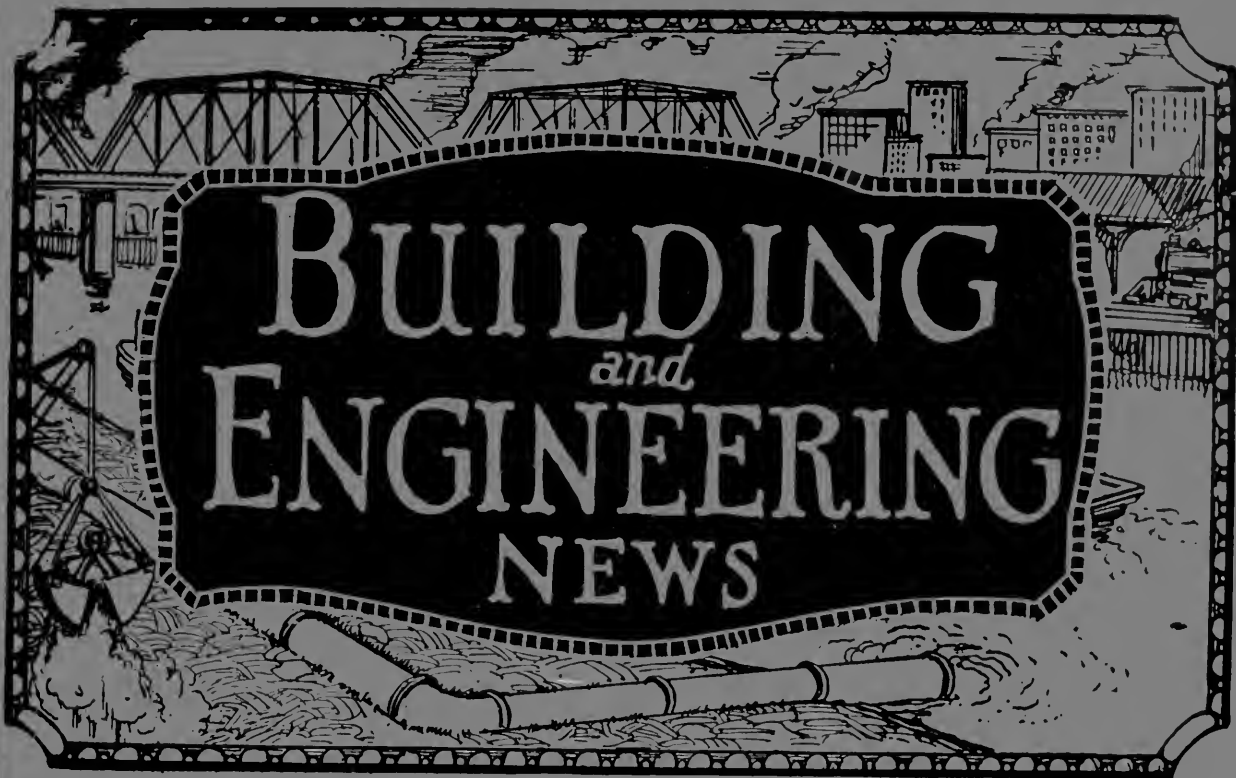
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF.,

FEBRUARY 11, 1928

Published Every Saturday
Twenty-eighth Year No. 6

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

**here
is
an
idea**

For Sale

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., FEBRUARY 11, 1928

Twenty-eighth Year No. 6



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

INTERNATIONAL HOUSE PLANS TO
BE STUDIED BY U. OF C.

To study plans for the International House which is to be built at the University of California by John D. Rockefeller Jr., Robert G. Sproul, vice president and comptroller of the University has left Berkeley on a trip to New York and other eastern states.

Sproul plans to study the plans from the point of view of construction, business management and the handling of its activities. The International House in New York, also given by Rockefeller, is a residence for students attending several universities and colleges, but its operation from a business standpoint, in which Sproul's interest lies, will give information that will be of much assistance in the problems that will arise at the Berkeley International House, it is believed.

While in New York, Sproul will speak before the students in the International House there, at the invitation of Rockefeller, on Sunday, February 19.

During his trip East, Sproul also will make a study of dormitory management, in view of the fact that the Bowles Dormitory now is under construction and will be ready for occupancy next year.

George W. Kelham, supervising architect of the University of California, will accompany Sproul to assist in the study of construction problems.

ENGINEERS INSPECT DAM

Members and friends of the Stockton Chapter, American Association of Engineers, visited the Lancha Plana dam site of the East Bay Municipal Utility District, Feb. 5, as guests of Guy Atkinson, general contractor on the project. All phases of the work, including the gravel quarry and the four-mile tramway for conveying the gravel to the giant concrete mixer at the site, were inspected. The party of more than 50 were guests of the construction company at a dinner served in the camp mess hall. The committee in charge of the trip was composed of W. B. Hogan, city engineer of Stockton; R. W. Evans and Fred R. Beerman.

METHOD TO DETERMINE STRESS IN CURVED FLEXURAL MEMBERS

Curved members subjected to bending are important elements in many engineering machines and structures. Although the ordinary flexure formula, which gives reliable values for the primary stresses in straight beams or flexural members, is still widely used in design of curved flexural members, it gives values for stress that may be much too small when applied to such members.

The Winkler-Bach formula, commonly used, has been shown to give results that agree well with the stresses found from experimental measurements of curved beams made of steel. The equation also satisfies the limiting condition of reducing to the ordinary flexure formula when the radius of curvature becomes very large. It has, however, a serious disadvantage because of its difficulty of application, the difficulty being in evaluating the property Z of the cross-section. The evaluation of this property of the area by an analytical method is complicated for all sections except for the circle and the rectangle; and even for the simpler ordinary composite sections, as for instance the I or T sections, the expression becomes too complicated for quick or accurate solution.

The use of the straight-beam flexure formula with a correction factor has frequently been suggested, but up to the present time no values for the correction factor, K , have been available, except for circular and rectangular sections.

It was the object of the investigation reported in Circular No. 16 of the Engineering Experiment Station of the University of Illinois, therefore, to determine accurate values of the correction factor K for variously shaped sections and for degrees of curvature commonly found in curved flexural members; and thus to make available the results of the curved-beam theory with out involving the usual difficulties and errors encountered in determining the value of Z and in using the more involved curved-beam formula. The location of a neutral axis in a curved beam, a knowledge of which is sometimes of real value, is also given for various cross-sections and degrees of curvature.

Copies of Circular No. 16 may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

BIDS FOR HERNDON BRIDGE TO BE ASKED SHORTLY

Bids will be asked shortly by the California State Highway Commission to construct the \$220,000 bridge over the San Joaquin river west of Herndon. The proposed bridge which will eliminate two railroad crossings, shows that it will consist of four 162-foot deck steel truss spans and one 66-foot deck girder span supported by concrete piers which in turn rest on a pile foundation. The deck and curbs and end posts are to be constructed of reinforced concrete. The structure will provide a thirty-foot clear width of roadway, the tress being designed so that a ten-foot width of roadway may be added as traffic conditions demand. A re-location of the state highway west of the Southern Pacific railroad tracks will be necessary.

PORTLAND CONTRACTORS HONOR STATE ENGINEER PURCELL

The executive board of the Associated General Contractors of America, Portland Chapter, when informed of the resignation of Charles H. Purcell, district engineer, U. S. Bureau of Public Roads, to accept service as State Highway Engineer of California, and spread on its minutes the following testimonial:

Whereas, Chas. H. Purcell has been for many years District Engineer of the U. S. Bureau of Public Roads in the territory comprised within Washington, Oregon, Idaho and Montana with headquarters at Portland, Ore., and

Whereas, Mr. Purcell has resigned this position to accept service as State Highway Engineer of California, and

Whereas, he has endeared himself to the construction industry by his resolute character, four square, staunch and fearless fairness, by his stalwart principles and the administrative excellence of his methods of handling the responsibilities entrusted to him, and

Whereas, his skill as an engineer, his breadth of view and broad vision of the arterial highway developments in this vast thinly populated region have been made manifest to all of the public as well as to all those most concerned in highway development, construction and use,

Therefore, be it resolved, that this resolution be spread on our minutes, be transmitted to Mr. Purcell, to the California chapters of the Associated General Contractors, to the chief of the U. S. Bureau of Public Roads, to the State Highway Commission of California, and others interested, as a feeling of our lasting esteem, as a token of our congratulation to the State of California in its selection of Mr. Purcell as a token of our well wishing to a warm friend and sage counselor as a further mark of our regret at his leaving this vicinity, as a token of our appreciation of his endeavors to raise standards of business in the construction industry, as an assurance of appreciation of the manly and brilliant manner of a man who has grown to the highest place in our respect and esteem through the years of our contact ever increasing, as a mark of our earnest good wishes which will follow him in his new field of endeavor.

Done February 1, 1928, by the Executive Board.

Associated General Contractors of America, Portland Chapter.
Attest: G. B. HERRINGTON,
Executive Secretary.

F. R. REIMERS, OAKLAND ARCHITECT, SUED BY EX-PARTNER

Charging that Frederick H. Reimers, Oakland architect, had collected money in excess of \$6500 and had refused an accounting, James V. Short, his former business partner, has filed suit in the Alameda County Superior Court for a receiver.

On September 1, 1924, Reimers and Short entered into a partnership to design and construct buildings, Reimer to handle the architectural end of the business and Short to handle construction and office management end of the business.

Short's complaint recites that Reimers has collected in excess of \$54,000 and paid out \$46,634, leaving a balance of \$6550 which has not been accounted for.

In addition to this Short asks judgment for an additional \$8000, alleging that Reimers is indebted to him in this sum and that it has never been paid. He asks a receiver be appointed and that an accounting be rendered him.

BUILDING MONEY DISTRIBUTED WITH CAUTION—RENTAL SITUATION IS BETTER

"A survey of building activity for the first month of 1928 brings much satisfaction to the conservative mortgage banker," according to the Economic Research Bureau of the American Bond and Mortgage Co. The report continues:

"The present optimism among realty bond houses is due to several basic factors. First, the problem of over-speculation in the supplying of housing has taken care of itself. Today there is probably less speculative building of housing than there has been since 1919, because the speculative builder is finding it difficult to secure funds for the financing of his projects. This is encouraging to all the conservative forces in the industry.

Banks Watch Progress

"Banks especially, being more interested in the building industry than they have ever been before, are watching building progress closely, and extending accommodations to builders with the greatest care and forethought; thus giving an even greater stability to the building problem, than has been known for a number of years.

"Again, the total volume of building during 1928 it is thought will be as great if not greater than that of 1927, but the character of a much larger percentage of buildings produced will be of a public or quasi-public nature instead of housing projects which made up so large a percentage of the building program for the past few years.

"Some months ago when wages in the building trades ceased to advance it was felt that a period of stabilization of costs had arrived. Consequently, the plans for public works and industrial buildings which had been held in abeyance for some time gathered headway and have now attained considerable momentum.

Rental Reductions Seen

"Looking further into the situation it would seem that there is nothing that would give encouragement to the belief that a substantial reduction in rentals will come about in 1928. The de-

cline in rentals which has been going forward for the past six months is now practically checked.

"Rents depend upon the cost of producing buildings, and this cost has a large percentage of labor in it. At present labor is resisting any downward movement in wages; thus the only reduction that can be hoped for in the cost of buildings is in the supplying of materials. Material men are at the present time endeavoring to stop losses and to hold firm on material prices by the strengthening of credits and by reducing the cost of their distribution.

Competition Is Keen

"However, competition is becoming keener due to a slowing up in the production of new housing and some realty bond houses are adopting the policy of offering bonds almost exclusively on completed structures. Therefore, it is felt that a reasonable reduction in the cost of building materials may be looked for during the next few months.

"This reduction in the production of new housing is tending, slowly but surely, to fill up those apartments, hotels and office buildings which have been completed during the past year or so.

Over-Judge Vacancies

"It is apparent that there has been a tendency to over-judge the amount of vacancies in offices and apartments, throughout the country. This has been due to the fact that not enough consideration has been given to the dates when buildings have been completed and ready for occupancy. It being a vital factor to have them ready for occupancy at the commencement of the rental season.

"Vacancies are found to occur in larger quantities in those buildings which could not be made ready for occupancy before October 1. Such structures will have to wait until the next renting season to arrive at a normal state of occupancy. These buildings are by no means an indication of the rental situation although they may appear so upon superficial examination."

EXCELLENT PROSPECTS PREDICTED FOR BRICK INDUSTRY

The monthly digest of the Common Brick Manufacturers' Association of America, declares the prospect of the common brick industry for the current year are excellent—for two principal reasons, as follows:

All forecasts of building volume for the coming year indicate an activity at least equaling that of 1927 and probably exceeding it. Such forecasts as those of the P. W. Dodge Co., Babson's, S. W. Straus and that hitherto accurate one prepared by C. Stanley Taylor for Architectural Forum, all indicate a slight upward trend in volume. Hence, the demand may be assumed as satisfactory.

From studies made by this association, and more especially by local group secretaries, more accurate information regarding local and seasonal demands is available, thus permitting production to more nearly coincide with consumption and so obviating the evils of stagnant stocks. So-called "hand-to-mouth" buying prevails to a greater extent in the brick industry than in many others. Unlimited production, with its attendant results, might adversely affect the brick industry in the same manner as others, which effect we are just now hearing so much about. When consumption can be accurately anticipated, production can be partly regulated to keep in step with it and so prevent the waste and loss of stored yard stocks.

BERKELEY PROPOSED BUILDING CODE REVISIONS

Stanley P. Koch, building inspector of Berkeley, has recommended to the city council three important changes in the city's building regulations.

The first suggests the repeal of the building code on the grounds that it is entirely superceded by provisions contained in the State building code. The second recommendation includes provisions to regulate the size of side yards in the city with regard to materials used in side wall construction. This recommendation also asks for an amendment to the State building code if applied to Berkeley.

The third recommendation placed before the council suggests the provision for the inspection of all hotels and apartment houses at least once each year. Owners of property inspected are to pay for the services of the inspectors, which charges are not to exceed \$5 nor be less than \$1.50.

ELEVEN ELECTRIC SLAVES FOR EACH AMERICAN FAMILY

The estimated output of nearly 80,000,000,000 kilowatt-hours of electric power for the United States in 1927, if it could be converted into equivalent man power, would provide the average family of about four persons in the United States with the services of eleven able-bodied mechanical laborers working eight hours daily, including Sundays and holidays, at a total cost for the eleven of about \$75 a year.

The total production of electricity by public-utility power plants in 1927 is estimated by the Department of the Interior, through the Geological Survey, at about 79,700,000,000 kilowatt-hours, an increase of about 8 per cent over the output for 1926, which was 73,791,000,000 kilowatt-hours. The estimate for 1927 is based on reports of monthly output of electricity by public-utility power plants for the 11 months, January to November, and estimated figures of output for December. The latest monthly report, released January 4, contains the figures of monthly output for September, October and November.

ALAMEDA-MARIN COUNTY BRIDGE IS LATEST S. F. BAY BRIDGE PROPOSAL

Plans for the construction of a 6½-mile, \$18,000,000 vehicular bridge spanning San Francisco bay from Albany in Alameda county to Tiburon in Marin county, have been filed with the Alameda County Board of Supervisors by T. A. Tomasini, bay capitalist.

The bridge proposed is to have a clearance above high tide of 150 feet for practically its entire length of six and a half miles. Two large spans, one 1000 feet and one 800 feet in length, will leave the shipping channels of the bay clear for travel.

Through the two channels all but five of the largest vessels afloat may pass beneath the span of the bridge. The wider channel is used by boats traveling to Richmond and Vallejo and the narrower channel chiefly by ferries to Berkeley and Richmond.

The Marin county terminal of the bridge will be situated upon a hill near Tiburon, and the approach to the bridge

will be built from the hill to the bridge-head at a height of 150 feet above high tide. The Alameda county terminal at Albany will be constructed at grade level but will climb almost immediately to the 150-foot height of the general bridge level.

If Tomasini is granted a permit to construct the bridge by the Alameda county supervisors he then will have to apply to the United States War Department at Washington for approval of his plans. Tomasini originally planned to construct a \$20,000,000 bridge from Point San Pablo in Contra Costa county to San Pedro Hill in Marin county, but abandoned this project in favor of the Albany location which makes possible, he contends, a saving of \$2,000,000.

Two other projects for spanning San Francisco bay in that locality are being considered now, one by the Richmond-San Rafael Ferry Co. and one by the Richmond-San Rafael Bridge, Inc.

McCLINTIC-MARSHALL COMPANY TAKES OVER PLANT OF CENTRAL IRON WORKS

McClintic-Marshall Company of Pittsburgh, Pa., announces the purchase of the Central Iron Works of San Francisco and will enlarge its present output of fabricated structural steel.

The Central Iron Works was organized by A. A. Devoto about 28 years ago and has been one of the important factors in the building of San Francisco. Effective February 1, the plant will operate under the name of McClintic-Marshall Company Central Works.

The new company takes over in its entirety the Central organization, including Mr. Devoto as general manager, and Mr. Charlton as manager of works. In addition, Harry Mortenson becomes a part of the new organization in the capacity of secretary.

McClintic-Marshall Company is said to be the largest independent manufac-

turer of structural steel work in the world. The company operates shops at Pittsburgh, Pa.; Pottstown, Pa.; Chicago, Ill., and Los Angeles, Cal.

McClintic-Marshall Company has constructed some of the largest bridges and steel structures in the world. They are now engaged in building the Detroit-Windsor bridge over the Detroit river at Detroit, a \$25,000,000 project. They are also constructing the Fort Lee bridge over the Hudson river at New York City. The latter bridge will be by far the largest bridge in the world, being almost exactly twice the clear span of the Philadelphia-Camden bridge. McClintic-Marshall Company was the builder of the bridge over the Hudson river for the New York Central Railroad at Castleton, New York, and similar heavy construction projects throughout the world.

STANDARD HANDBOOK OF STEEL CONSTRUCTION OFF PRESS.

The Standard Handbook of steel construction as compiled by the American Institute of Steel Construction, 285 Madison ave., New York, is off the press. The handbook contains 384 pages of data indispensable to the designer and specification writer. Its contents include the A. I. S. C. Standard Specification for Structural Steel for Buildings, the A. I. S. C. Standard Specification for Fireproofing Structural Steel Buildings, and the A. I. S. C. Code of Standard Practice.

There will also be found in the handbook a large amount of additional information previously unobtainable in printed form, or obtainable only from widely scattered sources. Data regarding the new shapes recently produced by various rolling mills is complete up to date of issue.

Copies of the handbook may be obtained from any of the members of the American Institute of Steel Construction. Copies may also be obtained from the Institute direct at a cost of \$1.50 a copy.

LACK OF INSPECTION ON CITY WORK CHARGED TO BOARD OF PUBLIC WORKS

The San Francisco Board of Public Works is under fire from two angles.

Timothy Reardon, head of the board, scarcely had finished denying charges of graft by city contractors when Albert Evers, secretary of the Northern California Chapter of the American Institute of Architects, declared that "building inspection in San Francisco is deplorably lax."

The assertions of the architects were made at a recent meeting. They tempered the harshness of the charges, though, by adopting a resolution complimenting the board of public works on its action in appointing an advisory committee to look into the situation.

Mr. Evers declared that at least 50 per cent of applicants for building permits are giving false low estimates of cost.

"They are charged so much per \$1000 on the cost of the proposed building for the permit," he said. The law says that this cost-estimate must be made when the permit is issued.

"In almost every case the estimate is made by the applicant and not by the city, and it is far too low. If the building costs more than the stated estimate,

the builder does not pay an additional fee."

Mr. Evers asserted that all permits should be thoroughly examined by a competent engineer. He recommended a complete revision of the building code and the employment of more engineers and inspectors.

The other current difficulty of the Board of Public Works arose out of a charge made Thursday by Walter D. Jackson, a member of the Bricklayers' Union, at a meeting of the street committee of the Board of Supervisors. Jackson asserted that contractors on street and sewer work were grafting. Reardon denied these charges flatly.

His denial was supplemented by one from City Engineer M. M. O'Shaughnessy.

Supervisor Andrew Gallagher of the street committee, however, declared that the committee was going to "get to the bottom of the matter."

"The street committee has a well-founded opinion," he said, "that the public is not getting its money's worth out of work done for the city by private contract."

INDUSTRIAL ACTIVITY DECLINES IN TWELFTH FEDERAL DISTRICT

In the Twelfth Federal Reserve District the year 1927 witnessed a decline in industrial activity, the maintenance of trade at active levels, improvement in the economic position of agriculture, and a slight downward movement of the general price level.

Changes in banking and credit conditions during the year have reflected, with considerable accuracy, seasonal and other changes in the general business situation. The usual spring, autumn, and holiday or year-end peaks of credit demand were experienced, but in the latter half of the year changes in the pace of business served to modify seasonal movements in demand for funds. Over the year period commercial loans of reporting member banks declined 11 million dollars while loans on securities and other collateral increased by twice that amount. Both time and demand deposits at these banks increased during 1927, but the increase in time deposits was greater, both actually and relatively, than the increase in demand deposits. Member banks have used these additional funds to liquidate their indebtedness at the Reserve Bank, and to increase their investment holdings. Condition statements of the Federal Reserve Bank of San Francisco, at the opening of 1928, showed little change from similar statements issued at the beginning of 1927. Interest rates ranged generally lower during the first weeks of January, 1928, than during January, 1927.

Decreased activity in building, lumbering, and food products industries were principally responsible for the lower level of industrial activity prevailing during 1927 as compared with 1926. Industrial production decreased during the last three-quarters of the year and employment in industry declined. An unusually large migration of workers into the district during the last months of the year added to the volume of seasonal mid-winter unemployment.

HYDRAULICKING LANDSLIDES OFF OF HIGHWAYS

How the monitor of hydraulic mining days is being utilized for the purpose of removing landslides from state highways is told in the January number of California Highways and Public Works, the official journal of the State Department of Public Works. District Engineer T. A. Bedford tells of the success that has met this method of combating landslides on the Redwood Highway in Humboldt county. He reports dirt moved rapidly at a cost of 10 cents a cubic yard.

STEADY DECLINE NOTED IN STEEL OPERATIONS—U. S. STEEL REPORT SHOWS

The United States Steel Corporation reports total earnings of \$31,247,529 in the final quarter of 1927, bringing the aggregate for the year to \$164,246,545. This compared with total earnings of \$199,058,869 for 1926 while the figures for the last quarter of that year was placed at \$53,502,525.

Giving further evidence of the steady decline in steel operations during the year, net income in the final quarter fell to \$17,682,602, nearly 10 millions under the previous quarter and more than twenty-two millions below the corresponding period of 1926. Net income for the full year amounted to \$105,366,988 compared with \$134,837,957 in the year before.

Because of the increase in the number of shares outstanding due to the 40 per cent stock dividend last year, the corporation's earnings on the com-

mon stock dropped to \$1.05 a share. This apparently was less than a quarter of the \$4.88 a share earned in the final period of 1926. Earnings for the year likewise showed a wide discrepancy, declining to \$8.80 a share against \$17.99 in 1926. Last year's earnings were computed on a basis of 7,116,235 shares of common against 5,083,025 at the end of the foregoing year.

Last quarter earnings per share were insufficient to pay the regularly quarterly dividend of \$1.75 a share on the common stock and a deficit of \$4,963,499 resulted after dividends were deducted. A like dividend was declared on the preferred, maintaining the year's disbursements on both issues at the rate of \$7 annually after deducting the last quarter deficit, the corporation showed a surplus for the year of \$12,812,134. This compared with surplus at the close of 1926 of \$25,866,552.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

That the job of the present State Highway Commission is to push along the work of constructing the state road system to completion, is the opinion voiced by Commissioner J. P. Baumgartner of Santa Ana, in the January issue of California Highways and Public Works, the official journal of the State Department of Public Works.

Here are the things that Mr. Baumgartner lists that the Commission should do and should not do:

1. It will exert every effort, consistent with good engineering and construction principles to "begin to finish" the state highway system as originally planned.

2. It will build state roads only and will not add or sanction the addition of other roads to the state system until those now in the system have been built.

3. Precedence in road building will be governed by present and prospective traffic requirements and necessities.

4. No state road will be built on inadequate right-of-way.

Mr. Baumgartner's article is a plea for state-wide vision upon the part of the people in regard to its state highway system. He concludes his article with these paragraphs:

"Between the northern and southern parts of the state there can be no sensible or justifiable conflict of interests in highway construction. An equitable division of funds has been affected by both law and policy, and the average character of development in all parts of the state is essentially the same. Time was when recreational and tourist business was largely confined to southern California, and it is still more prominent and extensive in that part of the state than in the central and northern parts; but its development in the latter parts during recent years has been tremendous and the unquestionable attractions and resources of these parts are such as to give assurance of the continuance of such development on an ever increasing scale. Every mile of good roads built in northern California will benefit southern California almost if not quite equally with every county in which it is built, and the same is true with respect to the benefits that will accrue to northern California by the building of good roads anywhere south of the Tehachaplast.

"So, with all interests and all sections of our great and beautiful state catching the vision of its ultimate beauty and greatness, let us move forward toward our shining goal."

Foreign trade while brisk in the first nine months of 1927, gaining volume in a number of products, also fell off considerably in other items. The chief export gains were in lumber, asphalt, paints and varnishes. Rails totaled 137,000 gross tons, a gain of 4.8 per cent. Rail production in all 1926 totaled 3,217,000 tons, of which 5.8 per cent was exported. Cement exports amounted to 0.5 per cent of production in the first nine months, a decline of 18 per cent; imports, though amounting to 1,230,000 bbl., declined 44.6 per cent from 1926. Other noteworthy declines were in structural steel exports (14 per cent), and railway track materials except rails (22 per cent). Imports gained chiefly in iron and steel products; bars and ingots declined 23 per cent.

Lumber exports of \$155,235,000 in 1927 surpassed the value of every past year except 1920, which was an abnormal year, the commerce department announces. The gain over 1926 was 8 per cent.

One of the leading architects of France, M. Le Corbusier, has a plan to make Paris a city of skyscrapers, with avenues 20 yards wide and cross streets at intervals of 350 or 450 yards. An immense structure of 60 floors would be built in the center of each of the enormous blocks. In the heart of the new capital M. Le Corbusier would have a subterranean railroad terminal feeding all lines running out of the city and an overhead airport for aircraft, the street surface being reserved for automobile traffic. In this manner, the architect contends in his book "Urbanism" Paris would consist of two cities, one devoted to business, the other a residential district, separated by a main avenue running from east to west. He believes that the initial outlay in condemnation proceeding and rebuilding, estimated at a billion dollars, would be amply repaid by the increased efficiency and real estate income.

First mortgage real estate financing in the United States during 1927 established a new high record, the total volume of new offerings aggregating \$1,016,289,600, according to statistics compiled by the Building Economic Research Bureau of the American Bond and Mortgage Company. This is an increase of 12 per cent over 1926, the previous record year for real estate investment issues. The bureau's figures which covered realty offerings of \$100,000 upwards, showed that more than 54 per cent of the 1927 financing was secured by first mortgages on properties in the New York metropolitan district and Chicago. Thirty-seven per cent or \$376,248,350, of the issues were used for financing construction in New York, while in Chicago, where heavy apartment and office building financing has been in progress, the volume of new offerings reached \$173,245,000.

Organization of Willapa Pulp & Paper Mills, an Oregon corporation with assets of \$2,130,000, is announced. The company has acquired all the physical properties, free of all indebtedness, of the Columbia Box & Lumber Co., comprising the plant site of approximately 80 acres on Willapa harbor, Wash. Under the supervision of R. A. Swain, president, and one of the foremost industrialists of the Pacific Northwest, a pulp mill of 50 to 60 tons daily minimum production is to be constructed on the property and is expected to be in operation before September 15. It was stated that the entire sulphate pulp output of the company has been contracted for a market prices over a period of 10 years by the Bulkley Dunton Co., New York City, one of the largest pulp and paper factories in the business.

Burns & McDonnell Engineering Co., consulting engineers, Kansas, Mo., and Los Angeles, Calif., have issued a 32-page booklet being the story both in text and illustrations of some of the important projects undertaken by this company in all parts of the United States in the field of water purification. The booklet's purpose as conceived by its authors is to "further encourage municipalities to better domestic and industrial water supplies."

Red River Lumber Company is making surveys for a logging railroad from Susanville to tap the company's holdings to the north and west of Susanville.

B. J. Williams, director of sales of the Paraffine Companies, Inc., recently returned from a trip to the Pacific Northwest for the purpose of conferring with district managers to outline plans of the company for the current year. His trip included stops at Portland, Seattle, Tacoma and Olympia.

Due to the increased demand for steel, unfilled tonnage of the U. S. Steel Corporation at the close of December will show a gain of more than 200,000 tons, and probably may exceed 300,000 tons. Should this develop, it would be the largest increase in bookings since December, 1925. Unfilled orders at the close of November were 3,341,000 tons.

Demand for electrical equipment continues to show moderate improvement with orders from industrial plants more active than in some time past. Inquiries for apparatus from power companies have increased, Electrical World reports. Several large power projects have been announced in the South and Pacific Coast and the outlook for sales is encouraging.

Two suits to recover costs of materials totaling \$17,878.96 have been filed in the Butte county superior court against the Charles S. Mabrey Company of Sacramento. The Diamond Match Company sued for \$14,587.89 plus \$1500 attorney fees for material used in the Chico Veterans' Memorial Hall and the Booth-Herbooth Company of Marysville entered suit to recover \$3,291.07 plus \$600 for attorney fees for the installation of a heating plant. The complaints allege that the defendant company has failed to meet the obligations to the two plaintiffs.

That the lumber industry will soon rise from its depressed state is the belief of The Brookmire Economic Service, Inc. If output is held within reasonable limits during the period immediately ahead, producers will undoubtedly be able to command prices for their product which will permit betterment in profit margins. The critical stage in production has probably been reached and the economists feel confident that by early spring prices will feel the stimulus of increased demand. General business activity shows signs of revival and during the next few months at least the consumption of lumber by industrial users is likely to grow in volume.

Union wage rates which have been marked by an almost uninterrupted increase for the past 20 years continued their steady advance into the present year, the Bureau of Labor Statistics, Department of Labor, has just announced on the basis of its annual survey covering most of the time-work trades in 66 important industrial cities. According to the Bureau, union wage rates in these cities showed an average of \$1.19 per hour in 1927 compared with an average of slightly less than \$1.15 in the preceding year.

San Francisco will vote on the proposal to issue bonds of \$40,000,000 at the May election to purchase the properties of the Spring Valley Water Company. At the same time the proposition to issue bonds of \$24,000,000 to finance Hetch Hetchy construction will be submitted.

M. M. O'Shaughnessy, city engineer of San Francisco, urges a \$5,000,000 bond issue to finance reconstruction of the city sewer system. Immediate construction of the Fillmore street storm sewer is urged by the engineer, at a cost of \$750,000.

Expenditure of \$40,000,000 over an eight-year period on forest lands along watersheds has been approved by the U. S. Senate. A bill by Senator McNary of Oregon calling for the project was passed and sent to the house. An amendment by Senator Overman, Democrat, of North Carolina, would restrict purchases of 1,000,000 acres except for purposes of flood control.

Purchase of six retail lumber yards, involving approximately \$500,000 from the Columbia Valley Lumber Company by the Columbia Lumber Company of Seattle, is announced by W. C. Miller, president of the latter concern. Accompanying the announcement was a statement by Miller that the capital stock had been increased from \$175,000 to \$350,000. The deal includes two yards at Wenatchee and one each at Cashmere, Monitor, Dryden and Mansfield, giving the company control of 14 yards in the State of Washington.

Bert B. Meek, state director of Public Works, announces that, in consequence of an act of the 1927 Legislature, he has instructed the State Division of Highways to begin an exhaustive investigation of private toll bridges operated as connecting links of the state highway system. The investigation, Meek said, will be comprehensive so that the report to the next Legislature will acquaint the legislators with every phase of the toll bridge problem, including traffic count, revenues and cost of operation. The 1927 act provides that the reported to the 1929 session shall embody recommendations with reference to the state taking over private toll bridges, with a plan for financing their acquisition and amortization of the cost.

Los Angeles capitalists are said to be considering the construction of a \$20,000,000 pipe line from Kern county to convey natural gas to San Joaquin valley points and the San Francisco Bay region.

A. L. Trowbridge, chief engineer for the Kern River Water Storage District, in a report submitted to the Farmers Protective Association, estimates the cost of the proposed water project at \$12,210,000, itemized as follows: Storage of 150,000 ac. ft. of water back of high dam at Isabella, \$2,732,500; canal system, physical works, \$5,225,852; ground water replenishment works, \$227,718; district pumping system, \$1,642,800; surface drainage system, \$259,962; purchase of water rights, \$2,057,987; preliminary engineering, \$37,181; spreading assessment, \$25,000.

In a discussion on bridge design at a recent meeting of the Western Society of Engineers it was remarked by Mr. Reichmann, of the American Bridge Co., that the ordinary truss span nowadays are not often erected by means of overhead travelers, but mainly by locomotive cranes having long booms. This latter method saves a heavy investment in the traveler, saves much time and saves many men who would otherwise be required. To the objection that erection by cantilevering is slow on account of the handling of material, Mr. Reichmann replied that this method is not necessarily slow if the plant layout is designed for bringing the material forward rapidly.

The Stockton city council will investigate the feasibility of the city owning its own electrical distributing system. Preliminary estimates place the cost of construction at \$2,000,000.

TRADE NOTES

Edward N. McLaughlin, recently named city electrical inspector of Richmond, assumed his duties Feb. 1.

Julian Mouroi, 72, pioneer architect of Modesto, died in that city Feb. 1. He resided in Modesto for the past 45 years.

City manager form of government is proposed for Walnut Creek by the Walnut Creek Chamber of Commerce. Public meetings will be held to advance the proposal.

Application for membership in the San Francisco Builders' Exchange has been filed by the Atlas Hauling & Grading Company.

Francis J. Catton, architect, formerly of Los Angeles, announces the opening of offices for the practice of architecture at 358 Sutter St., San Francisco. Mr. Catton was formerly architect with the Los Angeles Board of Education.

George Schwind has been appointed a member of the board of examiners of the department of electricity of the city of San Jose. He succeeds I. B. Allen, whose term expired. Other members of the board are: R. M. Altmire, S. E. Benoit, Samuel Pearce, E. Theo. Russell and Frank Shelley.

Henry Stammer, 80, president of the Garden City Pottery Co., and pioneer brick man, died in San Jose, Feb. 4, following an automobile accident. A son and two sisters survive.

Lawrence E. Schultz, former grid star and member of the Santa Clara University campus engineering society, has left for Mexico to enter the employ of a civil engineering organization. Schultz graduated from the Santa Clara University in 1927 and since that time was in the employ of the city engineer's office at San Jose.

Ellery Young, 66, manager of the Pacific Manufacturing Company and prominent in the Santa Clara Valley section as a lumber man died in San Jose, Feb. 2. Besides his widow he is survived by two children, to sisters and two brothers.

The Southern California Edison Company is obtaining rights-of-way for a 120,000 volt high tension line 44 miles in length from Saticoy to the Castaic substation. The cost is estimated at \$10,000 a mile.

Perseo Righetti, 56, prominent San Francisco architect, passed to the Great Beyond, Feb. 7. Mr. Righetti was formerly associated with the late August Headman, operating under the firm name of Righetti & Headman. During his career as an architect he designed many of San Francisco's prominent structures, particularly apartment buildings.

Wm. Symmonds, architect, formerly operating at Colorado Springs, Boston and Montreal, Canada, has joined the forces of the American Roofing Company, 718 Fourteenth St., San Francisco, as estimator and promoter of sales. The company carries a complete line of Johns-Manville Rigid Asbestos and rag felt shingles; tar and gravel roofing; Pabco; shingles-felt and Weaver-Henry Gothic shingles.

ALONG THE LINE

James Hassen will operate from 1503 Fifth street, Eureka, under the firm name of Hassen Electric Works.

A new saw mill is projected at Alturas, Calif., by the Crane Creek Lumber Co. of Lakeview, Oregon.

Albert McCarley, formerly of San Jose, has been named branch manager for the M. Stulsaft Company at Monterey. The branch will carry a complete line of plumbing equipment.

Witte Iron Works Co. of Kansas City, Mo., capitalized for \$500,000 has filed articles of incorporation at Redwood City. Edward H. Witte of Kansas City is president. The company manufactures and deals in machinery.

M. Steele Co., 320 W. M. Garland Bldg., Los Angeles, and Spreckels Bldg., San Diego, has been appointed sales agent for the Henry Cowell Lime & Cement Co. in the Southern California section. The Cowell interests, it is said, have just entered the Southern California section in a direct sales capacity. Cement will be shipped by water to San Diego.

Bunting Iron Works of Berkeley is having plans prepared for a new plant to replace the structure recently destroyed by fire. The plant will be erected in Parker St., between Fifth and Sixth Sts., Berkeley. It will be part one and two stories in height, containing 12,000 square feet.

Yettah Baker, widow of the late James R. Baker, will continue the paint business of her husband at 632 South Aurora St., Stockton. She will operate under the firm name of Baker Paint Company.

Manufacturers' catalogues from all over the United States are wanted by the Miami, Florida, Builders' Exchange, to be placed on file in the organization's library.

An option filed in the office of the county recorder at Salinas reveals that a real estate deal involving the sum of approximately \$150,000 is pending between the Henry Cowell Lime & Cement Company of San Francisco and Miss Marion Hollins for the purchase by the latter of 4,264.99 acres of land in northern Monterey county near Pajaro. The option will expire on March 1st.

Annual meeting of stockholders of the Pacific Portland Cement Company will be held at 1112 Hunter Dulin Bldg., San Francisco, February 24, it is announced by Harry T. Battelle, secretary of the company.

Columbia Steel Corporation has started construction of additions to the Torrance, Calif., plant which will involve an expenditure of one-half million dollars. The additions will double the output of the plant.

Monolith Portland Cement Company for year ended December 31, 1927, reports 1,445,794 barrels of cement manufactured and shipped. Coy Burnett, president, in making this announcement, failed to comment on earnings for 1927 other than to say that after all charges average annual net profits for the last five years have exceeded \$500,000 and that dividend paid since the company was organized amount to more than was originally paid into the company. Orders since the first of this year are reported to be four times that of the corresponding period of last year.

GROWING MENACE TO CONSTRUCTION INDUSTRY CITED BY MATERIAL DEALERS

Mr. Frank L. Hatch, secretary of the California Material Dealers' Association with headquarters in San Francisco, has sent out the following letter to Credit Departments which is worthy of serious consideration. Mr. Hatch, in his communication, paves the way to eliminate the practice of members of the construction industry in warning chairs at creditors' meetings.—EDITOR.

A speculative builder or an owner wants to build—he hasn't the finances—he arranges for the purchase of a lot—pays something down and agrees to secure the balance with a deed of trust. After he gets the legal title in his name he arranges for a building loan, the security for which is usually a mortgage, sometimes a deed of trust. These encumbrances invariably are put on record before the building is commenced. He then commences his arrangements for the supply of building materials, and the material man usually sells him, feeling that in any event he can file a lien and thus secure his claim for materials furnished the building.

The Evil

If the speculative builder or the owner hasn't made any mistake in his figures, and applies the money received from the building loan in the right channels, it may be that the material man will receive his money without trouble and litigation, but what, many times, happens—Unwise figuring or improper use of funds brings the building to a state of completion with a shortage. Then the material man is forced to file his lien and by the time the law requires him to commence foreclosure proceedings he learns that the parties holding the encumbrances have also commenced foreclosure proceedings, and their liens (if they were put on record before the building was commenced) take precedence over the material man's lien. The result is usually a meeting of creditors and, if the equities of the material men in the building are sufficiently large, arrangements are made for the material

man to advance his pro rata of cash to clear the building of either the mortgage or deed of trust, or both, and then the process of selling the building commences. When the experience is over the material man is lucky if he receives thirty or forty cents on the dollar. Many times he loses out entirely.

Many instances may be cited in confirmation of the above which have happened here in San Francisco in the last few years, and the tendency to build in this manner is alarmingly increasing.

The Remedy

Under our present Mechanics Lien Law there is only one remedy. Secure a search of the property before you commence selling and distributing your materials to the building. If you find the property encumbered as we have pictured do not sell except for cash in advance, or if you do sell do so only after securing the written acceptance of the parties lending the money to take care of your claim.

This is simple, and yet it is hard to do, but if you will do it, you will not be warning chairs at creditors' meetings, and when you come to recount at the end of the year yours will be a different story.

The California Material Dealers Association, Mr. Hatch announces, has completed special arrangements with reliable sources to provide the association with immediate property reports within the San Francisco city limits at a special searching rate. Members are strongly urged to make themselves available of the service.—EDITOR.

NATIONAL COUNCIL FOR LABOR DISPUTES IS PLAN

Establishment of a national council to handle industrial disputes is the suggestion of a sub-committee of the committee of commerce of the American Bar Association which has been studying the cause of industrial controversy for several years.

The suggestion is embodied in the platform put forth by the committee as a basis for discussion in the public hearings it has announced for February 16th, 17th, 18th.

The duties of the industrial commission are not defined in the declaration issued by the sub-committee, but the New York World says it understands that it would not be in any sense an industrial court, the World says the commission's duties would be that of a permanent fact-finding body which would do more thoroughly what is from time to time done by separate commissions appointed in times of industrial strife. It would be then collector and custodian of reliable material to which arbitration boards and the public might have access.

The announced platform advocates promotion of peaceful adjustment and prevention of industrial controversy by encouragement of the making and maintenance of contracts when freely and voluntarily made would be legal and binding says the platform, and the provision for settlement of differences by arbitration irrevocable and enforceable.

CHICAGO BUILDING INTERESTS TO FIGHT 5-DAY WEEK

Chicago builders will solidly oppose any attempt by the building trades to bring about the general adoption of the five-day work week, Oscar W. Rosenthal, president of the Builders' Association of Chicago, stated following an agreement made between the journeymen plasterers and the employers.

Officials of the bricklayers, carpenters and plumbers unions announced that they favored the five-day week. The plumbers will meet shortly to discuss the issue.

"The building trades of Chicago would be violating their agreements with the Association of Contractors if they attempted to follow the example of the plasterers in setting up a work week of forty hours instead of one of forty-four," said Rosenthal.

"The contractors of the United States have expressed themselves as being opposed to the five-day week. They believe it impractical.

"While many persons in the construction industry view with alarm the 90-day trial of the short work week agreed upon by the employing plasterers and journeymen plasterers, I do not. Those familiar with the construction industry realize that all units must function simultaneously if an economic program is to be carried on."

Rosenthal said it was natural that the plasterers' union should try to distribute work to its 1500 unemployed members.

WILL OPPOSE BREAKWATER

Plans for the \$14,000,000 breakwater project at Los Angeles harbor, formed by the Board of United States Engineers, are an imposition and will place "burdensome conditions upon the people of Los Angeles," Council Colden declares. He introduced a resolution in which he asked for an appeal to the board and members of congress to "revamp" the plans to make a "real and immediate benefit" to the public. It was declared that present plans provide for the new breakwater to be built in such a way that it will separate Long Beach harbor from Los Angeles harbor, thus creating an added expense to the ships traveling between the two ports.

BUILDING WAGE REDUCTIONS PREDICTED FOR THE CURRENT YEAR

(Special Correspondence from United Business Service, Boston, Mass.)

From present indications, the year 1927 will go down on the record as a period of unusually stable labor conditions.

The number of strikes recorded has been the lowest since 1914; and payrolls throughout the first nine months of 1927 have declined about 2 per cent, with employment only some 3 per cent lower than during the same period last year. Industrial wages have apparently reached a temporary peak during 1927, and turned gradually but definitely downward. We anticipate that the seasonal improvement in trade and industry now under way will stem the present moderate downward trend of employment for at least the next 30 days.

Stable Labor Conditions

The same absence of industrial unrest, and the presence of high purchasing power among the workers that has existed during most of 1927 may be expected to continue through the first three months of 1928. During this period we look for very little change in number of strikes; tendency for new wage adjustments to work lower, rather than higher; and a further downward movement in the total number of employed. Along with the expected continuation of this trend will come further increases in employee efficiency, and the introduction of more labor-saving devices and equipment.

During the period from April 1 to June 15, several hundred wage agreements

and contracts came up for renewal. Some of the most important of these are in the building industry; and it is in this field that we anticipate the major portion of the downward wage adjustments of early 1928 will take place. It is also probable that the strike totals for all industries will show a rather sharp upward trend during this critical three to four months' period, beginning April 1.

As we have pointed out to clients before, we believe that building wages are in line for reductions of from 5 to 10 per cent; and that this will come, despite relatively high level of construction activity now looked for in 1928. A recent survey of common labor wage rates, made by the Department of Labor, shows the general contracting (building) trades at the head of the list with average wages of 48.2 cents per hour.

While it is a little early to hazard a definite forecast for the labor situation during the second half of 1928, we are now of the opinion that the last six months will see increased industrial activity, along with increased employment and slight stiffening of wage rates.

Increased labor efficiency; some increase in strikes, particularly in the second quarter; further downward adjustment of wage levels during the first half of 1928; and a general improvement in labor's position during the fall—these appear to us to be the outstanding labor developments that may be expected in 1928.

STANDARDS COMMITTEE IS NAMED BY S. F. ARCHITECTS TO IMPROVE BUILDING METHODS—MOVE ENDORSED

With a view to assisting members of the American Institute of Architects in the performance of their technical and professional duties, the president of the Northern Chapter, American Institute of Architects, has appointed a committee on "Drafting Room and Office Standards," it is announced by E. L. Norberg, San Francisco architect, chairman of the committee.

Others to serve on the committee include: G. Albert Lansburgh, Geo. Kelham, C. F. Maury, Geo. A. Applegarth and Chas. P. Weeks.

This committee is working out a number of practical ways and means of standardizing, simplifying and making more complete and systematic the architects' office work and through the use of standard symbols and scientific methods eliminating wasted effort in the draughting room and materially assisting in the compilation of more accurate and complete working drawings, so that the guessing by estimators and extras on the job will be eventually eliminated.

A set of Standard Symbol sheets are now being draughted and will consist of:

(A) Revisions to the Standard Symbol sheet for electric wiring.

(B) A Standard Symbol Sheet for plumbing work.

(C) A Standard Symbol Sheet for heating, ventilating and mechanical equipment.

(D) A Standard Symbol Sheet of structural and architectural notations including abbreviations.

(E) Architect's Office Sheet—showing the simplest and yet the most complete manner of indicating different items, schedules, etc., and data not contained in the Standard Symbol sheets.

(F) Model plans illustrating use of the above symbols, methods, etc.

These sheets after being approved by the local Chapter of the A. I. A. and various engineering societies, etc., will be presented at the National Convention

of the A. I. A. so that eventually they will be adopted throughout the entire United States.

After the approval of the symbol sheets they will be distributed to all architects of the Institute and in turn to the various engineers, contractors, estimators, etc., down to and including the job foreman.

The advantages of the symbol sheets will be:

(A) All architects of the A. I. A. will use the same symbols and notations on their plans, which will be a great assistance to all estimators, contractors, and foremen who work with many different architects' plans.

(B) Draughtsmen will learn the Standard Symbols and Methods and in moving from one architect's office to another will not be confused as at present and as a consequence time will be conserved, errors eliminated and better plans produced at less cost to the architect.

(C) It will no longer be necessary to draw a set of symbols and abbreviations on each set of drawings as at present—a note will simply state that all symbols and abbreviations are according to A. I. A. Standard Sheets.

In connection with the above, model plans embodying the above features will be obtained free from the various architects and exhibited for educational purposes.

The committee has also worked out a catalogue filing system, to be known as the Architects' Standard File. The system will provide for the filing of all manufacturers' catalogues and data of building materials available for use on the Pacific Coast. The filing will be arranged under forty headings, similar to the A. I. A. system and may be incorporated with that system or kept as a separate unit.

A number of other improvements are outlined in the program of the committee and will be worked out in the immediate future.

COMMITTEE URGES CONSTRUCTION OF IRON CANYON DAM PROJECT

That steps be taken at once looking toward the early construction of the Iron Canyon dam, reservoir and power plant, "preferably by the federal government with such co-operation as the state of California and local interests" may accord, was the sense of resolutions adopted by a committee of 25 meeting in Sacramento, Feb. 4. The committee was appointed by W. A. Beard of Marysville, long a backer of the project.

Decision also was expressed in the resolutions to make immediate application to the United States Bureau of Reclamation for a survey "preferably with the co-operation of the state department of public works for the purpose of re-planning the distribution of water to serve existing needs and to afford a basis of knowledge upon which formal application for construction of the project may be based."

Beard named five men to a special committee to handle preliminary work looking toward early construction of the proposed dam and power plant, the site of which is on the Sacramento river, a few miles above Red Bluff.

Those on this committee are A. L. Conrad of Red Bluff, James Mills of Hamilton City, Glenn county; Arthur C. Huston of Woodland, and Jesse Poundstone of Grimes.

The resolutions also set forth that the project, as shown in the report of Walter R. Young, reclamation bureau engineer, would conserve 800,000 acre feet; that the Young report also shows that "upon the basis of certain assumption as to quantities of hydro-electric power that may be sold and the price to be obtained therefor, and an interest rate of 5½ per cent the entire cost of this water storage can be repaid out of the net power earnings; that federal department officials are sympathetic toward the project; that the United States Reclamation Service has surveyed and approved the project and call upon the Iron Canyon Project Association to be the active agent in the matter.

The resolutions further state that the canal system considered in the latest report is abandoned and the channel of the Sacramento river is adopted as the main artery of distribution.

The resolutions also provided for continuation of the committee and authorize the chairman to add to its membership by appointment until it shall become a committee of one hundred.

BERKELEY FOUND GOOD SPOT FOR BIG BEN BARGAIN SALE

Oh, for the wisdom of Solomon! is the prayer uttered today by Sam H. Cohn, deputy state superintendent of public instruction.

It came about in this manner. After a recent survey of the buildings at the deaf school at Berkeley, George B. McDougall, state architect, ordered the tower on the educational building dismantled. He declared it unsafe, and a positive hazard in the event of an earthquake.

But now comes a petition signed by 53 residents of Berkeley protesting against leveling the tower because in the tower is a clock which the petitioners describe as "an asset to the community and a great convenience, if not a necessity."

To dismantle the tower without removing the clock is now the problem. Cohn is writing to Miss Mary E. Viner, who circulated the petition, telling her that the state is not dismantling the clock, but the tower, and if some method can be devised whereby the clock can be retained without the tower, all good and well.

But—there's the law of gravity to be reckoned with.

AN ECHO FROM SANTA BARBARA ON THE TOPIC OF ORGANIZATION

Some time ago we commented upon the "peppy" bulletin of Harry Cayford, secretary-manager of the Fresno Builders' Exchange wherein he keeps the membership informed as to the "whys" and the "hows" of his organization. We advised that other exchange secretaries should follow in his footsteps and inject a quantity of enthusiasm into the membership of their own organization. The suggestion carried. From Santa Barbara, A. J. Nolder, secretary-manager of the Builders' Exchange in that city, sends out the story published herewith under the caption—"Isn't it So?—Then Get Out Your Horn and Toot For Success, and Make it a Happy and Prosperous New Year."—EDITOR

When a man first becomes a member of any organization, he is usually very active, always thinking of the needs of this particular new venture of his—but as time rolls on he becomes less and less active, then finally settles down to a directed routine of affairs, or—

He tries and tries to keep the Fire of Ambition burning within the ranks, but when he sees that they care not for progress, and are throwing cold water upon his ideas for success, are shirking from their duties as a member, he becomes dissatisfied with the Organization, begins to wonder if he should remain a good, loyal member or just a knocker and a poor member like the others. He then decides to find a new field for his endeavors and to plant the seeds of Pros-

perity in it. The Organization then wonders why they can't keep their members, why so many are falling delinquent and taking out Withdrawal Cards.

When an Organization is Prosperous, you can readily see that their Code is one of Ambition, Co-operation and Responsibility. These three factors are responsible for Great Activity and Prosperity in their Community—but on the other hand when Selfishness, Dissatisfaction and No-cooperation rule, there is nothing worthwhile, according to their views, so it is not worth the while to Go-Ahead and strive for the Success which is theirs for the asking. A lot of self-centered greedy members who are living in the Century past, with no desire to get ahead should wake up to the fact, and let the other fellows' ideas take some effect for their own good.

You must be careful that a member is not too conservative, with the idea that to venture forth too far would heap destruction on their heads—he is always living in constant dread for fear that the inevitable will surely happen, that he will then be held directly responsible for the annihilation of his pet organization. To be so conservative is not getting your Organization anywhere,—give the other fellow a chance to win success for you. NOW if you do not want to stay in the same old rut, and play the same old tune, then get on the band wagon and toot your horn for SUCCESS.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

HERE — THERE — EVERYWHERE

George L. Hooson, cement and sewer contractor of Hayward, Alameda county, will be a candidate for the office of city councilman of Hayward at the April election.

Preliminary plans for the district conference of the California State Builders' Exchanges, are being made by the Stockton Builders' Exchange. The conference will be held in Stockton in April, on a date yet to be determined.

Santa Barbara Builders' Exchange is occupying new quarters in the Central Bldg., State and De la Guerra Sts., Santa Barbara. The new quarters are centrally located and will afford members a better chance of doing business on the exchange floor.

Sub-contractors engaging in plastering, plumbing, roofing and masonry are required to show licenses and deposit bond under new ordinance effective in San Leandro. It is announced by Chris Hopper, city building inspector. The new ordinances are designed to eliminate the practice of letting sub-contracts to unreliable firms or individuals.

B. E. Underwood of Salinas was elected president of the Coast Counties Master Plumbers' Association at the annual meeting held recently in Watsonville. Edward Simpson was re-elected secretary and C. M. Ryan re-elected treasurer. The election of a board of directors and appointments of committee will be held at the next meeting, scheduled for this month at Santa Cruz. Fourteen members attended the annual meeting when five new members were admitted. The association includes master plumbers from Gilroy to San Luis Obispo.

Santa Barbara Builders' Exchange has elected the following to serve as directors for the ensuing year: Roy L. Richardson and J. A. Clarey, general contractors; W. S. Fultz and Fred Lampe, sub-contractors; A. R. Drexel and C. M. Duff, material dealers. Richardson, Clarey, Fultz and Drexel were re-elected, according to A. J. Nolder, secretary-manager of the exchange.

Officers of the exchange are: Roy L. Richardson, president; J. A. Clarey, vice-president; A. R. Drexel, treasurer and O. R. McNall, secretary.

San Diego has adopted an ordinance that creates a municipal electrical department to be operated directly under the control of the City Manager. Under the terms of the ordinance, which is now in effect, all electrical contractors must file a bond of \$2500 each. The ordinance creates a board which will pass on the qualifications of all who seek to engage in electrical work in San Diego and licenses for such work will be issued to those who qualify.

G. L. Weber, transmission engineer of the Pacific Telephone & Telegraph Co., recently addressed the Sacramento Chapter, American Association of Engineers, on the newest of telephonic wonders—seeing by wire or radio.

Arthur Brisbane in his syndicated Column "Today" writes. No man known what a state can do in road building until he has driven over a few thousand miles of California roads. New Jersey and other states have made a beginning—California shows the finished product. Bring your car here, travel ten thousand miles and leave without a bump.

R-1428-S INDUSTRIAL ENGINEER, not over 35 years old, with experience in handling labor production problems and rate setting, for employment with consulting engineer. Must have organizing ability, initiative, tact and abundant energy. Must be a salesman with technical training and ability along mathematical lines and a proven interest in the labor and production element in manufacturing problems. Apply by letter giving experience in detail, education, and general qualifications, with photo. Location Pacific Coast. Salary open.

R-1463-S FIELD SUPERINTENDENT, to take charge of welding outfit and crew of 20. Must be good gas engine man with fair knowledge of electricity. Work is continuous and isolated. Salary about \$250 to start. Headquarters, San Francisco.

X-2353-CS PERMANENT POSITION in South America is open for an energetic graduate civil engineer who speaks Spanish and is qualified to successfully sell and promote materials entering into modern street and road construction. Remuneration commensurate with ability. Submit complete statement of experience and training and a recent photo. Applications will be treated with strict confidence. Headquarters East.

R-1468-S DREDGE MASTER, middle age, for mine in Chile. Must have experience operating large electric driven dredge, preferably New York Engineering Co. machines. Permanent. Salary \$250-\$300 a month. Apply by letter. Headquarters New York, agent in San Francisco.

R-1431-S SALES MEN, to sell electrical appliances for public utility company. Some positions for gas appliances and heating men. Technical graduates preferred for advancement based upon sales record. Northern California territory involves traveling and men with cars preferred. Small salary and commission. Headquarters San Francisco.

\$7,509,691 IS LOS ANGELES BUILDING TOTAL IN JANUARY

Los Angeles' building total for the first month of the new year exceeded that for December by about 13 per cent, but was 7 per cent less than that for January, 1927. During January, 1928, the Los Angeles city building department issued 2665 permits with an estimated valuation of \$7,509,691. For December the number of permits issued was 2483, and the estimated valuation was \$6,630,402, while for January a year ago the number of permits issued was 2844 and the estimated valuation was \$8,129,749.

Class A construction for January, 1928, amounted to \$1,600,000 for two structures, Class B construction \$305,000 for three buildings, Class C construction \$1,257,648 for 55 buildings, and Class D all-frame construction \$3,572,293 for 1496 buildings. This is the low mark for Class D construction in a number of years, falling slightly under that of January a year ago.

Housing operations for January, 1928, were represented by permits for 660 dwellings and apartment houses estimated to cost \$1,256,271, or 21.7 per cent 56.6 per cent of the entire valuation for the month. Accommodations were provided for 1541 families. These figures approximate those for December, but are under the monthly average for the year 1927.

Albert G. Larsen, of Piedmont. AIR COMPRESSOR. This invention relates to compressors, particularly air compressors, and it has been common practice to mount both the intake and exhaust valves in the head directly over the cylinder end.

Arthur C. Wheelock, of Oakland. ADJUSTABLE PIVOT MOUNTING FOR BED-SUPPORTING PANELS. This relates to a vertically adjustable floor pivot mounting for a panel or door arranged to carry a bed in up-end position for movement through a wall-opening engaged by the panel.

ARCHITECTS ENDORSE PLAN FOR NEW BUILDING CODE

The appointment by the Board of Public Works of an advisory board to assist in drawing up a new building code for San Francisco was heartily indorsed in a letter received by the board from the Northern California chapter of the American Institute of Architects. The indorsement was made at a recent meeting of the A. I. A., at the Mark Hopkins Hotel, San Francisco.

The present building code was branded as "entirely inadequate" by C. H. Snyder, civil engineer, and Paul Pfeuger, architect and chairman of the earthquake insurance committee of the California State Bankers' Association.

A uniform building code, to be adopted by all the municipalities of California, was advocated by Pfeuger. He pointed out the desirability of a rigid code from the bankers' viewpoint, and the ease with which proper loans could be gauged when uniform codes prevail.

HARDWARE MEET SET FOR S. F.

Retail hardware dealers from all sections of California will gather in San Francisco, Feb. 15, 16 and 17, for the annual convention of the California State Hardware Association. Sessions will be held at the Palace Hotel. Members of the San Francisco Hardware & Housewares Association are handling the program. R. J. Atkinson, president of the National Retail Hardware Association, will be a speaker.

Building News Section

APARTMENTS

Sub-contracts Awarded

APARTMENTS Cost \$40,000
OAKLAND, Alameda Co., Cal., Warfield avenue.

Three-story and basement frame and stucco apartment building, 12 3-room apts.

Owner—E. Field.
Architect and Contractor—Ephriam Field American Bank Bldg., Oakland.

Tile work—Superior Tile & Products Co., 2725 Shattuck ave., Berkeley.

Sash and doors—Pacific Manufacturing Co., 253 Hobart st., Oakland.

Mill work—Blackman Anderson Mill & Lumber Co., High and Tidal ave. Oakland.

Painting—Howard & Co., Oakland.

As previously reported, electric wiring awarded to Fritz Electric Co., 343 Ninth st., Oakland; plastering to S. Callarafi, 2083 Broadway, Oakland; heating and plumbing to A. Poulsen, 354 Hobart st., Oakland.

Planned

APARTMENTS Cost \$60,000
OAKLAND, Alameda Co., Cal., Oakland ave. near Harrison st.

Three-story frame and stucco apartment building, 24 2-room apts.

Owner—E. Field.
Architect and Mgr. of Con.—E. J. Field, American Bank Bldg., Oakland

Owner Taking Bids.

APARTMENTS Cost, \$100,000
SAN FRANCISCO, NW Fell and Buchanan Streets.

Three-story frame and brick veneer apartment building (21 2-room and 6 3-room apts.); electric refrigeration; elevator; steam heating, etc.

Owner—Fred Hechter, 1424 Balboa St., San Francisco.

Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.
Building permit applied for.

Plans Being Prepared

APARTMENTS Cost \$15,000
SAN FRANCISCO, E 11th ave. N Geary street.

Two-story and basement frame and stucco apt. bldg., 4 4-room apts.

Owner—Mrs. T. Offutt.
Architect—R. R. Irvine and L. Ebbets, Call Bldg.

Contractor—James Smith, 268 11th ave.
Sub-bids will be taken in 2 weeks.

Plans Being Completed

APARTMENTS Cost \$—
SAN FRANCISCO, Mission District.
Ten-story class C steel frame and concrete bldg., 50 apts., stores, offices and garage.

Owner—Withheld.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Two stories of the structure will be devoted to garage. One story for stores and one floor for doctors' offices. Construction will be started as soon as bank loan is obtained.

Sub-bids Being Taken

APARTMENTS Cost \$30,000
BERKELEY, Alameda Co., Cal.

Three-story frame and stucco apartment building (12 2 and 3-room apts.)

Owner and Builder—J. H. Collins, 842 Creed rd., Oakland.
Architect—Hutchison & Mills, 1214 Webster st., Oakland.

Sub-bids Being Taken

APARTMENTS Cost \$30,000
OAKLAND, Alameda Co., Cal., Warfield ave. near Fairbanks ave.

Two-story and basement frame and stucco apartment building, 8 3-room apts.

Owner and Builder—James Forster, 1131 Fleet rd., Oakland.

Architect—W. W. Dixon, 1844 5th ave., Oakland.

Sub-contracts Awarded

APARTMENTS Cost \$150,000
SAN FRANCISCO, N Pacific ave., W Franklin st.

Six-story class C apartment building (18 3-room and 18 2-room apts.)

Owner and Builder—J. D. Hannah, 825 Sansome st., S. F.

Architect—Edward E. Young, 2002 California st., S. F.

Plastering—Chris Berg, 719 45th ave.,
Chimney flues—Atlas Heating & Ventilating Co., 557 4th st.

As previously reported: electrical work awarded to Aetna Electric Co., 1337 Webster st., S. F.; frame to L. H. Birth, 1715 19th st., S. F.; concrete to Mission Concrete Co., 125 Kissling st., S. F.

Plans Being Figured.

APARTMENTS Cost, \$—
OAKLAND, San Mateo Co., Cal., Burlingame Ave. near Lorton St.

Three-story steel frame and concrete apartment and store building (five 3- and 5-room apts; number of stores not decided).

Owner—Mr. Moyer.
Architect—E. L. & J. E. Norberg, 580 Market St., San Francisco.

Bids will be taken for a general contract with separate bids for plumbing, heating and electrical work.

Sub-contracts Awarded

APARTMENTS Cost \$30,000
SAN FRANCISCO, SW Beach and Pierce streets.

Three-story and basement frame and stucco apartment building (6 3-room and 3 2-room apts.)

Owner and Builder—Thos. L. Scoble, 376 Kearny st., S. F.

Architect—E. E. Young, 2002 California st., S. F.

Wallpaper—D. & R. M. Leonhardt, 1580 Market st.

Plumbing—W. Campbell.
Lumber—Sudden Lumber Co., 1950 3rd street.

Frames—Redwood Mfg. Co., Hobart Bldg.
Roofing—Star Roofing Co., 1562 Hayes st.

Stair work—Atlas Stair Building Co.
Plastering—Michael King, 424 27th ave.

Painting—Standard Painting Co., 1359 37th ave.

As previously reported: Electrical work awarded to Aetna Electric Co., 1337 Webster st., S. F.

TULARE, Tulare Co., Cal.—Purchase of property formerly known as the San Joaquin Hospital is announced by M. L. O'Hara who will renovate the structure throughout for apartments. Plumbing contract will be awarded Canby Plumbing Co., painting to C. D. Lavin, and carpentry to H. J. O. and Edgar Reed, all of Tulare. Contract for electrical work and furnishings yet to be awarded. Will contain several two and three-room apts., and nine single rooms with gymnasium and reading rooms on third floor.

Sub-Bids Being Taken.
APARTMENTS Cost, \$—
SAN FRANCISCO, SE Lombard and Polk Streets.

Six-story steel frame and concrete apartment building (number of apts. not decided).

Owner and Builder—Herman Hogrefe, 637 Powell St., San Francisco.

Architect—E. E. Young, 2002 California St., San Francisco.

As previously reported, excavating awarded to B. Rosenberg, 58 Merlin St., San Francisco.

Owner Taking Segregated Bids.
APARTMENTS Cost, \$108,000
SAN FRANCISCO, N Pine Street E Hyde Street.

Six-story steel frame and concrete Class C apartment building (54 rooms, 2 and 3-room apts.)

Owner—Lincoln Investment Co., Louis Goldstein, 1522 12th Ave., San Francisco.

Architect—Albert H. Larsen, 447 Sutter St., S. S.

Owner Taking Segregated Bids.
APARTMENTS Cost, \$180,000
SAN FRANCISCO, SW Sixteenth Ave. and Lincoln Way.

Six-story steel frame and concrete Class C apartment building (90 rooms, 2 and 3-room apts.)

Owner—Lincoln Investment Co., Louis Goldstein, 1522 12th Ave., S. F.

Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Plans Being Revised
APARTMENTS Cost \$—
SAN FRANCISCO, Marina Dist.

Nine-story reinforced concrete apartment bldg., all modern conveniences.

Owner—George E. McCrea.
Architect—George E. McCrea, Hearst Bldg.

All contracts for proposed bldg. will be handled by contractors already selected by owner.

Plans Being Prepared
APARTMENTS Cost \$110,000
SAN JOSE, Santa Clara Co., N First st. and Hensley ave.

Two-story frame and stucco apartment bldg., 24 apts.

Owner—C. W. Hovson.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Plans will be ready for bids in thirty days.

Preliminary Plans Completed.
APARTMENTS Cost, \$150,000
OAKLAND, Alameda Co., Cal. Location withheld.

Ten-story Class C apartment hotel and store building, 90 rooms, 4 stores.

Owner—Withheld for present.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Preliminary plans are now awaiting approval.

To be Done by Day's Work
APARTMENTS Cost \$150,000
SAN FRANCISCO, SW Sacramento & Laguna sts.

Six-story and basement reinforced concrete apartment bldg., 24 apts.

Owner and Builder—H. C. Keenan, 110 Sutter st.

Architect—H. C. Baumann, 251 Kearny.

Building permit applied for.

MARYSVILLE, Yuba Co., Cal.—A. G. Ramirez, 420 6th st., Marysville, is having plans prepared by a Sacramento architect for a four or five-story apartment building to be erected at Sixth and High sts; will be approx. 55 x 80 ft.

Built-in refrigerators, steam heating, hot water system, laundry equipment, etc., will be provided.

Orders-Inquiries

60
pages
Send
for
FREE
Copy

Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statisticians
Producers of Direct Mail Advertising

BONDS

GLENDALE, Los Angeles Co., Cal.—The board of education of Glendale City school district is contemplating the calling for an election to vote bonds for erecting new grammar school buildings to relieve the congested condition of the school system. A preliminary survey has determined that three or four new sites and buildings are needed as well as additions to about ten existing schools. It is also possible that a new junior high school will be required.

ROSEVILLE, Placer Co., Cal.—Center Joint School District votes bonds of \$9,000 to finance erection of new school building; issued carried by 3 to 1 vote.

NORTH SACRAMENTO, Cal.—April 9 is date set by city to vote bonds of \$16,000 to finance erection of combined city hall and firehouse. Dean & Dean, architects, California State Life Bldg., Sacramento, will prepare the plans.

MARTINEZ, Contra Costa Co., Cal.—Eight architects are conferring with Alhambra High School and Martinez Grammar School Trustees regarding preparation of plans for proposed new Martinez Junior High School for which bonds will be voted to finance. Architects are: Coffman, Sahlberg & Stafford, Sacramento; Davis, Pearce & Co., Stockton; Allen & Young, Stockton; George W. Cantrell and W. H. Weeks, San Francisco; Rollin S. Tuttle, Louis S. Stone and E. W. Cannon, Oakland.

CLARKSBURG, Yolo Co., Cal.—Election will be held Feb. 25 in Clarksburg High School District to vote bonds of \$65,000 to finance erection of new school. Trustees of district are: Mabel Heringer, Ida Krull, G. O. Fraser, F. C. Kirtland and Jos. Borges.

CORTE MADERA, Marin Co., Cal.—April 9 set as date to vote bonds of \$25,000 to purchase site and erect combined town hall and fire house.

CORTE MADERA, Marin Co., Cal.—Election will be called shortly to vote bonds to finance erection of new town hall and firehouse.

REDWOOD CITY, San Mateo Co., Cal.—City will call election shortly to vote bonds of \$16,000 to erect and furnish new firehouse.

ELVERTA, Sacramento Co., Cal.—Election will be held Feb. 11 to vote bonds of \$8,000 to finance erection of new school to replace structure destroyed by fire. The trustees have \$10,000 available to be added to the \$8,000 if the issue carries. Frederick S. Harrison, People's Bank Bldg., Sacramento, architect.

CHURCHES

Contract Awarded.
PARISH HOUSE Cont. Price, \$6518
RICHMOND, Contra Costa Co., Sixth and Bissell Streets.
Two-story and basement frame and stucco parish house and Sunday school.
Owner—Christian Church.
Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.
Contractor—C. W. Washabaugh, 1915 Chanslor St., Richmond.

SAN FRANCISCO—Until Feb. 29, 3 P. M., bids will be received by Board of Public Works to furn. and install electrical fixtures in chapel at San Francisco Hospital. Specifications obtainable from Bureau of Architecture, 2nd Floor, City Hall.

Plans To Be Prepared.
CHURCH Cost, \$60,000
MARTINEZ, Contra Costa Co., Cal. Estudillo and Green Streets.
Two-story Class A church building.
Owner—First Baptist Church (Rev. Albert Ebbrecht, Pastor).
Architect—Not Selected.
An architect will be selected as soon as financing arrangements are completed.

BAKERSFIELD, Kern Co., Cal.—Clark Graming, manager of construction, will erect the new Presbyterian Church building at 17th and H sts. It will be brick construction.

WOODLAND, Yolo Co., Cal.—Methodist Episcopal Church, South, will raise a remodel to remodel tower, pinnacles and repair roof of church. Rev. C. P. Moore is pastor.

FACTORIES & WAREHOUSES

SAN FRANCISCO—The Judson Pacific Co., a consolidation of the Pacific Rolling Mill Co. and the Judson Manufacturing Co., have purchased property covering an area of approximately three and one-half acres on Sixteenth, Seventeenth, Missouri and Mississippi Sts., excepting a piece 100x400 feet from 16th to 17th Sts., at a cost of \$140,000.

Officers of the consolidated company are: C. Maas, president; E. B. Noble, vice-president, and A. E. Wilkins, manager. The property will probably be improved at a later date.

Plans Being Completed.

LAUNDRY Cost, \$—
CLARKSBURG, Contra Costa Co., Cal. Fifteenth St., bet. Macdonald and Nevin Aves.
Reinforced concrete laundry building (height not decided).
Owner—Richmond Japanese Laundry.
Architect—James T. Narbett, Syndicate Bldg., Richmond.
Bids will be taken February 9th.

SALINAS, Monterey Co., Cal.—Chas. E. Boetz of Benson, Ariz., is seeking a site on which to erect a plant for the manufacture of wax-paper for use in packing green vegetables, fruits, etc.

Contract Awarded
WAREHOUSE Cost \$10,000
SAN FRANCISCO, Third st. near Townsend.

One-story frame warehouse.
Owner—Southern Pacific Co., 65 Market st.
Plans by Engineering Dept. of owner, J. H. Christie, chief draftsman.
Contractor—Jos. Prasiecke, 666 Mission st.

SACRAMENTO, Cal.—H. D. Wagon, president of the Sacramento Pulp & Paper Co., Inc., announces construction will be started next month on the proposed \$500,000 plant to be erected near Sacramento on the Yolo county side of the Sacramento river. The plant will manufacture paper from grape vine cuttings. C. A. Kieren, Portland, Ore., is engineer for project. Pulp mill will have capacity of 25 tons per day at the start with possibility that this output may be increased to 35 tons tons. Plant capacity will be 50 tons a day. Temporary quarters of the Sacramento Pulp & Paper Co. are maintained at 3245 Tenth St., Sacramento.

LODI, San Joaquin Co., Cal.—Recently organized San Joaquin Valley Walnut Growers Assn. is seeking site on which it is proposed to erect a walnut processing plant. James T. Langford, president of the Lodi Chamber of Commerce is interested in the project.

To be Done by Day's Work and Sub-bids by Owner
WAREHOUSE Approx. \$3,000,000
OAKLAND, Alameda Co., Cal., West end 14th st. Waterfront.
Group of 1-story steel frame and concrete bldgs.
Owner—California Co-operative Producers, 1001 of 14th st., Oakland.
Architect—Engineer Dept. of owner.
Sub-bids will be taken in about two weeks.

WOODLAND, Yolo Co., Cal.—Materials are being assembled by Garcia and Magnini, San Francisco produce agents, for a lettuce packing shed, 50 x 120 ft. Est. cost \$10,000.

Elevator Contract Awarded
FACTORY Cont. price \$14,665
SAN FRANCISCO, N Tehama st. W 4th street.
Two-story reinforced concrete factory building.
Owner—Riding & McKebber, 110 Sutter street.
Architect—Geo. E. Ralph, 110 Sutter st. Contractor—Louis A. Hinson, 756 4th ave.
Elevator—West Coast Elevator Co., 463 Harrison st.

CHICO, Butte Co., Cal.—Chamber of Commerce is co-operating with growers regarding the construction of a \$200,000 co-operative cannery. The plant would employ from 300 to 400 people.

Contract Awarded.
FACTORY Cost, \$15,000
OAKLAND, Alameda Co., Cal. NE 32nd and Magnolia Sts.
One-story frame and stucco factory building.
Owner—B. Abrott.
Architect—Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—W. T. Vaughn, 501 Weldon Ave., Oakland.

Sub-Contracts Awarded.
SHOP Cost, \$10,000
SAN FRANCISCO, E Van Ness Ave. 150 S Market St.
One-story reinforced concrete tire shop.
Owner—Hale Bros., Inc., Fifth and Market Sts., San Francisco.
Architect—George De Colmesnil, DeYoung Bldg., San Francisco.
Contractor—Macdonald & Kahn, Financial Center Bldg., San Francisco.
Lessee—Kelly-Springfield Tire Co.
Plumbing—J. Camp & Co., 1093 Natoma St., San Francisco.
Electrical Work—Decker Electric Co., 538 Bryant St., San Francisco.
Reinforcing Steel—Badt-Falk & Co., 74 New Montgomery St., San Francisco
As previously reported steel rolling door awarded to J. G. Wilson Co., Call Bldg., San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—Coast Counties Gas & Electric Co., 175 Pacific ave., Santa Cruz, will erect shops, warehouse, locker and change rooms at Santa Cruz gas works; est. cost \$15,000.

OAKLAND, Cal.—Architect Louis A. Stone, 354 Hobart st., Oakland, preparing plans for corporation yard buildings for city to be erected at Eighth and Fallon sts; will house machine shops and shops for maintenance of city owned equipment. Construction of steel and concrete; cost \$50,000.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

WOODLAND, Yolo Co., Cal.—Capay Valley Almond Growers' Assn. vote to double the capacity of the Esparto warehouse and construct a revolving sulphuring plant in connection with that structure. A 50 x 50 ft. addition to the warehouse is proposed.

WATSONVILLE, Santa Cruz Co., Cal.—The following bids were received by Architect A. W. Story, Fajaro Bank Bldg., Watsonville, for the construction of a two-story concrete packing plant to be erected on Walker St., between Second and Werner for J. N. Moncovich, local grower and packer:

H. K. Graham, 111 High St., Watsonville.....	\$20,889
A. L. Short, Watsonville.....	11,565
L. H. Rosewall, Watsonville.....	11,809
E. S. Steen, Watsonville.....	11,947
W. A. White, Watsonville.....	11,989
Jack Renfrow, Watsonville.....	12,000
W. E. Sechrest, Watsonville.....	12,677

Sub-bids Being Taken

ADDITION Cost \$16,000
SAN FRANCISCO, NE Mission and Plum sts.

One-story addition to present manufacturing plant.

Owner—Speyer & Schwartz, 317 Main st.
Architect—Ellison & Russell, 712 Pacific Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison st., S. F.

Plans Being Figured—Bids Close Feb. 14
MFG. PLANT Cost, \$—

BERKELEY, Alameda Co., Cal. Parker St., bet. 5th and 6th Sts.

One and part two-story manufacturing plant (12,000 sq. ft.)

Owner—Bunting Iron Works, 820 Parker St., Berkeley.

Architect—Benjamin G. McDougall, 353 Sacramento St., San Francisco.

Contract Awarded

FACTORY Cost \$14,000
OAKLAND, Alameda Co., E Hollis st. N Park ave.

One-story brick factory bldg.

Owner—C. W. Vaughn, 3055 Hillegass st., Oakland.

Architect—A. Froberg, Ray Bldg., Oakland.

Contractor—H. J. Christiansen, Ray Bldg., Oakland.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until Feb. 23, under Circular No. 1357, bids will be received by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Panelboards, sewer Y's; Gasoline meters, paint drums, empty cans, roofing felt, glass, pig iron, boronic copper, alloy, step ladders, packing, leather belting, leather, corkboard, alum, oakum, floor wax, creasote oil, carbon bisulphide, Ship glue, cement, paint, lampblack, enamel, chrome green, Japan, paint remover, turpentine, sandpaper and steel-building framework. Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

OAKLAND, Cal.—An allotment of \$250,000 for initiation of work for government buildings in Oakland is provided for in the annual supply bill of the Treasury-Postoffice departments. Plans for the improvements will be prepared by the Supervising Architect, Treasury Department, Washington, D. C.

SAN FRANCISCO—An allotment of \$50,000 for initiation of work at the Marine Hospital at the San Francisco Presidio is provided for in the annual supply bill for the Treasury-Postoffice departments. Plans for the improvements will be prepared by the Supervising Architect, Treasury Department, Washington, D. C.

PASADENA, Cal.—Otis Elevator Co., Washington, D. C., at \$4257 submitted low bid to Supervising Architect, Treasury Dept., Washington, D. C., to install freight elevator in Pasadena postoffice. Other b'ds were: Kimball Bros. Co., Council Bluffs, Iowa, \$4629; Shepard Elevator Co., Cincinnati, Ohio, \$4900; S. Heller Elevator Co., Milwaukee, Wis., \$5072; Llewellyn Iron Works, Los Angeles, \$5980; Baker Iron Works, Los Angeles, \$6052.

MARE ISLAND, Cal.—Until Feb. 29, 11 a. m., under Specification No. 5523, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for motor driven compressor, motor driven brine pump, motor for existing agitator, automatic thermostatic control equipment, switchboard, wiring and piping to complete refrigerating system at Marine Barracks, Navy Yards, Mare Island. See call for bids under official proposal section in this issue.

SAN FRANCISCO—The Roth Construction Co., 447 Broderick St., at \$4090 submitted low bid and was awarded contract by Constructing Quartermaster, Fort Mason, to erect gasoline storage plant at Crissy Field.

MARE ISLAND, Cal.—Bids are being received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5556, for hydrotherapeutic equipment for Mare Island Navy Yard Hospital. The work includes furnishing and installing hydrotherapeutic equipment all complete and ready for use. See notice under official proposal section in this issue.

HALLS AND SOCIETY BUILDINGS

Commissioned to Prepare Plans

LODGE BLDG. Cost \$100,000

OROVILLE, Butte Co.

Three-story and basement class A store, lodge and club bldg. (site 100 x 120 ft.)

Owner—Oroville Lodge, Benevolent and Protective Order of Elks.

Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

Plans Being Figured—Bids Close Feb. 20

CLUBHOUSE Cost \$250,000

OAKLAND, Alameda Co., Cal., Broadway and Clifton st.

Two-story frame and stucco clubhouse.

Owner—Claremont County Club.

Architect—Geo. W. Kelham, 315 Montgomery st., San Francisco.

Bids are being taken for a general contract.

BAKERSFIELD, Kern Co., Cal.—The campaign to sell bonds to finance the erection of a new home for the Eagle's Lodge is under way, according to an announcement by Ira Williams, chairman of the building committee. The building will cost \$250,000. Bonds to the amount of \$10,000 were subscribed for the first day.

SAN LUIS OBISPO, Cal.—Local post of American Legion will campaign for funds to finance erection of a modern club building. Early construction is contemplated.

MARYSVILLE, Yuba Co., Cal.—Marysville Lodge, Benevolent and Protective Order of Elks, has called a meeting for Feb. 15 to discuss proposal of purchasing Ellis property with two-story building and to remodel the structure for lodge and club rooms. The site covers an area of 80 by 120 ft.

Plans Being Completed.

LODGE BLDG. Cost, \$100,000

SACRAMENTO, Sacramento Co., Cal. N K St., bet. 27th and 28th Sts.

Two-story and basement brick and tile lodge building (dining room in basement).

Owner—Eastern Star (Mrs. Arthur M. Seymour), 1605 H St., Sacramento.

Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

Segregated bids will be taken in one week. A meeting is being held Feb. 7th at which time a date will be set for calling bids.

Plans Being Figured—Bids Close Feb 20

CLUB BLDG. Cost \$125,000

SAN FRANCISCO, Broderick and Baker sts., 200x300 ft.

Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).

Architect—Willis Polk Co., 277 Pine st., San Francisco.

Bids are being taken from a selected list of contractors for a general contract.

Sub-Contracts Awarded.

ALTERATIONS Cont. Price, \$63,796.87

OAKLAND, Alameda Co., Cal.

Alterations and additions to club house.

Owner—Sequoia Country Club, Oakland.

Architect—F. Eugene Barton, Crocker Bldg., San Francisco, and Claude B. Barton, 1804 Harrison St., Oakland.

Contractor—F. C. Stolte, 3455 Laguna St., Oakland.

Heating—Jos. Freitas, 2811 E-10th St., Oakland.

Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.

Steel—Badt-Palk Co., 74 New Montgomery St., San Francisco.

Steel Sash—Michel & Pfeffer Iron Wks., Tenth and Harrison St., S. F.

Mill Work and Lumber—Sunset Lumber Company.

Plumbing—H. I. Kyle, 1718 E-14th St., Oakland.

Sub-bids Being Taken

CLUB BLDG. Cost \$83,900

SAN FRANCISCO, Baker st.

Four-story steel frame and concrete class C home and club bldg.

Owner—Native Daughters of the Golden West.

Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.

Contractor—Barrett & Hilp, 918 Harrison st.

SANTA CRUZ, Santa Cruz Co., Cal.—Pernal Brith Lodge is seeking site on which it is proposed to erect club and lodge building. A site in the business district is being considered.

HOSPITALS

FRESNO, Fresno Co., Cal.—Brown Sanatorium, Inc., composed of Chas. B. and Mrs. I. B. Brown, et al, operating the Rosemary Sanitarium at Tehama and Kearny Blvd., Fresno, is having plans prepared for a 50-bed sanitarium to be erected in the vicinity of Fresno. The Brown interests were recently incorporated with a capitalization of \$150,000. Frank Tillman and S. S. Rowell are other directors in the company. The structure will be so designed as to permit increasing the capacity to 100 beds.

CARSON CITY, Nev.—Until Feb. 27, 2 p. m., bids will be received by A. A. Armstrong, secy., State Board of Commissioners for Care of Indigent Insane, Carson City, for furnishing new ward building, Nevada Hospital for Mental Diseases. Cert. check 10 per cent req. with bid. Lists of materials and equipment desired obtainable from above office on request. See call for bids under official proposal section in this issue.

SALINAS, Monterey Co., Cal.—Civic organizations throughout the country urge supervisors to call election to vote bonds of approximately \$35,000 to finance construction of a county tubercular sanatorium.

LOS ANGELES, Cal.—Architects Curlett & Beelman, 1020 Union Bank Bldg., have been commissioned to prepare plans for a class A hospital building to be erected on the north side of Fountain ave. extending from Catalina st. to Berendo st. for Kaspere Cohn Hospital. The site is 270x310 ft. The building will have accommodations for 250 beds and will be steel frame, reinforced concrete construction; cost \$1,250,000.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozzens preparing plans for new county detention home, contagious ward and insanitary ward. Plans will be presented to county supervisors shortly.

SANTA CRUZ, Santa Cruz Co., Cal.—announced by county supervisors recommends erection of a \$200,000 tuberculous ward building within the county limits.

Plans Completed

HOSPITAL Cost \$135,000

SONOMA, Sonoma Co., Cal., Sonoma state Home.

Two-story class A fireproof hospital bldg.

Owner—State of California.

Architect—W. B. Faville, 1st National Bank Bldg., San Francisco.

Plans are now in hands of owner and bids will be advertised for shortly.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Funds provided for U. S. Marine Hospital.

Bids to be Taken in One Week.
HOSPITAL. Cost \$250,000
OAKLAND. Alameda Co., Cal. E-14th st. and 27th ave.

Four-story concrete hospital building (to be known as East Oakland Hospital.)
Owner: Hospital Building Corp.
Architect—W. H. Weeks, Hunter Dullin Bldg., S. F.; 1736 Franklin st., Oakland, and 246 S-First st., San Jose.

Lessee—Dr. O. E. Kuhn et al.
Hospital Building corporation is composed of Leo J. Lesser, president; Foster W. Weeks, vice president; M. E. Gibson, secretary; Ross Thompson, treasurer, serving with Alex Friedman as directors. (386) 1st report Oct. 27, 1927; 6th Jan. 6.

HOTELS

Preliminary Plans Completed.
HOTEL. Cost, \$125,000
HEALDSBURGH. Sonoma Co., Three miles east of Healdsburg.
Two and three-story frame and stucco hotel, 75 guest rooms with private baths.

Owner and Builder—Fitch Mountain Tavern Company.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Fitch Mountain Tavern Co., A. M. Ewing and W. H. Chaney, promoters, will be incorporated with a capital stock of \$200,000 to finance the project. Will contain billiard rooms, large dining halls, ball room and lobby, 40 by 60 feet. As soon as financing arrangements are completed working drawings will be started.

ICE AND COLD STORAGE PLANTS

MARE ISLAND. Cal.—See "Government Work and Supplies," this issue. Bids wanted by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5523.

Construction Started.
ICE PLANT. Cont. Price, \$261,800
ESNO. Fresno Co., Cal.

Reinforced concrete plant, 165x41 feet and icing platform, 3300 ft.
Owner—Pacific Fruit Express Co., 65 Market St., San Francisco.
Architect—Eng. Dept. of Owner (Mr. Weatherwax).

Contractor—Lynch Cannon Co., Chapman Bldg., Los Angeles.

POWER PLANTS

STOCKTON. San Joaquin Co., Cal.—City council will investigate the feasibility of the city owning its own electrical distributing system. Preliminary estimates place cost at \$2,000,000.

STOCKTON. San Joaquin Co., Cal.—City considering feasibility of acquiring own electric power distributing system. W. B. Hogan, city eng. A. L. Banks, city engineer.

TURLOCK. Stanislaus Co., Cal.—Bids will be asked at once by Turlock Irrigation District to const. 14 ml. of transmission power line from Don Pedro power house to Merced Falls. Bids will probably be opened March 5. Further mention will be made of this work.

SANTA CRUZ and SANTA CLARA COUNTIES. Cal.—Coast Counties Gas & Electric Co., 175 Pacific ave., Santa Cruz, has appropriated \$275,000 for approx. 75 ml. of electrical lines in the Coast Division including Santa Cruz, Watsonville, Hollister, Gilroy, Morgan Hill and territory in vicinity of these cities. Meters, transformers and other equipment will be installed.

WATSONVILLE. Santa Cruz Co., Cal.—Coast Counties Gas & Electric Co., 175 Pacific ave., Santa Cruz, has provided funds in budget to finance erection of a steel and concrete, 21 x 72 ft. substation; est. cost \$30,000 including equipment.

PUBLIC BUILDINGS

SANTA BARBARA. Cal.—Contracts were awarded by Santa Barbara county supervisors as follows:

Jail cells in new County Court House, to Southern Prison Co., San Antonio, Tex., at \$15,985; County Jail Building Co. submitted a bid of \$21,585.

Interior finish to complete the Hall of Records, to Roy La Richardson, 29 E De La Guerra st., at \$23,475. Other bids were: Alfred L. Vezina, \$23,990; Wagner & Fell, \$25,300.

The work for lavatories, County Court

House, to Malott & Peterson, San Francisco, at \$10,997. Other bids were: Art Tile & Mantel Co., \$12,545; Community Tile Co., \$14,400; Wagner & Fell, \$14,300.

Contract for cement and finish floors in County Court House, was not awarded. The bid of Wagner & Fell, Daily News Bldg., at \$21,600 was taken under advisement until Feb. 20. Two other bids, those of Alfred L. Vezina at \$23,100, and of Roy L. Richardson at \$23,900, were rejected.

SEBASTOPOL. Sonoma Co., Cal.—Election will be called shortly to vote bonds to finance erection of new city hall.



PRATT BUILDING MATERIAL CO.

Clarence F. Pratt, President

Howard W. Senter, Secretary

Central Office—Hearst Building

Plants and Yards At

San Francisco, Prattrock (Near Folsom), Sacramento, Marysville, Prattco (Monterey County), Mayhew (Sacramento County)

SAND—CRUSHED ROCK—GRAVEL—CONCRETE MIX

Dear Sirs:—Open the enclosed small envelope and examine the sample of washed American River plastering and brick mortar sand, and you will see what four (not one, two or three) washings of our river sand will produce. One would think that one washing or maybe two would clean this sand. Not for us—we wash it four times and it is absolutely clean, that is every carload—even a thousand carloads.

We produce this sand at the 12th street bridge in Sacramento and at Mayhew, nine miles up the river from Sacramento (formerly the sand, rock and gravel plant of the American River Sand & Gravel Company, which we purchased last October).

As you probably know we also produce clean sand, both plastering and concrete at Marysville (white sand out of the Yuba River), Prattco, Monterey County, ("Prattco Amber" sand No. 2—fine and No. 4—coarse), and Mayhew, (Sacramento County).

All the leading dealers handle Pratt's clean, washed sand. Don't ask for sand—say "I want Pratt's washed and screened clean sand."

Our \$250,000.00 crushed rock and washed gravel plant is located at Prattrock (near Folsom)—twenty miles from Sacramento.

Yours for clean sand,

CLARENCE (SANDY) PRATT, President.
P. S.—The enclosed American River Sand as well as our White Marysville sand and our "Prattco Amber" sand are good locomotive sands.

MANY OF the readers.

DO NOT match.

OF THIS near-comedy.

SANDY'S HOBBY has been.

WRITTEN BY Clarence (Sandy) Pratt.

CLEAN SAND (and rock).

RECEIVED THE above letter.

IT HAS built up.

LAST JULY (warm weather).

A WONDERFUL business.

BUT SANDY feared.

FOR SANDY'S companies.

SOME FEW might forget.

AND BECAUSE Sandy's concern.

JUST HOW many times.

WASHES AMERICAN River sand.

SANDY'S CROWD wash the sand.

OVER AND over again.

OUT OF the American River.

IS THE cause.

AND PARAGRAPH one only.

OF PART of that success.

OF THE above letter.

"I THANK you."

GIVES THIS information.

IMPORTANT AS it is.

MOST FIRMS succeed and prosper.

BECAUSE THEY produce.

SOMETHING BETTER.

THAN THE other fellow.

OR THE successful firm.

GIVES A service.

THAT OTHERS.

IN THE same line.



Clarence (Sandy) Pratt, President of the Pratt Building Material Company, screens and washes and washes and screens his sand till it is clean.

OAKLAND, Alameda Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect addition to industrial shop building at the Industrial Home for Adult Blind, Oakland. Present building is one-story brick with interior frame construction and composition roof. New work consists of addition of 2nd story of frame and stucco construction and tile roof and alterations to existing work. Plumbing, heating and electric work included. Est. cost \$15,000. Geo. B. McDougall, state architect.

	Days
Jos. Piaske, 666 Mission st., San Francisco	\$11,110 90
Jacobs & Pattiani, S. F.	11,221 50
Herbert K. Henderson	11,368 90
J. B. Bishop, Oakland	11,692 60
John M. Bartlett, Oakland	11,446 60
Heath & Wendt, Oakland	11,956 80
The Miner Co., Oakland	12,289 70
T. T. Courtwright, Oakland	12,511 90
A. Frederick Anderson, Oak.	12,577 95
C. M. Bostrom, Oakland	12,867 90
J. A. Bryant, S. F.	12,995 30
Spivock & Spivock, S. F.	13,000 —
E. A. Scott	13,100 80
George Swanstrom, Oakland	13,144 100
Emil Peterson, Oakland	13,293 100
Clancy Bros., Oakland	13,460 100
F. R. Siegrist Co., S. F.	13,600 100
John E. Branagh, Oakland	13,700 75
Leibert & Trobeck, S. F.	13,740 100
B. S. McIntyre, Oakland	13,760 50
Peter Sorensen, S. F.	14,318 80
Sullivan & Sullivan, Oakland	14,490 —
J. S. Hannah, S. F.	14,500 75
E. K. Nelson, S. F.	14,717 90
E. T. Leiter & Son, Oakland	14,737 90
F. C. Amoroso, S. F.	15,970 90

Bids To Be Advertised Next Week.
MACHINERY BLDG. Cost, \$135,000
SACRAMENTO, Sacramento Co., Cal.
 Fair Grounds.
 Reinforced concrete machinery building.
 Owner—State of California.
 Architect—Henry H. Guttersen, 526 Powell St., San Francisco.

LOS ANGELES, Cal.—The Los Angeles Board of Supervisors will ask the voters at the November election to affirm a \$10,000,000 bond issue for the purpose of erecting a new county court building. It is proposed to erect the building on the west side of Broadway south of Temple St. It will cost \$15,000,000. Funds will be raised from taxation as well as by bond issue.

SOUTH SAN FRANCISCO, Cal.—New bids, to be opened Feb. 14, 7:30 p. m., are being taken by Mr. McSweeney, city clerk, for the construction of a 1-story concrete fire house for housing fire alarm system. R. C. Stickle, 304 Linden st., South San Francisco, submitted the only bid at previous bid opening, at \$3297, which was rejected.

SALINAS, Monterey Co., Cal.—W. F. Sechrest, Salinas, at \$1209 awarded contract by city to repair city hall. W. E. Green, Salinas, only other bidder at \$1629.

RESIDENCES

Plans Being Completed.
RESIDENCE Cost, \$40,000
SAN FRANCISCO. Washington and Spruce Streets.
 Two-story frame and brick veneer residence (English type; 12 rooms and 5 baths).
 Owner—Leland Rosener.
 Architect—Albert Farr and F. Ward, 68 Post St., San Francisco.
 Bids will be taken in two weeks for a general contract.

Plans Being Figured—Bids Close Feb. 9.
RESIDENCE Cost, \$30,000
SAN FRANCISCO. St. Francis Wood.
 Two-story and basement frame residence (Spanish type, 14 rooms and 4 baths).
 Owner—Mr. and Mrs. Henry Sutherlin.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost \$10,000
OAKLAND, Alameda Co., SW Los Angeles and Mt. Gate.
 Two-story frame and stucco residence, 6 rooms.
 Owner—H. J. Bemis, 14th and Jefferson st., Oakland.
 Architect—None.
 Contractor—C. A. Auloff.

Contract Awarded. Cost, \$46,000
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco residence (12 rooms and 4 baths).
 Owner—Charles E. Rayner.
 Architect—John White, 163 Sutter St., San Francisco.
 Contractor—Weeden Bros., Menlo Park.

Bid In And Under Advisement.
RESIDENCE Cost, \$12,000
SAN FRANCISCO. Sunset Heights.
 Two-story frame and brick veneer residence, English type.
 Owner—Fred M. Davis.
 Architect—B. Cooper Corbett, 1720 Pacific Ave., San Francisco.
 As soon as financing arrangements are completed contract will be awarded.

Plans Being Figured. Cost, \$17,000
RESIDENCE
SAN MATEO, San Mateo Co., Cal. Baywood.
 Two-story frame and stucco residence (English type; 8 rooms and 2 baths).
 Owner—R. W. Truett.
 Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.
 Bids are being taken for a general contract.

Sub-Bids Being Taken.
RESIDENCES Cost, \$12,000 each
SAN MATEO, San Mateo Co., Cal. Baywood.
 Four two-story frame and stucco residences (Spanish type).
 Owner and Builder—B. E. George.
 Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.

Contract Awarded. Cost, \$6000
RESIDENCE
HAYWARD, Alameda Co., Cal.
 One-story six-room frame and stucco residence.
 Owner—Mr. Andrade, Hayward.
 Architect—Hutchison & Mills, 1214 Webster St., Oakland.
 Contractor—E. Johnson, Hayward.

Plans Being Prepared
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., Haddon Hill.
 Two-story frame and stucco residence, 8 rooms, 2 baths.
 Owner—Withheld.
 Architect—Sydney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
 Bids will be taken for a general contract in 10 days.

Contract Awarded Cost \$—
RESIDENCE
CARMEL, Monterey Co.
 One-story rustic residence.
 Owner—Miss Ella M. Kellogg.
 Architect—George E. McVrea, Hearst Bldg., S. F.
 Contractor—Jas. Whitcomb, Dolores & Ninth sts., Carmel.

General Contract Awarded
RESIDENCE Cost \$40,000
FEDMONT, Alameda Co., Cal.
 Two-story and basement frame and stucco residence (Spanish type, 10 rooms, 5 baths).
 Owner—Al Coogan.
 Architect—Sydney, Archie and Noble Newsom, Federal Realty Bldg., Oakland.
 Contractor—George Maurer, 50 York dr., Oakland.
 Bids on other portions of the work are in and will be awarded shortly.

RESIDENCE Cost \$11,500
FEDMONT, Alameda Co., Cal.
 Two-story 7-room frame and stucco residence (English type).
 Owner—Calise Crosby, Central Bank Bldg., Oakland.
 Architect—W. E. Schrimmer, Thayer Bldg., Oakland.
 Plans Ready for Bids in One Week

Plans Being Prepared. Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Baywood.
 One-story seven-room frame and stucco residence (Spanish type).
 Owner—J. L. Pierce.
 Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.
 General bids will be taken in about ten days.

Plans Being Figured. Cost, \$12,000
OAKLAND, Alameda Co., Cal. Oakland Highlands.
 Two-story and basement frame and stucco residence (8 rooms; 2 baths).
 Owner—G. O. Klinger, 2122 California St., Berkeley.
 Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Preparing Preliminary Plans. Cost, \$15,000
OAKLAND, Alameda Co., Cal. St. James Wood.
 Two-story frame and stucco residence (8 rooms and 2 baths; English type).
 Owner—Withheld.
 Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Plans Being Completed. Cost, \$40,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story frame and brick veneer residence (20 rooms, 5 baths).
 Owner—L. F. Lennox.
 Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.
 Bids will be taken shortly.

SAN LUIS OBISPO, Cal.—As previously reported, bids will be received by the State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect two-story frame and stucco, nine-room, Spanish type residence at Polytechnic School Campus, San Luis Obispo. Est. cost \$18,000. Geo. B. McDougall, state architect, Forum Bldg., Sacramento. Bids are wanted for a general contract. See call for bids under official proposal section in this issue.

Plans Ready for Bids in 2 Weeks
RESIDENCE Cost \$10,000
MIRA VISTA, Contra Costa Co., Cal.
 Two-story frame and stucco residence (9 rooms, 2 baths, double garage).
 Owner—Ira Vaughan, city treasurer, Richmond.
 Architect—Raymond De Sanno and Lynn Bedwell, 271 10th st., Richmond.

Bids In—Taken Under Advisement. Cost, \$15,000
RESIDENCE
OAKLAND, Alameda Co., Cal. Lake District.
 Two-story and basement frame and stucco residence (8 rooms and 2 baths).
 Owner—Wm. H. Shost, 2720 Broadway, Oakland.
 Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Plans Being Figured—Bids Close Feb. 14
RESIDENCE Cost, \$3000
OAKLAND, Alameda Co., Cal. Park Boulevard.
 Two-story frame and stucco residence (two four-room dwellings).
 Owner—Miss Jacobsen.
 Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Laysouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Plans Being Prepared.

RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal. Hampton Road.

Two-story frame and stucco residence (10 rooms, 3 baths; French style).
 Owner—Withfield.

Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, \$25,000
SAN FRANCISCO, E Lyon St. S Greenwich St.

Three-story and basement frame and stucco residence.

Owner and Builder—Henry H. Simons, 2250 Chestnut St., San Francisco.

Architect—J. H. McFarland, 2250 Chestnut St., San Francisco.

SCHOOLS

PLANS ON FILE

FRESNO, Fresno Co., Cal.—Plans and specifications and forms for bidding in connection with the Benjamin Franklin Elementary School; Morris E. Dailey Elementary School and John C. Fremont Elementary School are on file in the office of Larsen Advance Construction Reports—Building & Engineering News and may be inspected by those interested. Bids will be opened, as previously reported, Feb. 23, 5 P. M. All structures will be of brick construction, one-story in height but with floor construction for a future story. These structures comprise the first unit of each building of what is to be a 25-room school. Plans prepared by Shields, Fisher & Lake, architects and engineers, Pacific Southwest Building, Fresno.

CORCORAN, Kings Co., Cal.—G. A. Graham, Dinuba, at \$10,122 awarded contract by Corcoran Union High School District, to erect first unit of concrete gymnasium. Swartz & Ryland, architects, Rowell-Chandler Bldg., Fresno. Other bids: Hodgson & Son, Porterville, \$10,950; Roy Martin, Fresno, \$10,990; Earl Bowen, Strathmore, \$10,992; A. C. Neal, Lemoore, \$11,088; J. F. Brown, Hanford, \$11,306; R. Pedersen, Fresno, \$11,419; Martin Construction Co., Fresno, \$12,439; E. G. Washburn, Hanford, \$12,357.

McFARLAND, Kern Co., Cal.—Kern County High School District contemplates erection of a new high school building. Pupils at present are housed in a portion of the grammar school which quarters are needed by the elementary grades. Estimates of cost for a new structure will be prepared at once. Similar conditions prevail at Shafter and it is possible a new structure will be erected there. Costs will probably be prepared by Architect Chas. H. Biggar, Bank of Italy Bldg., Bakersfield.

Sketches Prepared.

GYMNASIUM, ETC. Cost, \$20,000
MODESTO, Stanislaus Co., Cal. Modesto High School Campus.
 One-story frame assembly hall and gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 47 N. Grant St., Stockton.
 Plans will be completed about April 1st.

PULLMAN, Wash.—Until Feb. 27, bids will be received by Regents of the University of Washington, Pullman, to erect class A physics building on campus; est. cost \$400,000. Bids are wanted for a general contract with separate bids for plumbing, heating and ventilating, electric wiring and fixtures. John Graham, architect, Dexter-Horton Bldg., Seattle. Plans obtainable from Regents on deposit of \$25, returnable.

REDWOOD CITY, San Mateo Co., Cal. Sequoia Union High School District votes bonds of \$250,000 to finance one additional wing for main building to house 17 classrooms; girl's gymnasium; addition; remodel present gymnasium for boys; erect new mechanical arts building on unit plan; a woodshop and machine shop being the first unit (the present building to be used for general shop), new structure to house cafeteria and music departments. These improvements will provide school facilities for 1500 pupils propose to purchase site for a new high school failed to carry.

FRESNO, Fresno Co., Cal.—As previously reported, bids will be received March 6, 2 P. M., by State Department of Public Works, Division of Architecture, to erect science building for Fresno State Teachers' College. Will be reinforced concrete construction; est. cost \$200,000. Allison & Allison, architects, Hibernian Bldg., Los Angeles. Bids are wanted for (a) general contract and (b) mechanical work. General work will include all work except plumbing, heating and electrical work. Mechanical work includes plumbing, heating and electrical work. Separate bids will be received for electrical work and for plumbing and heating. Combined bids will also be considered for all three branches of the work. Geo. B. McDougall, state architect. See call for bids under official proposal section in this issue.

Plans Being Prepared.

SCHOOL Cost, \$35,000
DOS PALOS, Merced Co., Cal.
 High school auditorium.
 Owner—Dos Palos High School District.
 Architect—W. J. Wright, Mail Bldg., Stockton.

Plans will be ready for bids after March 1st.

Commissioned to Prepare Plans

SCHOOL Cost \$—
EAST OAKLAND, Alameda Co., 64th st.
 One-story brick and concrete school bldg., 6 classrooms.
 Owner—Oakland Board of Education.
 Architect—George O'Brien, Federal Telegraph Bldg., Oakland.

Plans Being Completed

ADDITION Cost \$50,000
STOCKTON, San Joaquin Co., Cal.
 Three-story brick classroom addition to present high school bldg. (16 rooms and cafeteria).
 Owner—Stockton Union High School District.
 Architect—Peter Sala, 2130 N Commerce st., Stockton.

Bids will be taken in about 3 weeks.

Working Drawings to be Prepared

ADDITION Cost \$65,000
PERKINSLEY, Cal. Garfield School.
 Two-story wing addition for school.
 Owner—Berkeley Board of Education.
 Architect—Jas. W. Plachek, Mercantile Bank Bldg., Berkeley.

Will contain cafeteria seating approx. 1000 pupils and 8 classrooms; will be two-story with foundations capable of carrying one additional story.

Plans Being Figured—Bids Close March 6, 2 P. M.

SCIENCE BLDG. Cost, \$200,000
FRESNO, Fresno Co., Cal. Fresno State Teachers' College.
 Owner—State of California.
 Architect—Allison & Allison, Hibernian Bldg., Los Angeles.

FRESNO, Fresno Co., Cal.—Steve Dueich at \$1787.25 awarded contract by Board of Education to construct curbs and walks and lawn sprinkler system in Edison Technical School grounds.

ELK GROVE, Sacramento Co., Cal.—B. H. Hanly at \$28,500 awarded contract by Trustees of Elk Grove High School District to erect gymnasium from plans of Dean & Dean, architects, California State Life Bldg., Sacramento.

Preliminary Plans Approved

ENTRANCE Cost \$100,000
BERKELEY, Alameda Co., U. of California.

Triple gate entrance (there will be considerable landscaping).

Owner—University of California.
 Architect—George W. Kelham, 315 Montgomery st., S. F.

The entrance will have two automobile gates and one pedestrian gate, connecting with a semi-circular drive.

Excavating will be started Feb. 29 by students.

Plans to be Revised

ADDITION Cost \$30,000
DUNSMUIR, Siskiyou Co., Cal.
 One-story frame and stucco addition to present school (five classrooms).
 Owner—Dunsmuir Union High School District.
 Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

MODESTO, Stanislaus Co., Cal.—J. H. Bradley, city superintendent of schools, will recommend the construction of a general assembly hall and gymnasium on high school campus. Est. cost \$20,000. Will be approx. 80x120 feet.

Plans Being Completed

SCHOOL Cost \$100,000
HOLLISTER, San Benito Co.
 Second unit of high school buildings (2-story concrete construction).
 Owner—San Benito High School District.
 Architect—W. H. Weeks, Hunter Dulh Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-1st st., San Jose.

REDWOOD CITY, San Mateo Co., Cal.—Until Feb. 23, 8 P. M., bids will be received by Henry Steinberger, Clerk, Redwood City Grammar School District, to fur and install 600 Heywood Wakefield Opera Chairs, No. 432 or equal. Cert. check 10% payable to clerk req. with bid. See call for bids under official proposal section in this issue.

Plans Being Figured—Bids Close Feb. 11

SCHOOL Cost, \$6000
ALLEY FORD, Sonoma Co., Cal.
 One-story 2-room frame and stucco school building.
 Owner—American Valley School District.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Preparing Working Drawings.

SHOP BLDGS. Cost, \$70,000
AND, Alameda Co., Cal. East Oakland High School.
 Two frame shop buildings.
 Owner—City of Oakland Board of Education.
 Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
 Plans will be ready for bids in 30 days.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

OAKLAND, Alameda Co., Cal.—George Swanstrom, 1723 Webster St., Oakland, at \$50,154 submitted low bid and was awarded contract by Board of Education, 211 City Hall, to erect Oakland High School shop building at southwest corner of Hopkins St. and Park Blvd. Will be reinforced concrete construction, one-story in height.

Finish hardware contract was awarded to Maxwell Hardware Co., 1320 Washington St., Oakland, at \$549.

GRIDLEY, Butte Co., Cal.—The Mathews Construction Co., Forum Bldg., Sacramento, was awarded the contract at \$21,441 for the construction of a two-story class C brick and terra cotta high school. Est. cost \$150,000. Davis-Pearce Co., architects, Stockton.

Following is a complete list of the bids with alternates:

Alternate 1, add, terra cotta in place of cement; alt. 2 ded., awning type windows in place of steel sash; alt. 3 add, steel lockers; alt. 4 add, gymnasium lockers; alt. 5 ded., linoleum in place of maple floors; alt. 6 ded, brick veneer in place of 1 x 8 rustic, painted; alt. 7 ded., change in roof, omitting tower; alt. 8 add, telephone equipment, stage equipment; alt. 9 add, program and secondary clock system; alt. 10 add, experimental switch board equipment and electric water heater; alt. 11 add, electric fixtures and lamps; alt. 12 add, cooking tables; alt. 13 ded., omit linoleum and cork carpets; alt. 14 add, acoustical plaster in auditorium and corridors; alt. 15 add, sidewalks.

Mathews Construction Co., Sac., \$121,441; 1, \$750; 2, \$1200; 3, \$1750; 4, \$135; 5, \$1000; 6, \$1900; 7, \$1600; 8, \$1500; 9, \$2200; 10, \$1100; 11, \$1698; 12, \$1250; 13, \$1800; 14, \$900; 15, \$400.

H. M. Johns, Stockton, \$121,721; 1, \$885; 2, \$389; 3, \$1664; 4, \$55; 5, \$1154; 6, \$3043; 7, \$3881; 8, \$1191; 9, \$1787; 10, \$875; 11, \$1394; 12, \$400; 13, \$720; 14, \$605; 15, \$1225.

J. F. Shepherd, Stockton, \$125,000; 1, \$924; 2, \$1040; 3, \$1612; 5, \$871; 6, \$1800; 7, \$4000; 8, \$984; 9, \$265; 10, \$957; 11, \$1449; 12, \$620; 13, \$1601; 14, \$875; 15, \$1339.

Tucker & Riley, Stockton, \$127,849; 1, \$645; 2, \$670; 3, \$1794; 4, \$250; 5, \$190; 6, \$2650; 7, \$3596; 8, \$984; 9, \$2265; 10, \$951; 11, \$1450; 12, \$420; 13, \$1500; 14, \$1455; 15, \$1214.

The Minton Co., Mt. View, \$128,154; 1, \$835; 2, \$940; 3, \$1530; 4, \$450; 5, \$650; 6, \$2213; 7, \$2764; 8, \$1350; 9, \$2250; 10, \$1025; 11, \$1650; 12, \$692; 13, \$2450; 14, \$710; 15, \$425.

Herndon & Finnigan, Sacramento, \$128,857; 1, \$1525; 2, \$1542; 3, \$1660; 4, \$510; 5, \$425; 6, \$2042; 7, \$1005; 8, \$1397; 9, \$2095; 10, \$993; 11, \$1498; 12, \$625; 13, \$1616; 14, \$1792; 15, \$1275.

J. H. Carpenter, Stockton, \$129,603; 1, \$595; 2, \$1512; 3, \$1465; 4, \$1000; 5, \$187; 6, \$1718; 7, \$3475; 8, \$984; 9, \$2264; 10, \$1246; 11, \$1662; 12, \$700; 13, \$1700; 14, \$600; 15, \$1357.

H. E. Vickroy, Stockton, \$130,948; 1, \$700; 2, \$900; 3, \$1525; 4, \$1050; 5, \$800; 6, \$2842; 7, \$2200; 8, \$1000; 9, \$2400; 10, \$1265; 11, \$1680; 12, \$500; 13, \$1760; 14, \$1549; 15, \$1500.

George W. Tolley, Gridley, \$134,974; 1, \$1600; 2, \$225; 3, \$2200; 4, \$1150; 5, \$1332; 6, \$2735; 7, \$2408; 8, \$1322; 9, \$1995; 10, \$952; 11, \$1548; 12, \$600; 13, \$1500; 14, \$700; 15, \$1000.

John E. Branagh, Oakland, \$135,700; 1, \$2100; 2, \$700; 3, \$1700; 4, \$750; 5, \$850; 6, \$2850; 7, \$2350; 8, \$1315; 9, \$1900; 10, \$930; 11, \$1540; 12, \$700; 13, \$1600; 14, \$750; 15, \$1200.

F. N. Shalz, Chico, \$138,000; 1, \$710; 3, \$1736; 4, \$4.25 ea; 5, \$2790; 6, \$4000; 7, \$1723; 8, \$1958; 9, \$952; 10, \$1548; 11, \$1080; 12, \$1650; 15, \$1026.

Contract awarded on main bid, no alternates accepted.

FRESNO, Fresno Co., Cal.—Thompson Bros., Fresno, at \$6590 awarded contract by Board of Education for curbs, walks and roadways at Roosevelt High School site. Bids for grading same site was rejected.

BURBANK, Los Angeles Co., Cal.—The Burbank board of education is planning to call a special election shortly to vote bonds in the sum of \$888,000 for the erection of new high school, junior high schools and elementary school buildings.

PLACERVILLE, El Dorado Co., Cal.—Voters, at recent election, decided to include property known as the Reynolds Tract, adjoining the Bennett Memorial Park, on which will be erected a new high school.

FRESNO, Fresno Co., Cal.—Following contracts awarded by Board of Education for addition to Jefferson School, all bidders of Fresno: General contract, Jolly & Harrington, \$17,334; glass and glazing, Madary's Planing Mill, \$1900; plumbing, Barrett-Hicks Co., \$935; finish hardware, Barrett-Hicks Co., \$487; heating, B. E. Newman Co., \$1842; painting, James E. Harrison, \$974; electric wiring, Electric Constr. Co., \$1454. Bids on blackboards were rejected.

Preliminary Plans Approved.
SCHOOL. Cost, \$18,000
ELVERTA, Sacramento Co., Cal.
One-story frame, stucco and brick veneer school building.

Owner—Lincoln School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.

Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8000.

Working drawings will be started immediately and bids will be called for in six weeks.

LOS ANGELES, Cal.—Pozzo Construction Co., 421 Macy st., submitted the low bid at \$638,875 on the general contract for the erection of Chemistry building at the Westwood Campus of the University of California at Los Angeles. Plans for the physics building were prepared by Architects Allison & Allison, Hibernian Bldg., L. A. It will be three stories with high basement and will contain 36 laboratories, large lecture hall and two lecture rooms. The construction will be of reinforced concrete. The plans for the chemistry building were prepared by Architect Geo. W. Kelham, 315 Montgomery st., San Francisco. Est. cost \$760,000. The bids received on general contract were: Pozzo Construction Co., \$638,875, time 260 days; Sali Bros., \$639,720, 300 working days; H. M. Baruch Corp., \$644,892, 200 days; Weymouth, Crowell Co., \$647,700, 265 days; B. D. Kronick Co., \$656,900, 260 days; J. C. Bannister and R. Frank Gow, \$673,880, 150 working days; Clinton Construction Co., \$674,700, 300 days; Macdonald & Kahn, \$680,000, 275 days; Lang & Bergstrom, \$699,946, 210 days; V. Ray Gould Co., \$730,000, 330 days. The bids were taken under advisement and referred to the board of regents of the University of California for action.

SAN ANDREAS, Calaveras Co., Cal.—Until Feb. 24, 2 p. m., bids will be received by Frank A. Meyer, president, Calaveras Union High School District, to fur and install furniture and general equipment for school buildings. Mayo, Bissell & Co., architects, 421 Miner ave., Stockton. Cert. check 10 per cent payable to Pres. of Dist. req. with bid. Spec. obtainable from architects and on file in office of president of district. See call for bids under official proposal section in this issue.

BANKS, STORES & OFFICES

Plans to be Prepared
BANK. Cost \$100,000
SACRAMENTO, Sacramento Co., Cal.
8th and J sts.

Class A bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell sts., S. F.
Engineer—L. H. Nishkian, 525 Market st., San Francisco.

Project is in a very preliminary state. Buildings on site will be torn down at a later date.

Plans Being Prepared
POST OFFICE. Cost \$40,000
CORCORAN, Kings Co.
One-story brick store and post office bldg.
Owner—Corcoran Dept. Store.
Architect—F. Eugene Barton, Crocker Bldg., S. F.
Engineer—T. Ronneberg, Crocker Bldg., S. F.

Plans will be ready for bids in about 2 weeks.

Plans Being Prepared.
BUILDING. Cost, \$—
SAN JOSE, Santa Clara Co., Cal. W-Santa Clara St.

Two-story concrete building (mall order house on 1st floor; offices, etc., on 2nd floor. Spanish type).

Owner and Builder—Normander-Campen Co., 220 W-Santa Clara St., San Jose.
Architect—W. H. Weeks, Hunter Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; 246 S-First St., San Jose.

Lessees—Montgomery-Ward.

Reinforcing Steel Contract Awarded.
STORE BLDG. Cost, \$1,750,000
SAN FRANCISCO. NW O'Farrell and Stockton sts.

Eight-story and basement Class A department store building and five-story addition to present three-story bldg.
Owner — O'Connor, Moffatt & Co., Post and Kearny sts., San Francisco.

Architect — Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

As previously reported, terra cotta awarded to Gladding, McBean & Co., 660 Market St., S. F.; structural steel to U. S. Steel Products Co., Russ Bldg., S. F.

Segregated Bids Being Taken
BANK, ETC. Cost \$40,000
SAN FRANCISCO, Twenty-fourth and Castro sts.

Two-story class C reinforced concrete bank and office building.
Owner — American Trust Co., 464 California st., S. F.

Architect and Mgr. of Constr. — C. R. Collupy, 464 California st., S. F.

Commissioned To Prepare Plans.
EXCHANGE BLDG. Cost, \$500,000
SAN FRANCISCO, W Montgomery St. S California St., 65x134 feet.

Four-story Class A exchange building, exchange room, board room and gallery, executive offices, printing department, recreation rooms, library, social hall, etc.

Owner—San Francisco Stock & Bond Exchange, 341 Montgomery St., S. F.
Architect—Miller & Plueger, 580 Market St., San Francisco.

Advisory Architect—Warren C. Perry, 260 Montgomery St., San Francisco.
Competitive plans will be taken.

Plans Being Prepared.
BANK BLDG. Cost, \$100,000
SAN FRANCISCO, Mission and Norton Streets.

One-story steel frame and concrete bank building.

Owner—Hibernia Savings & Loan Society
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.

Planned.
ALTERATIONS. Cost, \$12,000
SAN FRANCISCO, Fremont St., bet. Mission and Market Sts.

Alterations to present building.
Owner—Joseph Estate.

Architect—None.

Lessee — H. & L. Block Co., 149 Second St., San Francisco.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

BAKERSFIELD, Kern Co., Cal.—L. L. Hamm Furniture Co., Bakersfield, granted building permit by city to erect \$26,000 store building.

SACRAMENTO, Cal.—John Tait of San Francisco, operating a chain of restaurants, has leased the dining rooms of the Hotel Sacramento, and will expend \$50,000 in remodeling involving general interior changes and interior decorating.

Plans Being Figured—Bids Close Feb. 21
BANK BLDG. Cost, \$75,000
MOLDES TO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.

Contract Awarded
WAREHOUSE Cont. price \$39,180
OAKLAND, Alameda Co., Cal. Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First St., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor—Clinton Construction Co., 923 Poinson St., S. F.

Other bidders were:
Chas. Hoyer, S. F. \$ 93,800
MacDonald & Kahn, S. F. 103,680
Schuler & McDonald, Oakland 103,700
Larsen & Larsen, S. F. 103,920
Cahill Bros., S. F. 107,938
Monson Bros., S. F. 102,274
Lindgren & Swinerton, S. F. 107,000
Vogt & Davidson, S. F. 108,733
C. L. Wold & Co., S. F. 112,791
E. T. Leiter & Son, Oakland 117,887

PALO ALTO, Santa Clara Co., Cal.—Wells P. Goodenough, 310 University Ave., Palo Alto, at \$10,500 awarded contract to erect one-story store building for Smith-Allardice-Bartley at 448 California Ave.; will contain 3 stores; frontage 65 feet.

Contract Awarded
AUTO SALES BLDG. Cost, \$60,000
SANTA ANA, Orange Co., Cal.
One-story steel frame and brick auto sales building.
Owner—Mr. Riley.
Architect—Guy L. Rosebrook, 1242 Franklin St., Oakland.
Contractor—South & Frauzen, Fair View St., Santa Ana.

Plans Being Completed
STORE BLDG. Cost, \$—
SAN FRANCISCO, Howard St. near Fourth St.
Two-story reinforced concrete store building, 50x80 feet.
Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.
Architect—W. H. Crim, 125 Kearny St., San Francisco.
Bids will be taken for a general contract in one week.

SALINAS, Monterey Co., Cal.—George S. Gould, local real estate operator, has sold to Los Angeles interests the Hepple Garage building between Main and Monterey, Alisal and Gabilan streets, who will remodel the structure for a billiard hall and stores. The improvement will involve an expenditure of \$30,000.

Plans To Be Prepared
BUILDING Cost, \$—
SAN JOSE, Santa Clara Co., Cal. W. Santa Clara St.
Two-story building (mail order house on 1st floor; offices, etc., on 2nd floor. Spanish type).
Owner and Builder—Normander-Campen Co., 220 W. Santa Clara St., San Jose.
Architect—W. H. Weeks, Hunter Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; 246 S-First St., San Jose.

Lessee—Montgomery-Ward.
The type of construction has not as yet been decided upon. More definite information will be given in one week.

Planned
MARKET BLDG. Cost, \$50,000
SAN JOSE, Santa Clara Co., Cal. W. Santa Clara St.
Large market building.
Owner and Builder—A. J. Hart, Market and Santa Clara Sts., San Jose.
Architect—Not Selected.

Plans Being Prepared
BANK Cost \$20,000
SAN FRANCISCO, Diamond and Bosworth sts.
One-story frame and stucco bank bldg.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg.

Construction Started
ALTERATIONS Cost, \$—
OAKLAND, Alameda Co., Cal. No. 1530 Broadway.
Alterations and additions to present building.
Owner—The Bedell Co. (William Davis, Mgr.), Premises.
Architect—Mr. McVey, New York.
Contractor—S. Kulchar & Co., 731 E-10th St., Oakland.

HOLLISTER, San Benito Co., Cal.—Coast Counties Gas and Electric Co. has purchased structure at 325 Fifth st. and will remodel the quarters for office and service rooms. New fronts, lockers and locker rooms, meeting room, etc., will be provided.

OAKLAND, Cal.—Until Feb. 21, 10:45 a. m., bids will be received by John W. Edgemond, sec'y., Board of Education, to erect Hawthorne School Assembly Building. Will be 1-story of brick construction; est. cost \$35,000. Cert. check 10 per cent payable to Board of Education req. with bid. Plans obtainable from Supt. of Bldgs., 337 17th st., Oakland. See call for bids under official proposal section in this issue.

Plans Being Figured
ALTERATIONS Cost, \$8000
SAN MATEO, San Mateo Co., Cal. Third Street.
Alterations and additions to present building (add grand stairway, show room, etc.)
Owner—Frederick-Smith Furniture Co., 300 B St., San Mateo.
Architect—Clarence Jackson, 1st National Bank Bldg., San Mateo.

THEATRES

Sprinkler System Contract Awarded
THEATRE Cost \$1,000,000
OAKLAND, Alameda Co., Cal., Telegraph ave., and 19th st.
Class A steel frame and concrete theatre building (seating capacity 4000).
Owner—Central Oakland Block, Inc.
Lessee—West Coast Theatres, Inc., 988 Market St., S. F.
Architect—Maury I. Diggs, 1625 Broadway, Oakland.
Supt. of Constr.—Maury I. Diggs, 1625 Broadway, Oakland.
Sprinkler system—Grinnell Co. of The Pacific, 5th and Brannan sts., S. F.
Other awards reported Jan. 12.

Plans Being Figured—Bids Close Feb. 15
THEATRE Cost \$150,000
REDWOOD CITY, San Mateo Co., Cal., Broadway, opp. courthouse.
Class A theatre (seating capacity 1500).
Owner—Hare, Brewer & Clark, Inc., 130 University ave., Palo Alto.
Architect—Reid Bros., 105 Montgomery St., S. F.
Lessee—E. J. Arkhurst.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Plans Being Completed
THEATRE Cost, \$1,000,000
OAKLAND, Alameda Co., Cal. S 17th St., bet. San Pablo and Telegraph Aves., 100x105 feet.
Class A theatre building, to be known as Duffwin Theatre, seating capacity 1250.

Owner—Income Properties of Calif., Inc., 436 14th St., Oakland (Fred Proctor).
Lessee—Henry Duffy, % Alcazar Theatre, O'Farrell St. near Powell, San Francisco.

Architect—Weeks & Day, Financial Center Bldg., San Francisco.
Interior Decorator—Martin & Co., 1500 Sutter St., San Francisco.
Building has been leased for a period of 20 years and it is expected to have it ready for occupancy about Sept. 1, 1923.

Sub-Contracts Awarded
THEATRE Cost, Approx. \$2,000,000
SAN FRANCISCO, Block bounded by Market, Hayes, Larkin and Polk Sts.
Class A theatre building with seating capacity of 5200.

Owner—The Capital Company, A. P. Giannini, President.
Lessee—Fox Film Corp.
Architect—Thomas W. Lamb, 8th Ave., New York City, and H. A. Minton, Bank of Italy Bldg., San Francisco.

Engineer—H. L. Nishkian, Underwood Bldg., San Francisco.
Mechanical Engineer—Chas. H. Phillips, 550 Montgomery St., San Francisco.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Painting—D. Zellinsky, 165 Grove St., San Francisco.
Granite—McGillvray-Raymond Granite Co., 634 Townsend St., San Francisco

Masonry—Harry Drake, 666 Mission St., San Francisco.
Plumbing—Frederick W. Snook Co., 596 Clay St., San Francisco.

As previously reported, hollow metal, ornamental iron and bronze work awarded to A. J. Bayer Co., Sharon Bldg., S. F.; reinforcing steel to Gunn, Carle & Co., 444 Market St., S. F.; lumber to Reinhardt Lumber Co., Jerrold and Barneveld Sts., S. F.; plastering to Peter Bradley, 639 Brannan St., S. F.; travertine to P. Grassl & Co., 1945 San Bruno Ave., S. F.; form lumber to S. F. Lumber Co., Foot of Mason St., S. F.; excavating to McClure & Chamberlin, 609 Octavia St., S. F.

Contract Awarded
THEATRE Cost \$60,000
SAN FRANCISCO, NE Mission and Rolph streets.
One-story reinforced concrete theatre and store bldg.
Owner—Excelsior Amusement Co., Inc., 988 Market St.
Architect—Reid Bros., 105 Montgomery.
Contractor—G. B. Pasqualetti, 2330 Larkin st.
Building permit applied for.

Sub-bids Being Taken
THEATRE Cost \$—
SAN FRANCISCO, SW Chestnut and Steiner sts.
Two-story class A theatre building (1500 seating capacity).
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgomery St., S. F.
Lessee—Edward Barron and Carol A. Nathan, 221 Golden Gate ave.
Contractor—Industrial Const. Co., 815 Bryant st.

Sub-bids are being taken on the following: Sheet metal, excavating, reinf. steel, struc. steel, misc. and ornam. iron, toilet partitions, glass, painting and decorating, finish hardware, dampproofing, tile roofing, marble, roofing, mill work.

Contract Awarded
THEATRE Cost \$93,000
DALY CITY, San Mateo Co.
One-story steel frame and concrete theatre and store building (2 stores, theatre seating 1250).
Owner—Jefferson Theatre, E. Baron and Carol Nathan, proprietors.
Architect—C. H. Jensen, 605 Market st.
Contractor—Anderson & Ringrose, 320 Market st.

Construction Started
THEATRE Cost \$10,000
MERCED, Merced Co., Cal.
Alterations and additions to present theatre bldg.
Owner—Strand Theatre (Mr. Alberti, manager).
Architect—None.

WHARVES AND DOCKS

SACRAMENTO, Cal.—The following bids were received by city clerk to furnish and install elevator at M street wharf:
Elevator Co., 34 Harriett St., San Francisco, \$13,970.
Elevator Co., 1 Beach St., San Francisco, \$15,980.

OAKLAND, Alameda Co., Cal.—Scottuttner Co., 19 Grand ave., Oakland, at \$87 awarded cont. by City Port Comm. for electrical wiring for light and power Grove Street Pier sheds at the foot of Grove st.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Compete
CREMATORIUM Cost \$30,000
AST OAKLAND, Alameda Co., Cal., Evergreen Cemetery.
 One-story reinforced concrete crematorium building.
Owner—Evergreen Cemetery, Oakland.
Architect—R. C. Schuppert, 1223 Webster st., Oakland.
 Segregated bids will be taken at a later date.

SAN FRANCISCO—Board of Public Works has advised Larsen Advance Construction Reports that a free dump is available in Toland street near Oakdale avenue.

Preliminary Plans Prepared
MUSEUM Cost \$100,000
BERKELEY, Alameda Co., Cal., Mass. A Bible museum.
Owner—Pacific School of Religion, Berkeley.
Architect—W. R. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.
 Preliminary plans have not as yet been approved.

Preparing Working Drawings.
MAUSOLEUM Cost, \$100,000
AN PABLO, Alameda Co., Cal., reinforced concrete mausoleum, interior of marble and bronze.
Owner—Roman Catholic Archbishop.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

Contract Awarded.
STATION Cont. Price, \$40,000
OAKLAND, Alameda Co., Cal., one-story steel frame oil station (store and apartment).
Owner—Carroll Boswell, 3979 Broadway, Oakland.
Architect—None.
Contractor—Danver McGregor.

SACRAMENTO, Cal.—Gamewell Co., 39 Larkin St., San Francisco, awarded contract by City for furnishing and installing fifteen boxes for fire alarm system. Contract price, \$2295.

Bids Close Feb. 28, 2 p. m.
BUILDINGS Cost \$75,000
FRESNO, Fresno Co., five 1-story buildings, pump houses, offices, supt. cottage.
Owner—Pacific Fruit Express Co., 65 Market st., S. F.
Architect—Engineering Dept. of owner.

FRESNO, Fresno Co., Cal.—Architect V. D. Coates Jr., 626 Rowell-Chandler Bldg., Fresno, preparing plans for natatorium to be erected at 1730 H street for Lloyd and Clyde Jackson of Crown Printing & Engraving Co., 1923 Fresno st., and Reg. H. Dauner, former manager of the Fresno Natatorium and the M street Plunge. Will be two stories in height, housing tank 100 ft. by 37½ ft. from 3 ft. to 10 ft. in depth; \$10,000 filtering and chlorination and heating plant will be installed. Interior finish of tile and concrete; exterior of brick. Total cost, \$60,000.

SALINAS, Monterey Co., Cal.—Herbert P. Kinzey, Salinas, at \$648 awarded contract by city council to install patent toilets in Sherwood's Park. Other bids: B. E. Underwood, Salinas, \$653; W. E. Irune, Salinas, \$769; W. F. Schoist, Salinas, \$882.

PITTSBURG, Contra Costa Co., Cal.—City council has called meeting with Oakland aviators regarding the establishment of a municipal airport for Pittsburg.

SALINAS, Monterey Co., Cal.—Salinas Post No. 31, American Legion, has donated 33 acre site to city to improve as a municipal airport.

SPADRA, Los Angeles Co., Cal.—The Campbell Construction Co., 228 E Transit st., Ontario, at \$36,250 was awarded the contract by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general construction of Employe Building and Garage at the Pacific Colony, Spadra. The Employe Bldg. will be a two-story building with reinforced concrete exterior walls, tile roof and reinforced concrete and frame interior construction with composition roof and wire partitions. Geo. B. McDougall, state architect. Electric work awarded to Moore Electric Co., 321 W Third st., L. A., at \$1530; plumbing and heating awarded to Jones Heating Co., 28 E Union st., Pasadena, at \$8812.

OAKLAND, Cal.—Electric Controller & Manufacturing Co., Call Bldg., San Francisco, at \$29,106 submitted low bid to county to fur. motor control equipment for ventilating fans in Oakland and Alameda Ventilating Buildings of Estuary Subway. Other bids, taken under advisement until Feb. 9, were: Butte Elec. Mfg. Co., \$29,668; Cutlet-Hammer Mfg. Co., \$33,550.

OAKLAND, Alameda Co., Cal.—The Steel Tank & Pipe Co. of California, 1100 Fourth st., Oakland, awarded contract at (a) \$4848 (b) \$200 by City Port Commission to fur. and del. (a) 30 pontoon pipe and (b) one pontoon ell-w.

RED BLUFF, Tehama Co., Cal.—City will vote direct tax for \$5000 to establish a landing field at the municipal airport at Bidwell Airport.

OAKLAND, Alameda Co., Cal.—The Pacific Coast Engineering Co., foot of Fourteenth st., Oakland, at \$8525 was awarded the contract by city Port Commission to fur. and del. 31 ball joints.

OAKLAND, Alameda Co., Cal.—The Oakland Harbor Constr. Co., Oakland, at (a) \$7.75 and (b) \$11, was awarded the contract by City Port Commission (a) to drive piles for pipe line trestle, and (b) power pole line in San Leandro Bay for account dredging operations.

PITTSBURG, Contra Costa Co., Cal.—Western Pacific R. R. will appropriate \$20,000 to finance erection of new freight and passenger depot here for the Sacramento Short Line. Will be erected at Eighth and Railroad Ave.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

D-2751—Refrigerating Machines. Glendale, Cal. Party wishes to get in touch with San Francisco business man or a manufacturing concern, interested in taking over the exclusive manufacturing and selling rights of a line of small refrigerating machines, from 1/8 horsepower up. Machines are said to have several advantageous features not included in similar machines which are now on the market.

D-2754—Refrigerators. Waterloo, Ia. Manufacturers of a line of refrigerators, suitable for every purpose, wish to secure a suitable representative to handle the distribution of their line in this territory on a commission basis.

12641—Douglas Fir Lumber and Timber. Bremen, Germany. Old-established firm of lumber importers, exporters and manufacturers, formerly having large holdings in Florida, are very desirous of establishing business connections with California mills producing and exporting Douglas Fir lumber and timber, who

would be interested in having an agent or representative firm in Germany through which they could sell their products.

12644—Air Compressors. Absorption Machines. Karlovy Vary, Czechoslovakia. Company desires to represent, in Czechoslovakia, American manufacturers or exporters of air compressors, absorption machines, etc.

12645—Cuban Representation. Havana, Cuba. Commission merchants and manufacturers' representative in Cuba desire to handle additional lines not conflicting with present connections, either introduction of new product or distribution of staples and trade-marked merchandise. Company is American controlled and operated and has selling, distributing, collecting and warehouse facilities.

12648—Hardware. Darjeeling, India. Company desires to represent American exporters and manufacturers of hardware.

12651—Representation in Germany. Berlin, Germany. Citizen of the United States, now established in Berlin as a patent attorney, desires to get in touch with American firms wishing representation or advise in general patent matters, international patent practice, trade marks, etc.

12652—Hardware, Window and Plate Glass. Hongkong, China. Trading company seeks connections with American manufacturers of the above-mentioned lines.

12654—Hardware. Cape Town, South Africa. Party having agencies throughout the Union of South Africa desires to represent American exporters of hardware.

12662—American Products for Japan. San Francisco, Cal. Gentleman, leaving shortly for Japan, desires to establish connections with manufacturers who require selling agent in Japan to operate on a commission basis.

12665—Radio Supplies and Equipment. Kobe, Japan. Importers of radio supplies and equipment seek connections with San Francisco manufacturers and exporters of radio novelties, loud speakers, transformers, tubes, headphones, crystals, battery chargers, etc.

12666—Tiles. Tokyo, Japan. Company wishes to receive catalogs, samples and prices f. o. b. from American manufacturers of tiles, particularly ceramic mosaic tile.

12669—Brazilian Representation. Los Angeles, Cal. Business man, now in Los Angeles, having excellent connection and experience with the leading commercial houses, industrial and manufacturing concerns, railways, etc., in Rio de Janeiro, Montevideo and Buenos Aires, desires to represent California manufacturers in Brazil and the New Plate territory, from Pernambuco to Buenos Aires, with a view to getting first orders, increasing sales and establishing agencies.

CERTIFICATES GRANTED

California State Board of Architecture, Northern District, has issued certificates for the practice of architecture to: Leon D. Lockwood, 229 North Riverside Ave., Rialto, Calif., or 105 Montgomery St., San Francisco; Rollin S. Tuttle, 505 California Bldg., Oakland, and Eugene N. Maurer, 9 Ancha Vista Lane, San Anselmo.

SACRAMENTO BUILDING

J. R. Shields, Sacramento city building inspector, reports the issuance of 149 permits in January for improvements involving an expenditure of \$375,119. January, 1927, permits totaled 182, the work costing \$546,958.

BAY LUMBER IMPORT SHOWS BIG INCREASE

Lumber shipments into San Francisco for January totaled 77,674,000 feet, the marine department of the local chamber of commerce announces, representing a gain of 22,016,000 feet over December. From Oregon and Washington ports the January total was 49,653,000 feet, a gain of 7,714,000, while from the California coast ports the total was 19,850,000. This was a gain of 3,247,000 feet.

Engineering News Section

BRIDGES

FRESNO COUNTY, Cal.—State Highway Department, C. H. Purcell, chief engineer, is preparing plans for Herndon bridge over San Joaquin river near Fresno. Will consist of four 162 ft. deck steel truss spans, two 83 ft. deck girder spans and one 66 ft. deck girder span supported by concrete piers. The curbs and end posts are to be const. of reinf. conc. The structure will provide a 30-ft. clear width of roadway, the truss being so designed that an additional ten feet of roadway may be added at such time as traffic demands it. The bridge is to be constructed on the south side of the railroad bridge, thus eliminating the present grade crossing over the railroad tracks at each side of the river.

YUBA CITY, Sutter Co., Cal.—Live Oak residents petition county supervisors to const. bridge over Feather River at Live Oak.

SAN FRANCISCO—Until Feb. 29, 2 P. M., bids will be rec. by Board of Public Works to furnish and repair fender piling at Third and Channel bridge; est. cost, \$1800. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

REDLANDS, Cal.—City plans new bridge over San Timoteo creek at new S. P. Station, est. cost \$20,000, and three bridges over the Zanja at University, Judson and Seventh sts., est. cost \$5000.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 14, 5 p. m., bids will be rec. by V. Van Riper, city clerk, to const. one pipe siphon at Arraujo Ditch. Spec. obtainable from W. D. Clarke, city eng. Cert. check 10 per cent req. with bid.

PHOENIX, Ariz.—Levy Construction Co., Denver, Colo., at \$154,144 awarded cont. by State Highway Comm. to const. suspension bridge over Gila river, 3½ miles from Dome. Will have steel towers with conc. bases, 798 feet in length, bet. towers, with 114-ft. steel truss on Phoenix side and 57-ft. truss on Yuma side; laminated wood floor with sand asph. surface.

LOS ANGELES, Cal.—County of Los Angeles will expend \$360,000 in Long Beach district this year for bridge construction.

MARTINEZ, Contra Costa Co., Cal.—G. H. Field, Antioch, at \$7910 (eng. est. \$9450) awarded cont. by county to const. steel and conc. bridge over Marsh creek, near Brentwood.

OAKLAND, Cal.—County Surveyor Geo. A. Posey making surveys for Brightside bridge in Crows Canyon road. Geo. A. Gross, county clerk.

FRESNO COUNTY, Cal.—Bids will be asked shortly by State Highway Commission to const. Herndon bridge over the San Joaquin river west of Herndon. The proposed structure will eliminate two r. r. crossings; will consist of four 162-ft. deck steel truss spans and one 66-ft. deck girder span supported by conc. piers resting on a pile foundation. Deck and curbs and end posts of reinf. conc.; will provide a 34-ft. clear width rdwy., truss being designed so that 10 ft. width of rdwy. may be added at traffic conditions demand. Cost, \$220,000. C. H. Purcell, state highway engineer.

DREDGING, HARBOR WORKS AND EXCAVATIONS

PALO ALTO, Santa Clara Co., Cal.—A. S. Dutra, 1122 Greenwood st., Palo Alto, at \$3500 awarded cont. by city for diking and dredging Mayfield slough and portion of intended yacht harbor on city lands on bay front.

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy completing spec. to reclaim 280 acres of land in Islais Creek Reclamation District. Assessments against the property are practically completed. Project involves construction of more than 1 mile of seawall and other imps. Est. cost, \$1,500,000.

SAN JOSE, Santa Clara Co., Cal.—Business and professional men, meeting in Hotel Salnte Claire Hotel, propose to develop harbor at Alviso, 8 miles north of San Jose at the south end of San Francisco Bay. E. A. Hayes, former congressman; W. W. Wall, traffic manager of San Jose Chamber of Commerce, and Theron D. Tracey, industrial engineer, back the proposal to be known as "Port San Jose."

IRRIGATION PROJECTS

BAKERSFIELD, Kern Co., Cal.—A. L. Trowbridge, chief engineer for the Kern River Water Storage District, in a report submitted to the Farmers Protective Association, estimates the cost of the proposed water project at \$12,210,000, itemized as follows: Storage of 150,000 ac. ft. of water back of high dam at Isabella, \$2,732,500; canal system, physical works, \$5,225,852; ground water replenishment works, \$227,718; district pumping system, \$1,642,800; surface drainage system, \$259,962; purchase of water rights, \$2,057,987; preliminary engineering, \$7,181; spreading assessment, \$25,000.

MODESTO, Stanislaus Co., Cal.—Morris-Noble Co. of San Francisco has purchased the \$50,000 bond issue of the West Stanislaus Irrigation District. The funds are to be used for the development of an irrigation system for approximately 20,000 acres in Western Stanislaus county. The proposed work will include the installation of a pumping plant at the junction of the San Joaquin and Tuolumne Rivers, near the old town of Grayson, and the construction of a main canal, concrete lined, seven miles in length. The canal is to have a capacity of 250 second feet. The water will be raised by a series of seven lifts, each 22 ft. high. W. F. Wooley, engineer, has announced that work will start in 60 to 90 days.

MERCED, Merced Co., Cal.—Chief Eng. A. Blakesley of Merced Irrigation District authorized to expend \$23,300 to clear main canal; \$6069 for wells and pipe lines on Evans Ranch south of Livingston and \$5000 to clear branch canals.

A FIRST AID CABINET
is a convenient way of keeping first aid essentials.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

App. 5789 (Madera Co.) Miller & Lux, Inc., San Francisco, 277 c. f. s. from San Joaquin river, for irrigation purposes on 22,170 acres; est. cost \$75,000.

App. 5790 (Madera Co.) Miller & Lux, Inc., San Francisco, 175 c. f. s. from San Joaquin river, for irrigation purposes on 14,238 acres; est. cost \$131,750.

App. 5792 (Modoc Co.) Red River Lumber Co., Westwood, 55 c. f. s. from Ash creek tributary to Pit river, for power purposes; 3435 T. H. P. to be developed. cost \$250,000.

App. 5793 (San Bernardino Co.) Horace M. Dobbins, Los Angeles, 0.25 c.f.s. from an unnamed branch of Lone Pine Canyon for irrigation and domestic purposes on 90 acres; est. cost \$2000.

App. 5795 (Modoc Co.) John P. Booth, San Jose, 30 c. f. s. and 5500 ac. ft. per annum from Mill creek and south fork Pitt river, for power purposes; 1085 T. H. P. to be developed.

App. 5797 (Kern Co.) Trona Railway Co., Trona, Cal., 01 c. f. s. from Searles Tunnel, for industrial and domestic purposes; est. cost \$11,269.

App. 5798 (Lake Co.) Mirabel Park Assn., Oakland, 3 c. f. s. from St. Helena, Grizzly and Plymouth creeks, for mining purposes; est. cost \$4000.

App. 5799 (Lake Co.) Mirabel Park Assn., Oakland, 3 c. f. s. and 200 ac. ft. from Bradford creek, for power purposes; 10 T. H. P. to be developed; est. cost \$15,000.

App. 5800 (Lake Co.) Mirabel Park Assn., Oakland, 20 c. f. s. and 200 ac. ft. per annum from Bradford creek, for domestic, irrigation and recreational purposes; est. cost \$5000.

App. 5803 (Calaveras Co.) Pioneer Chief Gold Mines Co., San Andreas, .625 c.f.s. from south fork Calaveras river, for mining purposes; est. cost \$2000.

App. 5805 (Los Angeles Co.) Joseph Reynier, Newhall, .25 c.f.s. from a spring known as Reynier Spring, for domestic purposes; est. cost \$2500.

App. 5807 (San Joaquin Co.) Woodbridge Irrigation Dist., Stockton, 500 c.f.s. from Mokelumne river, for irrigation purposes on 35,000 acres; est. cost \$325,000.

App. 5809 (Ventura Co.) Otto G. Wilhelm, Los Angeles, 0.5 c.f.s. from Santa Ana creek, for irrigation and domestic purposes on 170 acres. Est. cost \$38,000.

App. 5810 (Trinity Co.) Buckeye Placer Mines, Inc., Woodland, 15 c. f. s. from Buckeye creek, for hydraulic mining purposes; est. cost \$6000.

App. 5811 (Alameda Co.) The West Oakland Home, Oakland, 3 c.f.s. from Crow Canyon surface and underflow tributary to San Lorenzo creek, for domestic and recreational purposes. Est. cost \$2500.

App. 5812 (Lassen Co.) G. L. Kramer, Bieber, Cal., 6.75 c.f.s. and 350 a. f. from Widow Valley creek, for irrigation purposes on 540 acres; est. cost \$3000.

App. 5815 (San Luis Obispo Co.) Marland Oil Co., Los Angeles, .078 c. f. s. from Nachimiento river, for mining purposes for boiler plant drilling for crude petroleum oil and domestic use. Est. cost \$3200.

CALIFORNIA—Following is a partial list of Permits granted during the month of January, 1928, by State Department of Public Works, Division of Water Rights:

Permit 2943, (Tulare Co.) Issued to R. Linder, Tulare, for 0.035 c. f. s. from Nelson creek for domestic purposes; est. cost \$1250.

Permit 2945 (San Bernardino Co.) U. S. Forest Service, San Bernardino, for .11 c. f. s. from 2 unnamed springs and 2 wells for domestic purposes; est. cost \$30,000.

Permit 2948 (San Bernardino Co.) Isaac M. McAllister, Phelan, Cal., for 1.81 c. f. s. from Wild Horse Canyon for irrigation and domestic purposes or 145 acres; est. cost \$20,000.

Permit 2949 (Los Angeles Co.) Chas. A. Caldwell, Llano, Cal., for .007 c. f.

from unnamed spring for domestic purposes; est. cost \$1000.
 Permit 2552 (Riverside Co.) U. S. Forest Service, San Bernardino, for .016 c. s. from two unnamed springs for domestic purposes; est. cost \$1600.
 Permit 2553 (Lake Co.) Snow Mountain Water & Power Corp., San Francisco, for 400 c. f. s. and 214,813 acre ft. per annum from South Eel River, for power purposes, 21,681 T. H. P. to be developed; est. cost \$5,200,000.
 Permit 2554 (Lake Co.) Snow Mountain Water & Power Corp., San Francisco, for 4500 ac. ft. per annum from South Eel River, for irrigation of 4905.9 acres within Potter Valley Irrigation district; est. cost \$100,000.
 Permit 2557 (Tuolumne Co.) Emma Rose and Hobart Estate Co., San Francisco, 4656 ac. ft. per annum from Highland creek, for power purposes; 294 T. H. P. to be developed.

CALIFORNIA—Following is a partial list of Applications filed with State Department of Public Works, Division of Water Rights, for permits to appropriate waters:

Application 5788 (Fresno Co.) Miller Lux, Inc., San Francisco, 735 c. f. s. from San Joaquin river, for irrigation purposes on 53,796 acres; est. cost \$294,000.

WOODBIDGE, San Joaquin Co., Cal.—Woodbridge Irrigation District votes bonds of \$325,000 to finance purchase of canal system and water rights of Lockton and Mokeulume Canal Co. and finance necessary imps. and extensions.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 27, 10 A. M., bids will be rec. by Anna Sorensen, Secty., Turlock Irrigation District, under:
 Schedule 2—Consisting of approx. 4 conc. structures, involv. 10 cu. yds. conc.
 Schedule 3—Consisting of approx. 631 ft. 36-in. dia. conc. pipe.
 Cert. check 10% payable to dist. req. with bid. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

PITTSBURG, Contra Costa Co., Cal.—Estimates of cost for an electroliner system in Cumberland and Tenth sts., will be submitted shortly by City Manager by A. Watkins. George Oliver, city eng.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan completes spec. and proceedings will be started at once for electroliner system in north side of Weber from Pilgrim to El Dorado; south from Center to Hunter from San Joaquin to Pilgrim; both sides of Center from Hazelton to Weber; north side of Main bet. Commerce and Hunter and San Joaquin and Union; south side of Main bet. Commerce and Union; and both sides of El Dorado, Sutter, California, Grant, American, Stanislaus and Aurora bet. Main and Weber; west side of Hunter bet. Main and Weber; east side of San Joaquin bet. Main and Weber.

MACHINERY AND EQUIPMENT

SAN JOSE, Santa Clara Co., Cal.—County Clerk Henry A. Pfister will sell at public auction Feb. 20 one Dodge used commercial car, no longer required for county use. Further particulars obtainable from clerk.

OAKLAND, Cal.—Until Feb. 13, 5:30 p. m., bids will be received by G. B. Hegardt, secty., City Port Commission, 424 Oakland Bank Bldg., to fur. and del. our dock tractors. Cert. check 10 per cent req. with bid. Spec. obtainable on city eng. See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal.—County will sell at public auction Feb. 15, a 45-hp. tractor no longer required on county road system.

RAILROADS

PHOENIX, Ariz.—Claude Fisher, Chamber of Commerce Bldg., Los Angeles, at \$592,021.05 awarded cont. by city to rehabilitate municipal rlwy. system, involv. 18,568 ft. double track; 11,483 ft. single track; 2271 ft. of special work; 3755 ft. single tract, 52-lb. relay rail; 9292 ft. double track unpaved; 6116 ft. single tract unpaved; 11,248 ft. single track unpaved; and 52-lb. rail; 1197 ft. special work, 52-lb. relay rail; 1620 ft. special work, 70-lb. A. S. C. E. rail.

PITTSBURG, Contra Costa Co., Cal.—Western Pacific R. R. Co. will spend approx. \$130,000 for the extension of the Sacramento Short Line tracks in Eighth st. into the industrial area.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal.—City appropriates \$16,500 for purchase of fire apparatus including aerial truck. H. E. Cragg, city clerk.

UPLAND, Cal.—City will call election to vote bonds of \$100,000 to finance purchase of fire truck and equipment for fire department.

CORTE MADERA, Marin Co., Cal.—April 9 is date set for election to vote bonds of \$10,000 to finance purchase of fire equipment.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Pacific States Electric Co., 10th and Bryant sts., S. F., at \$1042 sub. low bid to city to fur. materials in connection with fire alarm system. Other bids: Fobes Supply Co., \$1045; Baker, Josslyn Co., \$1071; Graybar Electric Mfg. Co., \$1082; Progress Electric Co., \$1455.

C. R. Beatty at \$1445 lone bidder to install system, the city to furnish materials.

Universal Tool and Mfg. Co., at \$6028 low to furnish and construct all appliances. Other bids: Diamond Electric Co., \$7650; L. C. Bishop, \$12,676; Butte Elect. & Mfg. Co., \$14,121; Universal Tool & Mfg. Co., at \$3930 low to fur. and install 40 fire alarm boxes. L. C. Bishop only other bidder at \$4872.

Siracode Signal Corp. low at \$2450 to fur. and install electrical siren. Butte Elec. and Mfg. Co., only other bidder at \$3512.

All bids taken under advisement.

MISCELLANEOUS SUPPLIES

OAKLAND, Cal.—Until Feb. 13, 5:30 p. m., bids will be rec. by G. B. Hegardt, secty., City Port Commission, 424 Oakland Bank Bldg., to fur. and del. 12,000 ft. of submarine power cable for city dredge. Cert. check 10 per cent req. with bid. Spec. obtainable from secty. See call for bids under official proposal section in this issue.

RESERVOIRS AND DAMS

ARCADIA, Cal.—Until March 7, bids will be rec. by city to const. reservoir; 3,000,000-gal. capacity; 163 ft. dia., 21 ft. high; est. cost \$25,000. Plans obtainable from G. B. Watson, city eng.

SANTA ANA, Cal.—Until Feb. 20, 7:30 P. M., bids will be rec. by E. L. Vegely, city clerk, to const. reservoir at First and Flower Sts., reinf. conc. construction, timber and felt roof; 850,000 gals. capacity. Plans obtainable from Clyde L. Jenken, city eng., on deposit of \$5, returnable.

PIPE LINES, WELLS, ETC.

CALIFORNIA—Los Angeles capitalists are known to be considering the const. of a \$20,000,000 pipe line from Kern county to convey natural gas to San Joaquin Valley points and the San Francisco Bay region.

VENTURA, Cal.—Southern Counties Gas Co. is planning to expend \$60,000 for the construction of a trunk pipe line on Santa Clara St., from Spruce to its junction with Main St., east on Main to Pacific Ave., and north on Pacific to North Park St., and east on North Park St. to the city limits. Fred Merker, county manager.

LONG BEACH, Cal.—Application filed with U. S. Engineer Office, Los Angeles, for permit to install 4 steel gas mains and 2 steel water mains across Cerritos Channel, Long Beach Harbor.

SANTA CRUZ, Santa Cruz Co., Cal.—Coast Counties Gas & Electric Co., 175 Pacific Ave., Santa Cruz, will spend \$170,000 for additional gas service throughout its territory. Approx. \$90,000 will cover pipe lines to serve new areas.

MISCELLANEOUS CONSTRUCTION

REDWOOD CITY, San Mateo Co., Cal.—City will call election shortly to vote bonds to finance const. of underpass in El Camino Real; est. cost, \$16,000.

WATER WORKS

WESTLEY, Stanislaus Co., Cal.—West Stanislaus Irrigation District will shortly sell \$550,000 bond issue to finance first unit of proposed irrigation works which will supply water to 20,000 west side acres by pumping from San Joaquin river.

ARMONA, Kings Co., Cal.—Armona Public Utility District will ask bids shortly to const. water system, involv. 1180 ft. 8-in., 5970 ft. 6-in., 8730 ft. 4-in. c. l. pipe; 750 ft. 2-in. pipe; 27 fire hydrants, valves, fittings, etc. Tower or pressure tank. Bonds of \$26,000 voted to finance. John Benedict, engineer, Hanford.

INGLEWOOD, Cal.—Until 8 P. M., Feb. 20, bids will be rec. by city to fur.:
 Pumping Unit to be installed in the City's No. 13 Well, 18-in. diameter, consisting of one deep well turbine centrifugal pump of the enclosed line shaft type, having a capacity of 900 gallons per minute against a total head of 175 ft., when operating at a speed of 950 to 975 revolutions per minute. The pump shall be equipped with about 170-ft. shafting tube and discharge column, and 20-ft. suction pipe, with strainer not less than 5 ft. long. The pump shall also be equipped with service discharge pump head and shaft for a direct connection to a 440-volt motor.

One 440-Volt Electric Motor, of vertical type, three phase, constructed to operate at 950 to 975 revolutions per minute, equipped with hand starter and overload relay and no voltage releases; to conform to the standard requirements of the State Industrial Accident Commission. Bidder shall furnish characteristic sheets covering motors and pumps bid on, giving the weights, showing efficiencies at quarter, half, three-quarters and full loads.

Foundations will be built by the city at its own cost. Certified check or bond, 10%. Otto H. Duetke, city clerk.

STOCKTON, San Joaquin Co., Cal.—Sterling Pump Works, Stockton, at \$2807 sub. only bid to city to drill well, const. conc. floor slab and enclosure and switch-board and motor housing and fur. and install pumping plant and pressure tank at Yosemite Lake Park. Referred to City Eng. W. B. Hogan for report.

SAN DIEGO, Cal.—Until Feb. 16, 11 A. M., bids will be rec. by A. V. Goeddel, Supt. of City Purchasing Department, to fur. 400 ft. 2½-in. black pipe; 15,000 ft. ¾-in. black dipped pipe; 6800 ft. 2-in. galv. pipe. Further information obtainable from above.

BEVERLY HILLS, Cal.—Until Feb. 21, 8 P. M., bids will be rec. by B. J. Fliminger, city clerk, to fur. and install one deep well turbine pump with direct-connected motor. Spec. obtainable from Salisbury, Bradshaw & Taylor, consulting engineers, Petroleum Securities Bldg., Los Angeles, and on file in office of clerk.

IRAE, Cal.—Until Feb. 15, 7:30 P. M., bids will be rec. by Grace L. May, city clerk, to fur. 2500 ft. 6-in. c. i. B and S pipe, four 6x6-4-4 c. i. crosses; three 6x 6-4 c. i. tees. Cert. check 5% req. with bid. Spec. on file in office of clerk.

SAN FRANCISCO—Until Feb. 20, 11 A. M., under Proposal No. 351, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. fire hydrants for Fire Department. Specifications obtainable from above office.

OXNARD, Cal.—Election will be held April 9, to vote on several bond issues including \$20,000 for improvements to the department, and \$5000 for reconstruction of the city's outfall sewer.

CULVER CITY, Cal.—De Mille Studios, Culver City, will start work immediately on 100,000-gal. tank to connect with the tire hydrant system. The tank will be capable of delivering 750 G. P. M. Later a 340,000-gal. pool will be built to provide a pressure of 120 lbs. to the inch at each of the 29 fire hydrants on the studio property. The pool will be 80x100 ft. and will be provided with two pumping engines with a capacity of 1000 G. P. M.

ARCADIA, Cal.—Until Feb. 15, 8 P. M., bids will be rec. by G. G. Meade, city clerk, to fur. 1035 ft. 10-gauge 20-in. wrapped riveted steel pipe, double dipped. Cert. check 10% req. with bid. Spec. obtainable from clerk.

LIVINGSTON, Merced Co., Cal.—City will ask bids about Feb. 28, to const. water system imps., involv. 75,000 gal. capacity tank on 100 ft. tower, walls and pumps with complete distributing system; est. cost \$44,000.

MODESTO, Stanislaus Co., Cal.—Bids will be asked shortly by H. E. Gragg, city clerk, to fur. and del. Class 150 or Class B c. i. pipe, as follows: 2200 ft. 10-in., 2800 ft. 8-in., 2300 ft. 6-in., 400 ft. 4-in. pipe. Frank Rossi, city eng.

MILTON, Ore.—Until Feb. 20, 9:30 a. m., bids will be rec. by F. A. Fullerton, city manager, for approx. 4 mi. of 48-in. wood stave pipe, the staves to be 1 1/2-in. thick of creosoted Douglas fir or untreated redwood or cedar also for approx. 5000 ft. 48-in. steel pipe for use as siphons; also approx. 1250 ft. steel penstock and steel surge tank and wastewater. John H. Lewis, engineer, Portland, Ore. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Bids will be asked at once by City Port Commission, G. B. Hegardt, secy., 424 Oakland Bank Bldg., to fur. and del. cast iron pipe for municipal airport.

LOVELOCK, Nevada.—City will vote bonds for improvements to water system, involv. pipe line from city reservoir, 7 mi. northeast of Lovelock to city mains proper. Est. cost \$75,000.

REDWOOD CITY, San Mateo Co., Cal.—City clerk will ask bids at once to fur. and del. two carloads of 4-in. c. i. water pipe and fittings.

OAKLAND, Cal.—County Surveyor Geo. A. Possey preparing plans for additional water supply at Del Valle Farm. Geo. A. Gross, county clerk.

REDWOOD CITY, San Mateo Co., Cal.—Geo. C. DeGolyer, Bacon Bldg., Oakland, at \$33,640 sub. low bid to county to const. c. i. domestic water supply system for East Palo Alto Water Works District, involv. 2, 4, 6 and 8-in. pipe, gate valves, fittings, etc. Other bids: E. W. Redman, Fresno, \$34,943; Prentiss Paving Co., \$36,939; Hanrahan Co., \$39,514; C. B. Cowden, \$40,483; R. L. Oakley, \$42,655. For riveted steel pipe, Jas. Currie, Burlingame, low at \$87,438. For De Lavaud c. i. pipe, Currie low at \$33,186; also low for McWane c. i. pipe, at \$34,112, and for Mono c. i. pipe at \$36,495. E. W. Redman, Fresno, low at \$22,579 for Matheson. Joint steel pipe. Bids taken under advisement.

PLAYGROUNDS AND PARKS

SANTA BARBARA, Cal.—City council plans imp. of ocean front by creating a park in the present bird refuge, which would be dredged, filled, and landscaped to form a park around the lake similar to Westlake Park, Los Angeles. An island will be built in the center. Dwight Murphy is chairman of the park commission.

BAKERSFIELD, Kern Co., Cal.—City has appropriated \$1700 as initial expenditure for the establishment of a municipal shooting park; will be located on 23-acre site of Oak Park. Concrete trap house, cement walks and ranges will be included in the specifications.

RICHMOND, Contra Costa Co., Cal.—Until Feb. 14, bids will be received by A. C. Faris, city clerk, to improve Washington Park and Playground near Washington School. Project involves 600 cu. yds. dirt and rock excavation; 1600 cu. yds. loam or earth fill for parking and lawn areas, as well as material for paths and for recreational center coverings. Plans obtainable from City Eng. Ed. Hoffman.

EUREKA, Humboldt Co., Cal.—Eureka Woman's Club will install playground equipment in Sequoia Park costing \$1245. Installation will comprise a four board teeter outfit, a merry turn-table, ocean wave, coaster slide, flying revolving ball-bearing swing, stationary circular travel rings, kindergarten chair swings and a whirl-over swing.

SEWERS AND STREET WORK

SANTA BARBARA, Cal.—Until Feb. 16, 2 P. M., bids will be rec. by E. B. Brown, city eng., to imp. portion of Cabrillo Blvd. and Booth Point Rd., bet. Alisos Creek and Coast Highway, involv. cem. conc. pave. with asph. conc. surface. Estimated quantities are: 8130 cu. yds. unclassified embankment, (1030 cu. yds. excavation, 7100 cu. yds. imported borrow); 145 cu. yds. structure excavation; 8345 sq. yds. preparing and shaping subgrade; 19,000 sq. yds. asphalt paint binder; 1182 cu. yds. Class "A" Portland cement concrete (pave.); 58 cu. yds. Class "A" Portland cement concrete (structure); 12 cu. yds. Class "A" Portland cement concrete (curb); 6.3 cu. yds. Class "E" Portland cement concrete (structure); 6.3 cu. yds. Class "E" Portland cement concrete (structure); 5084 tons asphalt concrete; 4774 lbs. bar steel (structure); 4178 lbs. bar steel (pav.); 233 lin. ft. 15-inch concrete drain pipe; 58 lin. ft. 24-inch concrete drain pipe; 280 lin. ft. wood piles; 39 cu. yds. removing concrete; 107.0 lin. ft. removing hand rail; 160 sq. yds. removing asphalt surface; 2000 tons broken stone (bituminous macadam); 10 tons bituminous binder (bituminous macadam). Cert. check 10% req. with bid. Spec. obtainable from eng.

NAPA, Napa Co., Cal.—Ray Errington, Napa, at \$1103 awarded cont. by county to const. conc. pavement and railing on Oak Knoll Ave., approx. 6 mi. north of Napa. Other bids: Frank Gaggero, \$1181; Simon Lenz & Son, \$1199; Harry Thorsen, \$1223; C. H. Gildersleeve, \$1207.

SAN FRANCISCO—Until Feb. 15, 3 P. M., bids will be rec. by Board of Pub. Wks. to const. Fillmore Street Main Sewer, under Contract No. 1, Section A; in 10th St., bet. Harrison and Division Sts.; est. cost, \$65,000. Project involves: 1177 lin. ft. 6-ft. 9-in. circular reinf. conc. sewer; 550 lin. ft. 8-in. and 627 lin. ft. 12-in. vit. pipe underdrain; 5 br. or conc. manholes; 1 reinf. conc. taper connection; 13,900 lin. ft. piles below cutoff (to be furnished and driven). Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy urges bond issue for \$5,000,000 to finance rebuilding of sewers in all sections of the city. Immediate const. of the Fillmore street storm sewer is urged at a cost of approx. \$750,000.

ALAMEDA, Alameda Co., Cal.—City Mgr. Clifton E. Hickok recommends widening and imp. of Webster St. from Estuary to Eagle Ave.; est. cost, \$60,000.

CHICO, Butte Co., Cal.—Surveys being completed by city eng. for san. sewer system and estimates of cost will be submitted to city council shortly. M. C. Polk, consulting engineer, Chico.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to const. Section B of the Alvarado Blvd. Will be 100 ft. wide rdwy. with 1 1/2 ft. sidewalks. Est. cost, \$165,000.

OXNARD, Cal.—Election will be held April 9, to vote on several bond issues including \$20,000 for improvements to the municipal water system, \$12,000 for fire department, and \$5000 for reconstruction of the city's outfall sewer.

LIVERMORE, Alameda Co., Cal.—City Eng. L. E. Wright preparing spec. for extensions to sewer system in southwest section of city.

SACRAMENTO, Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, at \$81,261 awarded cont. by city to imp. Land Park Dr., bet. Y St. and Swanton Park Unit No. 2; 2nd Ave., bet. Land Park Dr. and 378 ft. east; etc. conc. curb and gutter; conc. walk; c. i. drains; reset drains; conc. manholes; grade; asph. conc. pave with seal coat; ornam. St. lighting system.

OAKLAND, Cal.—Until Feb. 16, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Laird Ave., involv. grade; curbs; pave 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

CALISTOGA, Napa Co., Cal.—Until Feb. 17, 1 P. M., bids will be rec. by J. G. Finch, town clerk, to const. san. sewer from lower end of sewer farm along right-of-way of San Francisco Napa and Calistoga Rlwy. a distance of 1480 ft. Concrete pipe. Plans on file in office of clerk.

SAN FRANCISCO—Schultz Construction Co., 46 Kearny St., at \$27,899.50 sub. low bid to Bd. Pub. Wks. to imp. Holladay Ave., bet. Peralta Ave. and Adams St. Next four low were: Chas. L. Harney, \$28,984; Macdonald & Maggorie, \$29,157; T. M. Gallagher, \$31,401; Federa Construction Co., \$34,804.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Reptired
Industrial Light and Power Installation
Telephone SUTTER 3266

LIVINGSTON, Merced Co., Cal.—Bids will be asked about Feb. 28 by city to install sewerage systems, will comprise unit, city system, main and disposal at 1 mi. north of the city and a mile east of river bridge; eng. est. \$80,000.

EUREKA, Humboldt Co., Cal.—City declares inten. (222) to imp. portions of Third, G, Fifth Sts., etc., involv. grade; 3½-in. asph. conc. base, 1½-in. Warrenite-Bit. surface pave; vit. pipe house sewers; conc. manholes; conc. curbs; c. i. and conc. culverts; corr. on pipe and cem. conc. storm sewers, c. 1911 Act. Protests Feb. 21. A. Walter Kildale, city clerk.

LOS ANGELES, Cal.—Until Feb. 27, P. M., bids will be rec. by county to const. sewer system complete in Co. pp. 651, Magnolia Park, (Long Beach lvd., bet. Tweedy Rd. and Southern vey., etc.), involv. 8.65 ml. D & W St. sewers; est. cost \$218,524. Plans on file in office of county clerk.

PALO ALTO, Santa Clara Co., Cal.—City requests State Railroad Commission to rescind order, continued from 1913, for a subway at the Palo Alto-Alma st. crossing of the S. P. tracks and an order for a grade crossing at that point be substituted.

SACRAMENTO, Cal.—City petitioned to pave alley bet. 29th, 30th, I and J sts. referred to City Eng. A. J. Wagner.

BAKERSFIELD, Kern Co., Cal.—City eng. W. D. Clarke completes spec. for curbs and walks in east side of Union vey., bet. Kentucky and Lincoln sts.

SAN ANSELMO, Marin Co., Cal.—Town trustees will start proceedings at once for grading, curbs, gutters, sewers and pavement in City Hall ave. and Liberty l., for their entire length.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Byxbee Jr., is preparing spec. for 11 mi. of sidewalks in various sections of city. Will be done under 1911 act.

SONOMA COUNTY, Cal.—Until Feb. 9, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface 1½ mi. at Sonoma Creek Bridge ½ mi. south of Schellville. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

POMONA, Cal.—Until 12 M., Feb. 21, bids will be rec. to const. 8-in. vitrified sanitary sewer in Commercial St., bet. Cowne Ave. and Commercial St., and portions of other streets, under 1911 Act. The quantities involved are: 2580.60 ft. 8-in. vit. sewer; 195 ft. 4-in. vit. sewer; 2 8x4-in. vitrified clay pipe wyes; 2 8-in. double vit. wyes; 1 14-in. vit. ¼-in. ends; 316 ft. ½-in. galvanized iron pipe; 3 standard manholes; 3 standard flush tanks. Work to be done under 1911 Act. R. Trotter, city clerk. F. C. Froehde, city engineer.

CULVER CITY, Cal.—Braun, Bryant & Austin, 6244 Washington Blvd., awarded cont. at \$64,781.64 for grade, Vibration conc. paving, special curb, head-vall, curb, storm drains and other work in Venice Blvd., bet. Overland and Bledloe Aves., A. & I. D. No. 2.

SAN DIEGO, Cal.—H. H. Peterson, 1711 Atlantic St., sub. low bid to city at \$43,193.55 to imp. Whittier St., Rosecrans St., 33th Lane, Westcliff Pl. and Willow St., involv. 4468.8 cu. yds. excavation; 1727.2 cu. yds. embankment, 59,191 sq. ft. paving with 6-in. cem. concr., 11,400 sq. ft. c. c. sidewalk, 3559.6 lin. ft. c. c. curb, 41 4-in. concr. sewer laterals, 125 ft. 6-in. concr. sewer main, 1155 ft. 8-in. concr. sewer main, 2 fire hydrants, 9 manholes, 2 deadends, 1440 ft. 1-in. class C. I. pipe, 580 ft. 4-in. class C. I. pipe, 41 water services, etc.

SAN FRANCISCO—Board of Public Works will shortly ask bids to const. first section of Bay Shore Highway, involv. pave and storm sewers; est. cost, \$285,000. M. M. O'Shaughnessy, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until March 5, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. Fowler Rd. in Supervisor Dist. No. 2. Plans on file in office of clerk. H. Chandler, county surveyor.

FRESNO, Fresno Co., Cal.—City declares inten. (72-D) to imp. Los Angeles Ave., bet. Broadway and N Sts., and portions of Butler Ave., Cherry Ave., etc., involv. grade and resgrade; cem. conc. curbs, gutters, driveway approaches and walks; corr. metal culverts; conc. culverts; manholes; 4-in. asph. conc. pave. with 1½-in. Warrenite-Bit. surface, 1911 Act. Protests Feb. 23. H. S. Foster, city clerk. A. M. Jensen, city eng.

IMPERIAL COUNTY, Cal.—As previously reported, bids will be rec. Feb. 29, 2 p. m., by State Highway Comm. to widen and surface with asph. conc. 7.2 miles in Imperial county, bet. Seeley and El Centro. Project involves: 38,700 cu. yds. rdwy embankment without classification; 900,000 sta. yds. overhaul; 1609 cu. yds. struct. excav. without classification; 80 cu. yds. class A cem. conc. struct; 34 cu. yds. class C cem. conc. retaining walls; 7500 lbs. bar reinf. steel in place (struct); 21,500 tons asph. conc. base and type A surr.; 62,000 sq. yds. asph. paint binder; 3600 tons rock borders; 2134 lin. ft. 12-in., 860 lin. ft. 18-in., 24 lin. ft. 14-in. and 82 lin. ft. 48-in. corr. metal pipe; 50 cu. yds. removing and disposing of cem. conc. in existing pave. and struct; 4 moving and reset conc. headwalls; 1.2 mi. moving and reset prop. fences; 12 mi. new property fence. State will fur. corr. metal pipe and cast iron frames and covers for drop inlets.

SAN FRANCISCO—Board of Supervisors appropriates \$40,333 to finance reconstr. of 7th St., bet. Mission and Branan; complete pavement of Market street extension and imp. of Jerrold Ave.

SONOMA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. Feb. 29, 2 p. m., to grade and surface with crushed gravel or stone 0.7 mi. at Sonoma Creek bridge, one-half mile south of Schellville. Project involves: 2000 cu. yds. rdwy. excav. without classification; 9000 cu. yds. excav. without classification, imp. borrow; 2040 sta. yds. overhaul, rdwy. excav; 8215 mi. yds. haul, imp. borrow; 410 cu. yds. struc. excav. without classification; 2850 tons stand. rd. surf. crushed gravel or stone; 370 bbls. fur. medium grade fuel oil; 1500 tons mixing oil treated surf; 75 cu. yds. class A cem. conc., struct; 6300 lbs. bar reinf. steel in place (struct); 48 lin. ft. 18-in. corr. metal pipe; 550 lin. ft. solid guard rail; 150 tons light riprap; 18 monuments. State will furnish corr. metal pipe.

EL DORADO COUNTY, Cal.—Until Feb. 20, 2 p. m., bids will be rec. by F. W. Hazelwood, district engineer, State Highway Commission, 407 Highway Bldg., Sacramento, to grade 0.49 mi. in El Dorado county bet. Shingle Springs and El Dorado. See call for bids under official proposal section in this issue.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese preparing spec. to pave Grand Ave. extension from Chestnut St. to Mission Rd. Other sts. to be imp. include: Railroad Ave. from Magnolia to Orange; Orange Ave. from Railroad to Commercial; Commercial Ave. from Orange to Eucalyptus; Eucalyptus from Baden to Commercial; Chestnut Ave. from Grand to Baden.

IMPERIAL COUNTY, Cal.—Until Feb. 29, 2 P. M., bids will be rec. by State Highway Comm. to widen and surface with asph. conc. 7.2 mi. bet. Seeley and El Centro. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

CORCORAN, Kings Co., Cal.—The California Road & Street Improvement Co., Bank of Italy Bldg., Fresno, at \$40,290.66 submitted low bid and was awarded contract by Jas. C. Condon, City Clerk, (41-C) to imp. Whitley Ave., bet. Van Dorsen Ave. and Letts Ave., involv. 164,000 sq. ft. grading; 164,000 sq. ft. 3½-in. asph. base, 1½-in. Warrenite-Bit. surface; cem. conc. curbs, gutters, walks and driveway approaches; corr. metal culverts. The only other bid was submitted by the Valley Paving Co. of Visalia at \$48,387.01.

ATHERTON, San Mateo Co., Cal.—W. A. Dontanville, Salinas, at \$16,500 awarded cont. by town trustees to imp. portions of Tuscaloosa Ave., involv. 2800 cu. yds. grading; 127,000 sq. ft. waterbound macadam pave with oil and screenings surface; 160 ft. 12-in. corr. culverts; 12,500 ft. 2x6-in. headers.

SAN JOSE, Santa Clara Co., Cal.—Geo. C. DeGolyer, Federal Telegraph Bldg., Oakland, awarded cont. by city to imp. Myrtle St., from manhole in Newton St. to manhole in Morris St., involv. 6-in. vit. san. sewer; br. manholes; vit. house sewers and portions of Hamlin St., involv. vit. sewers; br. manholes; vit. side sewers.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke preparing spec. to pave 15 blocks of 24th St., bet. H and Oak Sts.; 1½-in. patented surface with 3½-in. or 4-in. asph. conc. base.

REDWOOD CITY, San Mateo Co., Cal.—City declares inten. (10) to imp. portions of Chadbourn Ave., etc., involv. vit. sewers; br. manholes; conc. sump with reinf. conc. pump house 10 by 10 ft., with corr. iron roof; wood trestle; pump with 8-in. suction and 8-in. discharge. 1911 Act. Protests Feb. 20. Elizabeth M. Kneese, county clerk. Geo. A. Kneese, county surveyor.

SAN DIEGO COUNTY, Cal.—As previously reported, bids will be rec. Feb. 23, by State Highway Comm. to grade 2.0 mi. in San Diego county bet. 3 mi. s. e. of Pine Valley and Buckman Springs. Project involves: 44,000 cu. yds. rdwy. excav. without classification; 200,000 sta. yds. overhaul; 1200 cu. yds. struc. excav. without classification; 276 cu. yds. "A" cem. conc. struct; 8 cu. yds. "E" cem. conc. railing; 35,800 lbs. bar reinf. steel in place (struct); 450 lin. ft. 18", 260 lin. ft. 24" and 75 lin. ft. 30" corr. metal pipe; 9 each. moving and reset conc. headwalls; 2 mi moving and reset prop. fences; 8 cu. yds. removing and disposing of cem. conc. in existing bridge; 70 monuments moved and reset complete in place. State will furnish corr. metal pipe and cast iron frames and covers for drop inlets.

GUSTINE, Merced Co., Cal.—City votes bonds of \$10,000 to finance const. of extensions to sewer system.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1835

SAN FRANCISCO

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Room 107 Highway Building, Sacramento, California, until 2:00 P. M., on February 20, 1928, at which time they will be publicly opened and read, for performing work as follows:

El Dorado County, between Shingle Springs and El Dorado (III-ED-11-B) about forty-nine hundredths (0.49) mile to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the order to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
R. M. MORTON,
State Highway Engineer.
F. W. HASELWOOD,
District Engineer, Dist. III.
Dated: January 31, 1928.

NOTICE TO CONTRACTORS

(Hawthorne School Assembly—Oakland Calif.)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 21st day of February, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Hawthorne School Assembly of the Oakland School District, to be erected on the northeast corner of E. 17th Street and Twenty-eighth Avenue. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office heretofore mentioned. Plans taken out by bidders on or before February 21, 1928, shall be returned on or before February 22, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

less than ten (10%) per cent of the amount bid, provided, however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 21st day of February, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGE-MOND,
Secretary of the Board of Education of Oakland, California.

37

NOTICE—BIDS FOR DOCK TRACTORS

The Board of Port Commissioners of the City of Oakland, at its office, 424 Oakland Bank Building, will receive sealed bids on Monday, February 13, 1928, between the hours of 4:30 and 5:30 P. M., for the furnishing and delivering of four (4) Dock Tractors. Specifications and blank form of proposal will be furnished by the Secretary of the Board on application. Certified check in the amount of 10% of the total amount of the bid shall accompany the bid. Bond in full amount of the contract to be given by successful bidder. Contract to be entered into within 7 calendar days after award. Delivery of the tractors to be completed within 30 calendar days from date of Auditor's approval of contract. The Board reserves the right to reject any and all bids.

G. B. HEGARDT,
Secretary, Board of Port Commissioners.

NOTICE TO BIDDERS

(Calaveras Union High School District—Furniture and Equipment)

Notice is hereby given that the Board of Trustees of the Calaveras Union High School District, San Andreas, California, hereby invites sealed bids or proposals to be received up to the hour of 2 o'clock P. M. on the 24th day of February, 1928, at the office of the County Superintendent of Schools of Calaveras County, for the furnishing of Furniture and General Equipment for the buildings of the above named District, all as listed and described in specifications made for the

same by Mayo, Bissell & Co., Architects. Specifications and lists may be obtained at the office of Mayo, Bissell & Co., Architects, 421 Miner Ave., Stockton, or at the office of the President of the above named District in San Andreas.

Each bid must be accompanied by a certified check on some responsible California bank payable to Frank A. Meyer, President of the Board of Trustees, in a sum not less than 10 per cent of Bid A, as a guarantee that a contract will be signed within ten (10) days after date of opening bids and approved surety bond furnished as required by law.

Each bid must be delivered in a sealed envelope and addressed to the Board of Trustees and endorsed, "Proposal for Furniture and General Equipment," and must be in the hands of the President of the Board on or before the above mentioned hour and date. Ample time will be afforded the bidders by the board or its authorized representatives for the inspection of any samples or pictures of equipment submitted in connection with proposals. The Board will give due consideration to alternate proposals submitted by bidders.

The Board reserves the right to reject any and all bids, and to waive informalities in presentation of proposals.

By order of the Board of Trustees of said District.

Dated February 3, 1928.

FRANK A. MEYER,
President.

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, March 6, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the President's Home and Garage and Dining Hall Addition, California Polytechnic School, San Luis Obispo, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The President's Home is a two-story frame building with stucco exterior and tile roof. The Garage is a frame building with stucco exterior and composition roof. The Dining Hall Addition is a one-story frame addition to an existing building with stucco exterior and shingle roof. Plumbing, Heating and Electrical work is included.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for President's Home and Garage and Dining Hall Addition, California Polytechnic School, San Luis Obispo, California." STATE DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

GEO. B. McDOUGALL,
State Architect.
B. B. MEEK,
Director of Public Works.

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS and BRANCHISTS

ARTHUR PRIDDLE, A. I. C. S.

603 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

NOTICE — BIDS FOR SUBMARINE POWER CABLE

The Board of Port Commissioners of the City of Oakland, at its office, 424 Oakland Bank Building, will receive sealed bids on Monday, February 13, 1928, between the hours of 4:30 and 5:30 P. M., for furnishing and delivering 12,000 feet of Submarine Power Cable for the city dredge. Specifications and blank form of proposal will be furnished by the Secretary of the Board. Certified check for the amount of 10% of the bid to accompany the bid. Bond in full amount of contract price for faithful performance of contract to be given by successful bidder. Contract to be entered into within 13 calendar days after award. Work to be commenced within 3 calendar days after date of Auditor's approval and to be completed within 90 calendar days thereafter. The Board reserves the right to reject any and all bids.

G. B. HEGARDT,
Secretary, Board of Port Commissioners.

**NOTICE TO CONTRACTORS
MECHANICAL WORK**

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, March 6, 1928, and bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the section and completion of the Mechanical Work, Science Building, Fresno State Teachers' College, Fresno, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Dept. of Public Works, Forum Building, Sacramento, California.

Mechanical Work includes Plumbing, Heating and Electrical Work. Separate bids will be received for "Electrical Work" and for "Plumbing and Heating." Combined bids will also be received covering all three branches of the work. Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Mechanical Work, Science Building, Fresno State Teachers' College, Fresno, California."

STATE DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
GEO. B. McDOUGALL, State Architect
B. B. MEEK, Director of Public Works

**NOTICE TO CONTRACTORS
GENERAL WORK**

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, March 6, 1928, and bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the section and completion of the General Work, Science Building, Fresno State Teachers' College, Fresno, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Dept. of Public Works, Forum Building, Sacramento, California.

The Science Building will be a two-story brick building with reinforced concrete foundations and floor slabs, tile roof and tile interior partitions

General Work will include all manner of work except Plumbing, Heating and Electrical Work. Bids must be submitted in proposal forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Science Building, Fresno State Teachers' College, Fresno, California."

STATE DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
GEO. B. McDOUGALL, State Architect
B. B. MEEK, Director of Public Works

NOTICE TO BIDDERS

(Refrigerating System — Mare Island Navy Yard)

Sealed bids, indorsed "Bids for Refrigerating Equipment, Specification No. 5523, will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., February 29, 1928, and then and there publicly opened for motor driven compressor, motor driven brine pump, motor for existing agitator, automatic thermostatic control equipment, switchboard, wiring and piping to complete refrigerating system at the Marine Barracks, Navy Yard, Mare Island, Calif. Specification No. 5523 and accompanying drawings may be obtained on application to the bureau or to the commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of Bureau, Jan. 23, 1928.

NOTICE TO BIDDERS

Construction Work For Improvement District No. 7, in the Turlock Irrigation District, Turlock, California.

Notice is hereby given that sealed proposals for the doing of the work described in the schedules hereinafter set forth will be received by the Board of Directors of the Turlock Irrigation District acting for Improvement District No. 7, at its office in the City of Turlock, State of California, at any time up to 10:00 o'clock A. M. of Monday, February 27th, 1928, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work as indicated in the schedules below as a whole, to the lowest responsible bidder or bidders, but said Board reserves the right to reject any or all bids and re-advertise for proposals or proceed to construct the work under their own superintendence.

The work for which proposals are hereby invited is divided into 2 schedules, as follows:

SCHEDULE NO. 2.—Consisting of approximately 4 concrete structures, a total of 10 cubic yards of concrete.

SCHEDULE NO. 3.—Consisting of approximately 651 lineal feet of 36" diameter concrete pipe.

Said work is more particularly described in the plans and specifications therefor, which may be seen at said office of said District.

A bidder to whom a contract for doing said work may be awarded must furnish bonds as required by law, to wit: A bond in the sum of at least one-half of the estimated contract price to secure the payment of the claims of material men, mechanics, and laborers, and a bond in the sum of at least one-fourth of the estimated contract price conditioned

upon the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or a certified check made payable to the Turlock Irrigation District, for an amount equal to at least five percent of the amount of the bid as guaranty that if the bid is accepted, the bidder will, within five days after notice of its acceptance enter into a contract with the District in the form attached to said specifications and furnish the bonds aforesaid.

The quantities given in the aforesaid schedules are approximations only but will be used in computing the amounts of the deposit and the bonds hereinbefore required.

The contractor will be paid for the work bid, with warrants issued by the Directors of the Turlock Irrigation District as provided in Senate Bill No. 5, "An Act to provide for the organization and creation of improvement districts within irrigation districts organized under the 'California Irrigation District Act'; to provide for the construction of improvements therein, and for the levy of assessments on the lands of such improvement districts." (Approved by the Governor May 25, 1927.)

Bids must be on the proposal forms attached to the specifications and must be in sealed envelopes addressed to the Board of Directors of the Turlock Irrigation District, and marked to indicate that each is a proposal for the doing of said work.

Dated at Turlock, California, January 30th, 1928.

By order of said Board of Directors.
ANNA SORESENSEN
Secretary of Board of Directors of Turlock Irrigation District.

**STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS**

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on February 29, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, as follows:

Sonoma County, at Sonoma Creek bridge, one-half mile south of Schellville (IV-Son-8-A,B), about seven-tenths (0.7) mile in length, to be graded and surfaced with crushed gravel or stone.

Imperial County, between Seelye and El Centro (VIII-Imp-12-C), about seven and two-tenths (7.2) miles in length, to be widened and surfaced with asphalt concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and may be seen at the office of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineer's offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Elkhart.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
R. M. MORTON,
State Highway Engineer.
Dated: February 1, 1928.

NOTICE TO BIDDERS

(Furnishings—Nevada State Hospital)

Notice is hereby given that the Board of Commissioners for the Care of the Indigent Insane will receive bids at its office in Carson City, for furnishing of the New Ward Building, Nevada Hospital for Mental Diseases, at Reno, Nevada, said bids to be opened at the hour of two o'clock, Monday, February 27, 1928.

All bids shall be accompanied by a certified check for not less than ten per cent of the total amount of bid as a guarantee of good faith. Checks of unsuccessful bidders will be returned when contract is awarded. Check of successful bidder will be returned on fulfillment of contract to satisfaction of board.

Lists of furnishings and specifications are on file at the office of the Superintendent of the Nevada State Hospital for Mental Diseases, near Reno, Nevada, and at the office of the State Treasurer at Carson City, Nevada.

Furnishings are divided into two distinct lists and bidders may offer proposals on one or both lists.

The Board reserves the right to reject any and all bids.

Bids must be sealed in an opaque envelope and addressed to the Secretary of the Board and plainly marked, "Bid for Furnishing of New Ward Building."

A. A. ARMSTRONG,
Secretary of Board
Carson City, Nevada, February 3, 1928.

NOTICE TO BIDDERS

(Redwood City Grammar School District Chairs)

Pursuant to an order of the Board of Trustees of the Redwood City Grammar School District, County of San Mateo, State of California, notice is hereby given that the said Board will receive sealed bids for the following furniture to be installed in the Auditorium of the new McKinley School.

600 (more or less according to approved plan) Heywood Wakefield Opera Chairs number 432 or approved equal. Backs and seats are to be 5 ply $\frac{1}{8}$ inch thick. End Standards to be Cast Iron and Centers of Pressed Steel. Seat Hinges to be of the Rocker Roller Type or approved equal. Chairs are to be equipped with Number Plates and Hat Wires and chairs installed complete on wood floor. Time for Delivery must be specified.

All bids must be in the hands of the Clerk of the Board on or before 8 P. M. of February 23rd, 1928, at the office of the Central School Redwood City, at which time and place they will be opened.

A certified check, made payable to the Clerk of the Board, in an amount equal to at least 10% of the total amount of the bid submitted must accompany each proposal.

The Board reserves the right to reject any or all bids received.

Dated at Redwood City, California, January 31, 1928.

(Signed) HENRY STEINBERGER,
Clerk of the Board of Trustees of the Redwood City Grammar School.

NOTICE TO CONTRACTORS

(Schools—Fresno)

Pursuant to an order of the Board of Education of the City of Fresno School District, County of Fresno, California, duly made and entered in its minutes this 1st day of February, 1928, public notice is hereby given that the said board will receive up to 5 o'clock p. m. on the 23rd day of February, 1928, at the office of said board in the Hawthorne School Building, 2125 Fresno St., Fresno, Cal., sealed proposals for the construction of the following schools:

Benjamin Franklin Elementary school.

Morris E. Bailey Elementary school.

John C. Fremont Elementary school.

as per plans and specifications prepared by Shields, Fisher & Lake, Pacific Southwest Bldg., Fresno, Cal.

Bids will be received for general contract A-1 to A-11 on each building and the balance segregated as per building form No. 2.

Contractors may bid on the three buildings in a lump sum under the above mentioned segregations.

Reference is hereby made to "General Information to Bidders" building form No. 6 for further particulars regarding all bids.

Plans and specifications together with forms for submitting all bids and further details regarding any and all bids may be obtained from the undersigned secretary of the said board at the office of the said board above designated.

A bidder's surety bond or certified check equal to at least 10 per cent of the amount of the bid submitted, must accompany all proposals.

The board reserves the right to reject any and all bids.

By order BOARD OF EDUCATION,
City of Fresno School District.
L. L. Smith, Secretary

NOTICE TO CONTRACTORS

(Finish Hardware—Kern General Hospital)

Notice is hereby given that sealed bids will be received by the Board of Supervisors, County of Kern, Bakersfield, California, up to 11 o'clock A. M., February 20, 1928, for furnishing of finish hardware for the addition to the Kern General Hospital, Bakersfield, California, in accordance with the plans and specifications prepared by and under the supervision of Charles H. Bliggar, Architect, Bakersfield, California.

Plans and specifications for same may be obtained at the office of the Architect upon deposit of Twenty Dollars, which will be returned upon receipts of the said plans and specifications in good order at the time designated by the Architect.

A certified check or bidder's bond in the amount of ten per cent of amount bid is to be to the order of the Clerk of the Board of Supervisors as evidence of good faith, and that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient surety bonds with an approved surety company, therefor.

Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted January 23rd, 1928.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

(Hydrotherapeutic Equipment — Mare Island Navy Yard)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals in the near future on specification No. 5556, "Hydrotherapeutic Equipment, Navy Yard (Hospital), Mare Island, California." The work includes furnishing and installing hydrothera-

peutic equipment all complete and ready for use.

Any firms to whom this work is of interest should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, California, a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded to them as soon as available.

Prospective bidders on the West Coast should make application for the bidding data to the Navy Yard, Mare Island, California.

BUILDING ACCIDENTS INCREASING, BUILDING CONGRESS TOLD

James A. Hamilton, Industrial Commissioner, state of New York, told the members of the New York Building Congress at its monthly luncheon meeting in New York that accidents in the building industry during the last four years increased in number, while in manufacturing they have been in general decreasing.

"It is high time that the building industry was tackled in a systematic and thoroughgoing way as to accident prevention, as has been true of manufacturing industries for a considerable period of time," he said. "When the problem is taken up in that way, there is every reason to believe it is only a question of sufficiently extended effort of that kind to produce very important results, such as have been brought about actually in the iron and steel industry."

BOOK AID TO HOME CARPENTER

Containing many helpful suggestions for the benefit of the home carpenter is a booklet entitled "A Few Boards—A Little Work—Big Results," which has just been published by the Trade Extension Department of the National Lumber Manufacturers' Association, Washington, D. C. The booklet, through the courtesy of the publishers of The American Lumberman, was adapted from a story which appeared in that publication. While it was designed particularly for Mrs. Marlon Teal, field worker, to use in her talks on farm home improvement, it is adapted to general distribution and will be available in quantities to retailers at nominal prices.

SUBSCRIPTION BLANK

Mail Today

To the publisher of the
BUILDING AND ENGINEERING NEWS
547 Mission Street, San Francisco, Calif.

192.....

We hereby subscribe for the "Building and Engineering News" for years as per X mark of subscription rate.

Signed

Street and No.

City

State

Please enclose check or money order with subscription.

Subscription Rates—Payable in Advance

6 months\$3.00 1 year.....\$5.00 2 years.....\$8.00

We also publish the DAILY PACIFIC BUILDER

\$1.25 per month — \$12.00 per year

LARSEN'S ADVANCE CONSTRUCTION REPORTS—Prices on Application
BUILDING LAWS OF SAN FRANCISCO

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

Owner	Contractor	Amt.
Cox	Owner	40000
Low	Owner	4000
Peterson	Owner	4000
Stone	Kolsberg	4000
Rutherford	Owner	12750
Carraro	Owner	3000
Excelsior	Pasqualetti	40000
Hogrefe	Owner	75000
Hechter	Owner	85000
Johnson	Owner	4500
Lepra	Carraro	3000
Montgomery	Owner	3500
McKinley	Cuthbertson	1000
Real Estate	Wagner	1000
St. Marys	Johnson	4000
Stevens	Owner	8000
Wagstaff	Pacific	5000
Boin	Owner	8000
Dempniak	Owner	75099
Posters	Owner	2840
Market	Jenkins	3000
Reynolds	Owner	5000
Salvatore	Blanchini	1800
Strand	Owner	25000
Sheehan	Owner	12000
Bennett	Owner	5000
Cohn	Mullen	2800
Kronquist	Owner	24000
Klein	Moore	4300
Kronquist	Owner	4000
Yoback	Michel	3000
Edelman	Mowat	5000
Ohlsen	Owner	4000
Ragge	Owner	7000
Rector	Lawton	2200
Starkweather	Mullen	6500
Van Ness	Owner	1300
Craemer	Cobby	1000
Hinkel	Owner	4000
Lutz	Owner	8000
Standard	Owner	8000
Sharman	Owner	12000
Simons	Owner	22000
Western	MacDonald	2500
Boitano	Owner	24000
Dominiconi	De Luca	4000
Devincenzi	Owner	3000
Franceschi	Owner	16000
Keenan	Owner	125000
Lennon	Swanson	5000
Parkside	Owner	5000
Roewell	Byrne	3000
Stoneson	Owner	10000

APARTMENTS

(2) N HAYES 126-6 and 164 W Scott. Two three-story and basement frame apartment buildings (12 apts. each). Owner—Cox Bros., 1950 Irving St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$20,000 ea

DWELLINGS

(3) E RAMSELL 275 N Garfield. Two-story and basement frame dwelling. Owner—James Low, 76 Coleridge St., San Francisco.
 Architect—None. \$4000

DWELLING

(4) N TWENTY-FIRST 100 E Castro. One-story and basement frame dwlg. Owner—Arvid Peterson, 1620 8th Ave., San Francisco.
 Architect—None. \$4000

DWELLING

(5) N RIVERA 82-6 W Forty-seventh Ave. One-story and basement frame dwelling. Owner—A. Stone, 1287 25th Ave., San Francisco.
 Architect—None.
 Contractor—T. Kolsberg, 1287 25th Ave., San Francisco. \$4000

APARTMENTS

(6) W PIERCE 75 N Eddy. Two-story and basement frame (4) apartments. Owner—T. W. Rutherford, 1215 Pierce St., San Francisco.
 Architect—P. McDonald, 1049 Treat Ave., San Francisco. \$12,750

DWELLING

(257) W SOMERSET 100 N Silliman. One-story and basement frame dwlg. Owner—G. Carraro, 750 Felton St., San Francisco.
 Architect—F. Carraro, 750 Felton St., San Francisco. \$3000

THEATRE

(258) NE MISSION AND ROLPH. Reinforced concrete theatre and store building. Owner—Excelsior Amusement Co., Inc., 983 Market St., San Francisco.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Contractor—G. B. Pasqualetti, 2330 Larkin St., San Francisco. \$40,000

APARTMENTS

(259) SE LOMBARD AND POLK STS. six-story and basement reinforced concrete (36) apartments. Owner—Herman C. Hogrefe, 2730 Anza St., San Francisco.
 Architect—Edward E. Young, 2002 California St., San Francisco. \$75,000

APARTMENTS

(260) NW FELL AND BUCHANAN. Six-story Class C (48) apartments. Owner—Fred Hechter, 1424 Balboa St., San Francisco.
 Architect & Engineer—Irvine & Ebbets, New Call Bldg., S. F. \$85,000

DWELLING

(261) W TWENTY-EIGHTH AVE 175 S Judah. One-story and basement frame dwelling. Owner—Nels P. Johnson, 967 14th St., San Francisco.
 Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$4500

DWELLING

(262) W HAMILTON 120 S Silliman. One-story and basement frame dwelling. Owner—Carlo Lepra.
 Architect—None.
 Contractor—G. Carraro, 750 Felton St., San Francisco. \$3000

DWELLING

(263) N DEWEY BLVD. 246 E Pacheco. One-story and basement frame dwlg. Owner—E. J. Montgomery, 1320 Broadway, San Francisco.
 Architect—T. Dakin, 310 California St., San Francisco. \$3500

BOILER ROOM

(264) S NINETEENTH 210 W Church. One-story concrete boiler room. Owner—McKinley Orphanage, 3841 19th St., San Francisco.
 Architect—A. H. Jacobs, 110 Sutter St., San Francisco.
 Contractor—Thos. A. Cuthbertson, 430 Noriega St., San Francisco. \$1000

ALTERATIONS

(265) SE SIXTEENTH AND CONNETTICUT. Alter and remodel novelty wood box factory. Owner—Real Estate & Development Co., Hearst Bldg., San Francisco.
 Architect—None.
 Contractor—George Wagner, 181 South Park, San Francisco. \$1000

DWELLING

(266) N MURRAY 100 E Mission. One-story and basement frame dwelling. Owner—St. Mary's Park, 3901 Mission St., San Francisco.
 Architect—D. E. Jaekle, 395 Justin Dr., San Francisco.
 Contractor—A. J. Johnson, 3901 Mission St., San Francisco. \$4000

FLATS

(267) E TWELFTH AVE 200 N California. Two-story and basement frame (2) flats. Owner—Charles A. Stevens, 4026 Fulton St., San Francisco.
 Architect—None. \$8000

DWELLING

(268) NW MADRONE AVE 45 NE Ulloa. One-story and basement frame dwelling.

Owner—Albert A. and Ethel A. Wagstaff 1007 Sutter St., San Francisco.
 Architect—None.
 Contractor—Pacific Bldg. Co., 2800 Third St., San Francisco. \$5000

DWELLINGS

(269) E TWENTY-SIXTH AVE 275 and 300 S Lawton. Two one-story and basement frame dwellings. Owner—A. Boin and J. Castleberry, 1328 Haight St., San Francisco.
 Architect—None. \$4000 each

HOTEL

(270) W JONES 100 S Eddy. Seven-story and basement Class A hotel building. Owner—John Dempniak, 1214 Jackson St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$75,000

ALTERATIONS

(271) NE FILLMORE AND SUTTER. Alter front of restaurant and install partitions. Owner—Foster's White Lunch Co., 986 Mission St., San Francisco.
 Architect—Austin B. Murray, 610 Mission St., San Francisco. \$2840

ALTERATIONS

(272) NO. 2298 SAN JOSE AVE. New front and foundations for restaurant. Owner—Market St. Railway Co., 58 Sutter St., San Francisco.
 Architect—None.
 Contractor—Jenkins & Gross, 3433 Market St., San Francisco. \$3000

DWELLING

(273) NO. 295 URBANA DRIVE. One-story and basement hollow tile dwelling. Owner—Mr. and Mrs. J. L. Reynolds, 2254 30th Ave., San Francisco.
 Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$5000

ALTERATIONS

(274) NO. 1245 CLAY. Raise building and install private garages. Owner—Salvatore Silvestri, 2694 McAllister St., San Francisco.
 Architect—None.
 Contractor—Blanchini Co., 552 Berry St., San Francisco. \$1800

APARTMENTS

(275) SW BRODERICK AND NORTH Point. Three-story and basement frame (14) apartments. Owner—T. B. Strand, 521 Pierce St., San Francisco.
 Architect—Irvine & Ebbets, New Call Bldg., San Francisco. \$25,000

STORE BLDG.

(276) NW FIFTH AVE AND IRVING. One-story frame store building. Owner—J. Sheehan, % Architect.
 Architect—J. E. Kraft & Sons, Phelan Bldg., San Francisco. \$12,000

DWELLING

(277) E 28TH AVE. 25 S Ulloa; 1-story and basement frame dwelling. Owner—C. J. Bennett, 112 7th Ave.
 Architect—None. \$5000

ALTERATIONS

(278) 674 MARKET ST., alter and remodel sandwich shop. Owner—Herman Cohn, 674 Market st.
 Architect—None.
 Contractor—Mullen Mfg Co., 60 Rausch street. \$2300

DWELLINGS

(279) W 25TH AVE. 25, 50, 75, 82.6, 107.6 and 132.6 Moraga; 6 1-story and basement frame dwellings. Owner—A. J. Kronquist, 1919 Ocean ave.
 Architect—None. \$4000 each

DWELLING

(280) N McQUINN AVE. 50 W Newell. 1½-story and basement frame dwelling.

Owner—Ed L. and Rose O. Klein, 330 Prospect ave.

Architect—None.

Contractor—Milton T. Moore, 731 Courtland ave. \$4300

DWELLING

(281) SW 25TH & Moraga, 1-story and basement frame dwelling.

Owner—A. J. Kronquist, 1919 Ocean ave.

Architect—None. \$600

SERVICE STATION

(282) E 3RD AVE. bet. California and Cornwall, 1-story steel super service station.

Owner—F. K. Logeek, 570 Ellis st.

Architect—None.

Contractor—Michael and Pfeffer Iron Works, 1415 Harrison st. \$3000

REMODEL

(283) SW HERMAN and Church, alter and remodel apts.

Owner—J. Mowat and M. Edelman, 76 Taraval.

Architect—None.

Contractor—J. Mowat, 76 Taraval. \$5000

DWELLING

(284) E 27TH AVE. 250 and 275 S Judah; 1-story and basement frame dwelling.

Owner—Ohlsen & Almquist, 1626 24th ave.

Architect—None. \$4000

DWELLINGS

(285) E 30TH AVE. 200 and 225 N Kirkham, two 1-story and basement frame dwellings.

Owner—Albert A. Ragge, 135 Steiner st.

Architect—None. \$3500 ea.

ALTERATIONS

(286) 318 STOCKTON st., alter display room.

Owner—H. B. Rector Co., Inc., 318 Stockton.

Architect—F. Eugene Barton, Crocker Bldg.

Contractor—Lawton & Vezey, 354 Hobart st., Oakland. \$2200

ALTERATIONS

(287) SW GEARY and Taylor sts., remodel and alter coffee shop.

Owner—Starkweather & Hull, Geary and Taylor.

Architect—None.

Contractor—Mullen Mfg. Co., 60 Rausch st. \$6500

REPAIR

(288) 1158 GEARY St., repair fire damage.

Owner—Van Ness Realty Co., 40 Montgomery st.

Architect—None. \$1300

REPAIRS

(289) NW BUSH and Jones, repair fire damage.

Owner—O. A. Craemer, 1132 Masonic ave.

Architect—None.

Contractor—J. W. Cobby & Son, 260 Tehama st. \$1000

DWELLING

(290) E PLYMOUTH 100 S Grafton ave, 1-story and basement frame dwelling.

Owner—Hinkel Bros., 1204 Castro st.

Architect—None. \$4000

DWELLING

(291) W 33RD AVE. 100 S Taraval, 1-story and basement frame dwelling.

Owner—Nelson E. Lutz, 199 Pope st.

Architect—None. \$3000

DWELLINGS

(292) E 14TH AVE. 200 and 225 N Santiago; two 1-story and basement frame dwellings.

Owner—Standard Bldg. Co., 218 Castaneda ave.

Architect—None. \$4000 each

FLATS

(293) N PALOU 225 & 250 E Newhall st., two 2-story and basement frame (2) flats.

Owner—Thos. R. Sharman, 1514 Irving st.

Architect—None. \$6000 each

DWELLING

(294) E LYON 40.6 S Greenwich st.; 3-story and basement frame dwelling.

Owner—Henry H. Simons, 2250 Chestnut st.

Architect—J. H. McFarland, 2250 Chestnut st. \$22,000

SHED

(295) W DE HARO St. 292 & 17th st.; 1-story frame shed.

Owner—Western Can Co., 17th and De Haro.

Architect—Leland S. Rosener, 233 Sansome st.

Contractor—MacDonald & Kahn, Inc., Financial Center Bldg. \$2500

APARTMENTS

(296) S FILBERT 100 E Polk. Three-story and basement frame (6) apartments.

Owner—A. Boitano, 1379 Filbert St., San Francisco.

Architect—J. A. Porporato, 1619 Washington St., San Francisco. \$24,000

FLATS

(297) S BERNARD 221 E Jones. Two-story and basement frame (2) flats.

Owner—T. and R. Domeniconi and D. Malfanti, 1148 Pacific Ave., S. F.

Architect—P. F. DeMartini, 948 Broadway

Contractor—DeLuca & Son, 666 Mission St., San Francisco. \$4000

DWELLING

(298) W CHARTER OAK AVE 175 N Woolsey. One-story and basement frame dwelling.

Owner—Louis N. Devincenzi, 2748 San Bruno Ave., San Francisco.

Architect—None. \$3000

APARTMENTS

(299) E SCOTT 105 N Prado. Three-story and basement frame (6) apartments.

Owner—L. Franceschi, 127 Diamond St., San Francisco.

Architect—Pring & Lesswing, 605 Market St., San Francisco. \$16,000

APARTMENTS

(300) SW SACRAMENTO AND LAGUNA. Six-story and basement reinforced concrete (24) apartments.

Owner—H. C. Keenan, 110 Sutter St., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$125,000

DWELLING

(301) E THIRTY-SECOND AVE 125 S Irving. One-story and basement frame dwelling.

Owner—Joseph Lennon, 326 Pierce St., San Francisco.

Architect—None.

Contractor—Oscar Swanson, 3524 Market St., San Francisco. \$5000

DWELLING

(302) N ESCONDIDO 100 E Thirty-fourth Ave. One-story and basement frame dwelling.

Owner—Parkside Realty Co., Crocker Bldg., San Francisco.

Architect—None. \$5000

ALTERATIONS

(303) 164 VALLEY St., alter and remodel dwelling.

Owner—Florence Rosewell, 163 Valley st.

Architect—None.

Contractor—William Bryne, 146 Highland ave. \$3000

DWELLINGS

(304) E BRENTWOOD 277 and 322 S Los Palmos; two 1-story and basement frame dwellings.

Owner—Stoneson Bros., 279 Yerba Buena ave.

Architect—Chas. Strothoff, 2274 15th st. \$5000 each

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
55	Cassisi	Demartini	4800
56	Zem	Larsen	1325
57	Stone	Kolsberg	5500
58	Clifford	Penny	2486
59	Southern	Weber	
60	Native	Barrett	84000

BUILDING

(55) N SADOWA 261 W Plymouth Ave. All work for one-story and basement frame dwelling.

Owner—John Cassisi, 66 Caine Ave., San Francisco.

Architect—None.

Contractor—Wm. Demartini & Co., 1144 Treat Ave., San Francisco.

Filed Feb. 2, '28. Dated Jan. 24, '28.

Rough frame up \$1200

Brown coated 1200

Completed and accepted 1200

Usual 30 days 1200

TOTAL COST, \$4800

Bond, \$3000. Sureties, Wm. A. Newsom Jr. and W. A. Reinhart. Limit, 90 days.

Forfeit, plans and specifications, none.

NOTE—Permit Applied for.

ALTERATIONS

(56) LOT 1255 Gift Map 3. All work for alterations and additions to building.

Owner—John and Augusta Zem, 625 Peralta Ave., San Francisco.

Architect—None.

Contractor—Larsen & Dybdal, 170 Alpine Terrace, San Francisco.

Filed Feb. 3, 1928. Dated Feb. 1, 1928.

Work 50% finished \$500

Balance in \$30 per month installments.

TOTAL COST, \$1325

Bond, limit, forfeit, plans and specifications, none.

BUNGALOW

(57) N RIVERA 82.6 W 47th ave.; all work on 5-room frame bungalow.

Owner—A. Stone, 1287 25th ave., S. F.

Architect—None.

Contractor—T. Kolsberg, 1287 25th ave. S. F.

Filed Feb. 2, 1928. Dated Feb. 1, 1928.

1st floor on \$1100

Roof on 1100

Scratch coat on 1100

Usual 35 days 1100

TOTAL COST \$5500

Bond, forfeit, none; limit July 1; no plans or spec. filed.

Permit applied for February 3, 1928.

GARAGE

(58) NO. 75 ASHBURY TERRACE. All work for one-story and basement private garage with living rooms in connection with residence.

Owner—Fred W. Clifford, % Architect.

Architect—J. E. Krafft & Sons, Philadelphia.

Bldg., San Francisco.

Contractor—Isaac Penny, 690 Market St., San Francisco.

Filed Feb. 6, '28. Dated Feb. 1, '28.

Frame up and enclosed and roof on; concrete finished and rough plumbing done \$932.00

Completed and accepted 332.00

36 days after 622.50

TOTAL COST, \$2486.50

Bond, \$1243.25. Surety, United States Fidelity & Guaranty Co. Limit, 40 days.

Forfeit, none. Plans and specification filed.

NOTE:—Permit applied for.

EXTENSION OF TIME

(59) Southern Pacific Co., 65 Market st. owner; Weber Showcase and Fixture Co. and Standard Accident Ins Co.

967 Mission st., S. F., extending limit in contract for installing partition in 2nd story of Banana Terminal Bldg. to Jan. 30, 1928.

Filed Feb. 8, 1928. Dated Jan. 21, 1928.

BUILDING

(60) W BAKER 25 S FULTON; all work on 4 story and basement steel frame bldg.

Owner—Native Daughters of the Golden West, Spreckels Bldg., S. F.

Architect—Julia Morgan, Merchants Exchange Bldg., S. F.

Contractor—Barrett & Hilp, 918 Harrison st., S. F.

Filed Feb. 8, 1928. Dated Jan. 28, 1928.

8th of each month 750

Usual 35 days 250

TOTAL COST \$84.00

Bond, \$84,000; sureties, Albert Lachman J. F. Barrett; limit, Sept. 1, 1928; forfeit, none; plans and spec. filed.

Building permit applied for.

COMPLETION NOTICES

San Francisco County

Recorded Feb. 1, 1928—COMG AT INT SW Yerba Buena ave & W line Santa Paula ave S 261.53 NE 50 which is pt of bkg N 26.46 NE 55.65 SE to pt SW 22.88 N 57.43 N 13.73. Sterling Foster Inc to whom it may concern. Jan. 17, 1928. Filed Feb. 1, 1928—PTN LOTS 10 AND 11 blk 3045 map blk 3044, 3045 and ptn blk 3039, 3042 & 3047 Monterey Heights, comg int of SE line lot 10 with NE line Maywood ave rung

W alg NE Maywood ave 52.66 to
ne lot 10 meas. a r w there to NE
nd part with SE lines lots 10 & 11
ist 32.595 to NE line lot 11 SE alg
E line lot 11 dist 50.387 to SE line
E 11 SW alg SE line lots 11 & 10
ist 102.574 to beg. Louis A Arata
married to whom it may concern.
Dec. 19, 1927
Feb. 1, 1928—LOT 5 and LOT 6 BLK
303 St Mary's Park. Andrew R John-
son to whom it may concern.
Jan. 28, 1928
Feb. 1, 1928—W FOLSOM 150 S Pow-
hattan ave S alg Folsom 25 x W 70
pt 437 Gift Map No. 1, Al Schmid
to whom it may concern.
Feb. 1, 1928—W 9TH AVE 100 N Mo-
naga 25 x 120. D W Ross to whom
it may concern.
Feb. 1, 1928
Feb. 1, 1928—W 17TH AVE 235.8 S
Rivera st. Joseph F Kennedy to
whom it may concern.
Feb. 1, 1928
Feb. 1, 1928—NE UNION & STOCK-
ton N alg Stockton 72.6 x E 86.14
to 50 V blk 106. Sylvester Andriano
to whom it may concern.
Feb. 1, 1928
Feb. 2, 1928—25 x 100 ON E SAN
rmo ave 150 S Bacon. Stagnaro &
Carraro to G Carraro.
Feb. 2, 1928
Feb. 1, 1928—LOT 34 BLK 45 CITY
and Assn, known as 759 Head, An-
drew Benson to whom it may con-
cern.
Feb. 1, 1928
Feb. 1, 1928—SW TURK & Broderick
alg S Turk 91.10% x S 27.6. Henry
and Louise M Schaldach to Geo
Beck.
Jan. 31, 1928
Feb. 1, 1928—SW BRODERICK & Turk
alg S Turk 91.10% x S 37.6. Henry
and Louise M Schaldach to John
ty & Son, Oscar Casty.
Jan. 31, 1928
Feb. 2, 1928—LOT 2 BLK 11, Exten 1
t. Francis Wood No. 55 Santa Ana.
Lawrence W Jordan to Ira W Co.
turn.
Jan. 31, 1928
Feb. 2, 1928—NW MOULTON AND
Buchanan N 29xW 110. L and Elena
oturri to Peter Sartorio.
Jan. 31, 1928
Feb. 2, 1928—NW THIRD AVE AND
Alboba, 35x95. I and Lee Epp to
whom it may concern.
Feb. 2, 1928
Feb. 2, 1928—N REVERE AVE 25 E
leith. Emile Serresseque to R Shar-
nan.
Jan. 1, 1928
Feb. 3, 1928—W 21ST AVE 75 S Law-
son 25 x 95. August Hallgren to
whom it may concern.
Jan. 30, 1928
Feb. 3, 1928—S VALLEJO 162.6 W
Broderick to pt 50 W th to pt 137.6
th 50 E to ptn of beg 137.6 N
oshua Shandding to Antonio Draga
Dec. 30, 1927
Feb. 3, 1928—341 SAN FERNANDO Way
lot 24 and ptn lot 23 blk 3257 Bal-
boa Terrace George W and Josephine
tanley to whom it may concern.
Feb. 1, 1928
Feb. 3, 1928—E 23RD AVE 25 N Mo-
naga N 25 E 23rd ave x E 82.6. Jas
o Maxon to whom it may concern.
Feb. 3, 1928
Feb. 3, 1928—W DIVISADERO BET
Hills and O'Farrell, 1433 Divisadero.
Cooker T Washington Community
Center to whom it may concern.
Jan. 20, 1928
Feb. 3, 1928—NE 21ST & CAPP NO
140. 21st. Mary McDermott to whom
it may concern.
Jan. 31, 1928
Feb. 3, 1928—SW WALLER & Alpine
V 59.0% x S 75. Georgia C Raymond
o James E Raymond.
Feb. 1, 1928
Feb. 4, 1928—N INGERSON 200 NW
ngalls 25 x 100. Ernest Icardi to
whom it may concern.
Jan. 31, 1928
Feb. 4, 1928—N EDDY V. VAN NESS
ve N 40 x W 109.9. Jennie Helbing
o The Helbing.
Feb. 4, 1928
Feb. 4, 1928—E 32ND AVE 150 N Tar-
val 25 x 120. Carl and Fred Geller
o whom it may concern.
Feb. 4, 1928
Feb. 4, 1928—NE CERVANTES Blvd
ist 281.699 SE from pt of int of
ald line Cervantes blvd produced
V & S line Beach produced W rung
alg NE Cervantes blvd 25 NE
21.625 N 77 deg 28 min 07 sec W
6.894 to int of line NE at r a to
Cervantes blvd from pt of beg alg
ine so drawn 111.711 to beg ptn
Marina Gardens. Henry and Elizabeth
tubke to whom it may concern.
Feb. 4, 1928
Feb. 4, 1928—N FARALLONES 390 E
Orizaba ave E 25 x N 125 ptn lot 8
blk L Railroad Hd Assn. F C Wol-
bert to whom it may concern.
Feb. 3, 1928
Feb. 6, 1928—E DIVISADERO 107.6
N Grove E 137.6 N 30 W 137.6 S to
beg. Joseph Johnson, Larus Erlend-

sen to whom it may concern.

Feb. 6, 1928—NW GOUGH & GROVE
68 on Gough 55 on Grove. Leon Schnei-
der to I M Sommer & Co. Feb. 4, 1928
Feb. 7, 1928—SW COR 15TH & Beaver
ptn lot 36 blk 9 Flint tct 2401-2403
15th st. Albin Saari.
Feb. 7, 1928
Feb. 6, 1928—NE GREEN & STOCK-
ton N alg E Stockton 40.1 x E 80.1
ptn 50 V blk 107. United Bank and
Trust Co vs J A Grant.
Jan. 27, 28
Feb. 6, 1928—E 40TH AVE 100 S Judah
S 25 x E 120. W H Reed to whom it
may concern.
Feb. 4, 1928
Feb. 6, 1928—LOT 11 BLK 2483 MAP
West Portal Park. J E Sprague to
whom it may concern.
Feb. 1, 1928

LIENS FILED

San Francisco County

Feb. 1, 1928—S PACIFIC AVE 22.6 E
Powell E alg S Pacific ave 23 x S
67.6 to N Carmine place. O W Cho-
nette vs Earl Commyns and Aristide
and Alexanderine Delabriandais.
\$211.50
Feb. 1, 1928—LOT 1 BLK 2516 bnd
by Great Highway, Wawona, 47th
ave and Sloat blvd, fntg on NW
47th ave and Sloat blvd. San Fran-
cisco Lumber Co vs C F Parker, H
F Siegler, R A Lee, George N Kle-
myer and L B Ha.
\$3498.65
Feb. 1, 1928—LOT 26 BLK 2 FOREST
Hill tct. H E Ramm vs Marion and
Ruth Barker and Carrol J Gallagher
\$123.25
Feb. 1, 1928—LOT 11 BLK 24 FOREST
Hill Tct. H E Ramm vs Esther R
Jacobsen.
\$97
Feb. 1, 1928—LOT 5 BLK 17 FOREST
Hill Tct. H E Ramm vs Marion and
Ruth Barker, Louis and Anna Gold-
stein.
\$25.50
Feb. 1, 1928—W 20TH AVE 100 N
Taraval N 25 x W 120. California
Steel Products Co Inc vs W R Bethel
and H J Rock.
\$96
Feb. 1, 1928—N ANZA & E 43RD AV
E 100 x N 25 Lot 17 blk 1502. The
Fay Improvement Co vs Mrs Anna
Fronfeld.
\$196.25
Feb. 2, 1928—LOT 56 BLK 11 MAP
sub No 2 Clarendon Heights the
Lands of Market & Stanyan sts.
Golden Gate Park Land & Improve-
ment Co, McWhirter & Thyle vs
Harry Kavanagh, Margaret Kava-
nagh and Harry Steigler.
\$148.59
Feb. 2, 1928—E HOWARD 73.6 N 25th
x 40 x E 122.6. Joe Bertolino vs
Frank Maino & Ferdinand F Rakic
\$100
Feb. 2, 1928—W SAN MIGUEL S from
S Mt Vernon ave 34 S on and alg
W San Miguel 32 W 100 S 33 E 100
to beg ptn blk 7037. W San Migel
67 S Mt Vernon ave S on and alg W
San Miguel 32 x W 100 ptn blk 7037
Vito Caracci vs John F and Elizabeth
De Brien.
\$405
Feb. 2, 1928—W 20TH AVE 100 N
Taraval N alg W 20th ave 25 x W
120. Iron & Steel Contracting Co vs
Harry J and Augusta Rock and H
Bethel.
\$84.85
Feb. 2, 1928—NE POST & POLK E
alg Post 80 x N 120 to S Hemlock
James Gally vs Realty Buyers &
Sellers Inc.
\$488.85
Feb. 3, 1928—LOT 6 BLK 9 FOREST
Hill on Dorantes near Maglan. Rein-
hart Lumber & Planing Mill Co vs
Frank Hill.
\$270.91
Feb. 3, 1928—NE FLORIDA & Precita
ave NE alg Precita ave 27.0% N
82.11% W 25.0% S 95.74%. Reinhart
Lumber & Planing Mill Co to J A
or J Arvid Johnson and Antonio G
Minori.
\$3198.18
Feb. 3, 1928—SW SAN MIGUEL 34
SW Mt Vernon ave SW alg San
Miguel 66 x NW 100 ptn blk E Getz
Addn to Lake View, A J Ruhnban
& Co vs John E De Brien and El-
izabeth De Brien.
\$41.50
Feb. 3, 1928—NW SLOAT BLVD &
47th ave. M J Schwartz Co Inv vs
George N Klemyer, Harry M Seigler,
C F Parker, D Kruger.
\$473.76
Feb. 3, 1928—NE PRECITA AVE AND
Florida E 27.0% x N 82.11% W 25-
0% S 95.74%. San Francisco Terrazzo
Assn vs Antonio G Minori, J Arvid
Johnson.
\$51.20
Feb. 3, 1928—S JEFFERSON 137.6 E
Broderick S 137.6 E 55 N 137.6 W to
beg. M J Schwartz Co Inc vs John

Harder, W L Coleman.
\$462.05
Feb. 2, 1928—BLK 1800 LO' 4 COMG
at pt on 45th ave 150 S Irving rung S
alg 45th ave 25 x W 120. Inland Floor
Co vs Albert Wm Spelt deed, Ada
Spelt.
\$140
Feb. 2, 1928—LOT 1 BLK 2516 bnd by
Great Highway, Wawona, 47th ave &
Sloat blvd. Felix Gross Co vs C F
Parker & H F Siegler, R A Lee, Geo
N Kelmeyer & L B Ham.
\$320
Feb. 2, 1928—W 42RD AVE 235 S Bal-
boa S 35 x W 120. F G Norman & Sons
vs R Leon Lawrence.
\$153.44
Feb. 2, 1928—W 11TH AVE 250 S Cal-
ifornia S 35 alg W 11th ave x W 120
F G Norman & Sons vs R Leon
Lawrence.
\$68
Feb. 4, 1928—E MASON 70 S Chest-
nut S alg E Mason 22.6 x E 68 ptn
50 V lot 685. Reinhart Lumber &
Planing Mill Co vs Picconi & La-
mont, Jennie and F Evola.
\$866.52
Feb. 4, 1928—S SADOWA 121.6 E Ori-
zaba E 50 x S 125 ptn blk C Rail-
road Hd Assn. Howes Lumber Co
Inc vs F Collins & P Cavazza.
\$957.77
Feb. 6, 1928—S SADOWA 146.6 E Ori-
zaba ave E alg S Sadowa 25 x S 125
ptn blk C Railroad Hd Assn. A L
Stockton Co vs James J Cronin and
P Gavazza.
\$409.26
Feb. 6, 1928—S SADOWA 146.6 E Ori-
zaba ave E alg E 25 alg Sadowa x
S 125 ptn blk C Railroad Hd Assn.
San Francisco Glass Co vs P Gavazza
\$105
Feb. 6, 1928—NE FLORIDA & Precita
ave E alg N Florida 27.0% N 82.11%
W 25.0% to E Precita ave 95.74% to
beg. Albert Nelson vs J Arvid John-
son and Antonio G Minori.
\$150
Feb. 6, 1928—NE FLORIDA & PRE-
cita ave NE alg Precita ave 27.0%
N 82.11% W 25.0% S 95.74% to pt of
beg. San Francisco Glass Co (\$179.80)
and Excelsior Hardware Co. (\$307.03
vs J Arvid Johnson ann Antonio G
Minori.
Feb. 6, 1928—E ALPINE TERRACE
100.7% SW Waller rung S alg E Al-
pine Terrace 25 x E 110.5 ptn W A
520. Mallott & Peterson vs James E
Raymond & Walter G and Johanna
Z A Mispratt.
\$145
Feb. 6, 1928—E FLORIDA WITH NW
Precita ave N alg Florida 95.118 m
or l to pt dist 90 S from S Army E
parl with S Army 25.0% S parl with
E Florida 82.11% m or l to NW Pre-
cita ave SW alg last line 27.0% m
or l to beg ptn P V Lands. D R Camp-
bell vs J Arvid Johnson and Antonio
G Minori.
\$590
Feb. 6, 1928—W SCOTT 82.6 S FIL-
bert S 27.6 x W 137.6. Louis Mashada
vs Francis A Dunne, George Balliet
R L Schwartz, Schwartz & Co.
\$327
Feb. 6, 1928—LOT 56 BLK 11 MAP
Sub No 2 Clarendon Heights. Stand-
ard Concrete Constr Co vs Harry P
and Margaret Kavanagh and H Steiger
\$199.50
Feb. 4, 1928—NE FLORIDA & Precita
ave NE alg Precita ave 27.0% N 82-
11% W 25.0% S 95.74%. Johnson Elec-
tric Co vs J Arvid Johnson and An-
tonio B Minori.
\$600
Feb. 4, 1928—S SADOWA 121 E Orizaba
in Railroad Hd Assn tct. S Sadowa
117 E Orizaba Homstead Assn Tct.
Fred C Dittmann vs P Cavazza.
\$40
Feb. 4, 1928—SW COR WALLER AND
Alpine Terrace 75 x 59.0%. Califor-
nia Concrete Co vs James E Ray-
mond.
\$209
Feb. 7, 1928—E RUSSIA AVE & Edin-
burgh NE alg SE Edinburgh 50 x
SE 100 ptn Excelsior Hd Assn Blk 45
Pibrestone & Roofing Co vs A G Mat-
tison and Olive Mattison.
\$406.50
Feb. 7, 1928—COMG 121.6 ON E Ori-
zaba and from int of E Orizaba and
S Sadowa th 50 E on S Sadowa S
125 W 50 N 125 to beg ptn blk C R R
Hd Assn. San Francisco Terrazo
Assn vs F Collins and P Gavazza.
\$36.15

RELEASE OF LIENS

San Francisco County

Recorded	Amount
Feb. 2, 1928—N CALIFORNIA 110 E Leavenworth E 27-6 N 112-4 W 27-6 S to beg. Abraham Krishnick to Marie Gildersleeve or Alice M Mc- Ginnis	

Feb. 2, 1928—E BRODERICK 190 S Francisco S 25 x E 118.9. M Stul-saft Co Inc to James I Gibbs.
Feb. 3, 1928—LOT 22 BLK 19 St Francis Wood Extn No 2. J S Guerin & Co to Robert and Jeanette Newell, M C Ingraham.
Feb. 3, 1928—S YERBA BUENA E Santa Clara ave known as 50 Yerba Buena ave lot 38 blk 3076. J Devin-cenzi & Co to Robert R Newell and M C Ingraham. \$200
Feb. 7, 1928—LOT 39 BLK 8 Castro St Addn M J Lynch to Marry Gallagher. \$299.75
Feb. 7, 1928—E TEXAS 25 S 18TH S 25.2 x E 190. G Siarabosio to John Ricci.
Feb. 7, 1928—N GROVE 131.3 W Cole W 25 x N 100. J Zimmerman to Viola D Evans.

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
224	Canning	Thornton	7909
225	Hansen	Owner	4750
226	Lucas	Owner	12800
227	Blancque	Clinton	26075
228	Gaubert	Owner	4400
229	Oakland	Dizillo	2536
230	Oakland	Smith	8860
231	Schutz	Owen	17000
232	Sequoia	Stolte	60000
233	Santos	Owner	1000
234	Watson	Owner	3650
235	Barker	Butterfield	1500
236	Demming	Owner	2500
237	Droan	Hooper	4000
238	Vonado	Owner	3000
239	Abrott	Vaughn	12000
240	Billey	Brown	1000
241	Delgen	Owner	3900
242	Netherby	Owner	4000
243	Yankauskas	Martin	4200
244	Ennor	Henderson	4500
245	Hiller	Thaxter	1000
246	Abrams	Moe	2000
247	Forster	Forster	25000
248	Rodger	Owner	1000
249	Fernside	Owner	5300
250	Frederickson	Owner	5500
251	Hally	Owner	3850
252	Justice	Owner	4350
253	Pickrell	Owner	1000
254	Salisbury	Lee	3800
255	Thorp	Owner	3650
256	Willis	Owner	5800
257	Walker	Owner	5200
258	Fidelity	Jordan	3800
259	Bemiss	Auloff	6250
260	Fisher	Owner	65000
261	Langley	Owner	120000
262	Cowin	Flettner	1500
263	Cochran	Chase	2500
264	Dalton	Charleston	1700
265	Higgins	Owner	8000
266	Pollard	Griffith	3800
267	McCarthy	Dolan	8000
268	Sims	Owner	8000
269	Sullivan	Owner	3000
270	Higgins	Owner	8000
271	Pioneer	Olsen	3000
272	Whitehouse	Owner	36000
273	Cormack	Rowland	7500
274	Dolan	Owner	6000
275	Flagliano	Blair	3000
276	Jones	Blair	3000
277	Orton	Owner	3250
278	Orton	Owner	3250
279	Sigwald	Owner	3125

STORES

(227) SE 19TH & Webster sts., Oak-land; 2-story brick stores and loft. Owner—Dr. R. H. Blancque, Oakland. Architect—Alben R. Froberg, Ray Bldg., Oakland.
Contractor—Clinton Const. Co., 903 Pol-son st., S. F. \$26,075

DWELLING

(228) NW McKILLOP Rd. and E 29th st., Oakland; 1-story 5-room dwell-ing and garage. Owner—N. Gaubert, 4735 Brookdale ave., Oakland. Architect—None. \$4600

CONCRETE WALL

(229) NW MONTICELLO and Fleming aves., Oakland; concrete retaining wall. Owner—Oakland Public Schools. Architect—None.
Contractor—V. Dizillo and F. Bosso, 1062 56th st., Oakland. \$2596

CONCRETE WALL

(330) NE LINCOLN Ave. and Scenic st., Oakland; concrete retaining wall. Owner—Oakland Public Schools. Architect—None.
Contractor—Manuel Smith, 3321 Ran-dolph ave., Oakland. \$4800

GARAGE

(231) NE 5TH & ALICE Sts., Oakland; 1-story brick garage. Owner—I. Schutz, 5th and Alice sts., Oakland. Architect—None.
Contractor—W. K. Owen, 3137 Pleitner ave., Oakland. \$17,000

ADDITION

(232) SEQUOIA County Club, Oakland; addition. Owner—Sequoia County Club. Architect—Eugene Barton, Crocker Bldg., San Francisco.
Contractor—F. C. Stolte, 3455 Laguna ave., Oakland. \$60,000

ALTERATIONS

(233) 1130 KIRKHAM St., Oakland; al-terations. Owner—M. V. Santos, 1130 Kirkham st., Oakland. Architect—None. \$1000

DWELLING

(234) 4710 MELDON Ave., Oakland; 1-story 5-room dwelling and garage. Owner—Wm. Watson, 4750 Meldon ave., Oakland. Architect—None. \$3650

ALTERATIONS

(235) NO. 2474 SHATTUCK AVE., Ber-keley Alterations. Owner—Barker Estate, Berkeley. Architect—None.
Contractor—F. P. Butterfield, 2008 Parker St., Berkeley. \$1500

DWELLING

(236) NO. 1239 TALBOTT AVE., Ber-keley. One-story 5-room dwelling. Owner—J. H. Demming, 2230 10th St., Berkeley. Architect—None. \$2500

RESIDENCE

(237) NO. 1012 KEITH AVE., Berkeley. One-story 5-room residence. Owner—D. G. Droan, Berkeley Center Prop. Bldg., Berkeley. Architect—None.
Contractor—W. H. Hooper, 732 Cragmont Ave., Berkeley. \$4000

RESIDENCE

(238) NO. 1220 STANNAGE AVE., Ber-keley. One-story 5-room residence. Owner—J. A. Vonada, 2805 Acton St., Berkeley. Architect—None. \$300

FACTORY

(239) NE THIRTY-SECOND & MAC-bolia, Oakland. One-story factory. Owner—B. Abrott. Architect—Hutchinson & Mills, 1214 Wel-ster St., Oakland. Contractor—W. T. Vaughn, 501 Welde Ave. \$12,000

ALTERATIONS

(240) NO. 1124 WASHINGTON, Oak-land. Alterations. Owner—J. Billey. Architect—None.
Contractor—H. Brown, 1387 E-32nd St., Oakland. \$100

DWELLING

(241) S MADERA AVE 125 E Fleming Ave., Oakland. One-story 6-room dwelling and one-story garage. Owner—Wm. A. Delgen, 2055 San Clara Ave., Alameda. Architect—None. \$330

DWELLING

(242) S BUENA VISTA AVE 75 Acacia Ave., Oakland. One-story 1 room dwelling. Owner—W. A. Netherby, 3879 Fruitva Ave., Oakland. Architect—None. \$400

DWELLING

(243) SW THIRTY-FIFTH AVE AN Jordan Road, Oakland. One-story 5-room dwelling and one-story gar-age. Owner—S. Yankauskas, 873 Arlingto St., Oakland. Architect—None.
Contractor—Martin Benson, 3735 Lagu-na Ave., San Francisco. \$42

RESIDENCE

(244) 807 OXFORD St., Berkeley; 1-story 6 room residence. Owner—H. W. Ennor. Architect—None.
Contractor—E. F. Henderson, 2108 Sha-tuck ave., Berkeley. \$450

ALTERATIONS

(245) 10 ALVARADO Rd., Berkeley. Owner—H. F. Hiller. Architect—None.
Contractor—F. W. Thaxter, P. O. Box 3, Berkeley. \$10

ALTERATIONS

(246) 531 13TH ST., Oakland; alteration. Owner—P. L. Abrams, San Francisco. Architect—None.
Contractor—H. A. Moe, 4116 Allenda ave., Oakland. \$20

APARTMENTS

(247) W WARFIELD Ave. 221 N Fa-banks ave., Oakland; 2-story 22-r-apartments. Owner—Elinor H. Forster, 4609 Dolor ave., Oakland. Architect—None.
Contractor—Jas. S. Forster, 4609 Dolor ave., Oakland. \$25,000

ADDITION

(248) 4700 MELDON ave., Oakland; a-dition. Owner—C. L. Rodger, 4700 Meldon av Oakland. Architect—None. \$10

DWELLING

(249) NO. 3127 BAYO VISTA AV Alameda. One-story 6-room stud finish dwelling. Owner—Fernside Builders, 1401 Park S Alameda. Architect—None. \$50

DWELLING

(250) NO. 2836 JOHNSON AVE., A-meda. One-story 6-room ceme-plaster finish dwelling. Owner—Karl S. Fredrickson, 1512 Hal-pel St., Oakland. Architect—None. \$50

DWELLING

(251) NO. 301 HAIGHT AVE., Alame-one-story 5-room cement plas finish dwelling. Owner—Hally & Co., 2315 Santa Cl Ave., Alameda. Architect—None. \$3

RESIDENCE

(224) 1142 INA Way, Berkeley; 1½-story 6-room residence. Owner—Louise E. Canning, 319 Richfield Oil Bldg., Berkeley. Architect—Oliver W. Thornton, 1595 Franklin st., Oakland. \$7000

RESIDENCE

(225) 1985 KEITH Ave., Berkeley; 1-story 6 room residence. Owner—H. A. Hansen, 1749 Grove st., Berkeley. Architect—None. \$4750

RESIDENCES

(226) 1200, 1200A, 1202, 1204, 1206, 1208, 1210, 1212, 1214 Spruce st., Berkeley; nine 3-room residences and garages. Owner—L. L. Lucas, 2201 Ashby ave., Berkeley. Architect—None. \$12,800

PIERCE-BOSQUIT Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING
(2) NO. 2516 BAY ISLAND AVE., Alameda. One-story 5-room stucco finish dwelling.
Owner—J. H. Justice, 3232 Bayo Vista Ave., Alameda.
Architect—None. \$4350

ALTERATIONS
(2) NO. 1714 HIBBARD ST., Alameda. Alterations and new roof.
Owner—J. H. Pickrell, 332 Santa Clara Ave., Alameda.
Architect—None. \$1000

DWELLING
(2) NO. 1832 HARVARD DRIVE, Alameda. One-story 5-room stucco finish dwelling.
Owner—Effie Salisbury, 1500 Versailles Ave., Alameda.
Architect—Samuel Lee, 1500 Versailles Ave., Alameda.
Contractor—Samuel Lee, 1500 Versailles Ave., Alameda. \$3800

ALTERATIONS
(2) NO. 1625 SANTA CLARA AVE., Alameda. Alterations and four garages.
Owner—Wayne Sharp, 802 5th Ave., Oakland.
Architect—None. \$3650

DWELLING
(5) NO. 1805 FREMONT DRIVE, Alameda. Two-story 8-room stucco finish dwelling.
Owner—W. E. Willis, 1131 Adeline St., Oakland.
Architect—None. \$5800

DWELLING
(7) NO. 3000 THOMPSON AVE., Alameda. One-story 5-room stucco finish dwelling.
Owner—S. C. Walker, 3231 Boston Ave., Oakland.
Architect—None. \$5200

RESIDENCE
(8) NO. 976 MILLER AVE., Berkeley. Two-story 5-room residence.
Owner—Fidelity Mortgage Co., 2325 Shattuck Ave., Berkeley.
Architect—None.
Contractor—M. Jordan, 5844 Broadway, Oakland. \$3800

DWELLING
(9) SW LOS AROMAS and Mountain Gate way, Oakland; 2-story 6-room dwelling and garage.
Owner—H. J. Bemiss, 14th and Jefferson sts., Oakland.
Architect—None.
Contractor—C. A. Auloff. \$6250

APARTMENTS
(6) N FOOTHILL Blvd., 60 W 27th ave, Oakland; 3-story 99-room apartments.
Owner—Thos. D. Fisher, 2508 63rd ave., Oakland.
Architect—None. \$65,000

WAREHOUSE
(32) SW 9TH and Castro sts., Oakland; 3-story concrete warehouse.
Owner—Langley & Michaels, 50 1st st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., S. F. \$120,000

ADDITION
(62) 2143 HAVENSCOURT blvd., Oakland; addition.
Owner—W. Corwin.
Architect—None.
Contractor—Jos. Flittner, 1700 35th ave., Oakland. \$1500

DWELLING
(63) 2892 GEORGIA St., Oakland; 1-story 4-room dwelling.
Owner—John Cochran.
Architect—None.
Contractor—W. H. Chase, 3790 Angelo ave., Oakland. \$2500

ALTERATIONS
(64) 467 12TH ST., Oakland; alterations.
Owner—Dalton Bros., 467 12th st., Oakland.
Architect—None.
Contractor—C. E. Charleston, 5627 Genoa st., Oakland. \$1700

APARTMENTS
(65) 1532 and 1424 Milvia st., Berkeley; 2-story 16-room frame apartment house, 4 apts.
Owner—L. S. Higgins, 1385 Rose st., Berkeley.
Architect—None. \$8000

DWELLING
(266) 9506 SCOTT St., Oakland; 1-story 5-room dwelling.
Owner—W. H. Poillard, 9437 E-14th st., Oakland.
Architect—None.
Contractor—C. W. Griffith, 9218 Holly st., Oakland. \$3800

FLATS
(267) S PERRY St. 90 E Oakland ave, Oakland; 2-story 10-room flats.
Owner—Timothy McCarthy, 673 42nd st., Oakland.
Architect—None.
Contractor—Leo J. Dolan, 1404 Franklin st., Oakland. \$8000

DWELLINGS
(268) 3215-3221 MILLSVIEW Ave., Oakland; two 1-story 6-room dwellings.
Owner—Wm. H. Sims, 1940 42nd ave., Oakland.
Architect—None. \$4000 ea.

DWELLING
(269) 2621 78TH AVE., Oakland; 1-story 5-room dwelling.
Owner—C. J. Sullivan, San Leandro.
Architect—None. \$3000

DWELLING
(270) 1532-4 MILVIA St., Berkeley, 2-story 16-room, 4-family dwelling.
Owner—L. F. Higgins, 1785 Rose st.
Architect—None. \$8000

CLEANING PLANT
(271) NE COR. 62ND & Doyle sts., Emeryville; cleaning plant.
Owner—Pioneer Laundry Co., 63rd and Doyle sts.
Architect—None.
Contractor—Arthur Olsen, 2427 McKinley ave., Berkeley. \$3000

DWELLING
(273) SW SNAKE RD. and Magellan dr., Oakland; 2-story 9-room dwelling.
Owner—R. M. Cormack, 1327 Walnut st., Berkeley.
Architect—J. L. McCreery, 505 Berkeley Bank Bldg.
Contractor—Rowland & Rowland, 1810 Blake st., Berkeley. \$7500

DWELLING
(274) E CARLSTON AVE. 100 N Mandana, Oakland, 2-story 6-room dwelling.
Owner—Leo J. Dolan, 1404 Franklin st., Oakland.
Architect—None. \$6000

DWELLING
(275) 949 39TH ST., Oakland; 1-story 6-room dwelling.
Owner—L. Fagliano, 2788 Union st., Oakland.
Architect—None.
Contractor—Harvey Blair & Co., 3817 San Pablo, Emeryville. \$2000

DWELLING
(276) 953 39TH ST., Oakland; 1-story 6-room dwelling.
Owner—Francis Jones, 5357 Morcom ave, Oakland.
Architect—None.
Contractor—Harvey Blair & Co., 3817 San Pablo, Emeryville. \$3000

DWELLING
(277) 7427 HOLLY St., Oakland; 1-story 5-room dwelling and garage.
Owner—A. E. Orton, 5748 E-14th st., Oakland.
Architect—None. \$3250

DWELLING
(278) E 74TH AVE. NO 1832, Oakland; 1-story 5-room dwelling and garage.
Owner—A. E. Orton, 5748 E-14th st., Oakland.
Architect—None. \$3250

DWELLING
(279) 2807 MORGAN St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$3125

BUILDING CONTRACTS

Alameda County

26	Boswell	McGreger	40000
27	Realty	Cormack	950
28	Same	Rowland	8875
29	Adelison	Hambleton	1025
30	Blumenfeld	Jasper-Stacy	26618
31	Langley	Clinton	100580

32	Langley	Otis	4085
33	Vaughn	Christensen	14000
34	Pike	Campbell	433

OIL STATION
(26) SW FORTIETH AND BROADWAY Oakland. All work for oil station, stores and apartments.
Owner—Carroll Boswell, 3997 Broadway, Oakland.
Architect—None.
Contractor—Danver McGregor.
Filed Feb. 4, 1928. Dated Oct. 3, 1927.
ESTIMATED COST + 10% \$40,000
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

RESIDENCE
(27) NW SNAKE ROAD AND MAGELAN AVE., Oakland. Stone work for residence.
Owner—Realty Syndicate Co., 1440 Broadway, Oakland.
Architect—James D. McCreedy, Berkeley
Contractor—Robert M. Cormack, 796 Mandana Blvd., Oakland.
Filed Feb. 4, 1928. Dated Jan. 27, 1928.
Material delivered at site.....\$475
Stone work completed..... 475
TOTAL COST, \$950
Bond, limit, forfeit, plans and specifications, none.

(28) ALL WORK EXCEPT STONE work on above.
Contractor—Rowland & Rowland, Berkeley.
Filed Feb. 4, 1928. Dated Jan. 27, 1928.
Frame up\$2218.75
Brown coated 2218.75
When completed 2218.75
Usual 35 days..... 2218.75
TOTAL COST, \$8875.00
Bond, \$4437.50. Surety, Eagle Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(29) W BENTON ST. 66.70 N Encinal Ave., Alameda. All work for painting and paper hanging for residence.
Owner—Addison Corporation, 1441 Franklin St., Berkeley.
Architect—None.
Contractor—Fred Hambleton, 1005 Chatham St., Oakland.
Filed Feb. 6, 1928. Dated Feb. 1, 1928.
Painting done on upper floor..... 30%
Exterior done 30%
When completed 30%
Usual 35 days..... 10%
TOTAL COST, \$1025
Bond, \$1025. Surety, Fidelity & Deposit Co. of Maryland. Limit, 45 days. Forfeit, \$20 per day. Plans and specifications, none.

THEATRE
(30) S THIRTY-EIGHTH AVE 104.15 E Angelo Ave., Oakland. All work for Class C theatre and store building.
Owner—Max Blumenfeld and Laurence Hyman Goldsmith, 298 Turk St., San Francisco.
Architect—William I. Garren, 1606 De Young Bldg., San Francisco.
Contractor—Jasper-Stacy Co., 216 Pine St., San Francisco.
Filed Feb. 6, 1928. Dated May 28, 1927.
Ready for plaster.....\$13,309.00
When completed 6,654.50
30 days after 6,654.50
TOTAL COST, \$26,618.00
Bond \$13,309. Sureties, John L. Lilienthal and Harold H. Reyman. Limit, 130 days. Forfeit, none. Plans and specifications filed.

BUILDING
(31) SW NINTH & CASTRO Sts., Oakland; general construction on 3-story and basement reinforced concrete building.
Owner—Langley & Michaels Co., 50 1st st., San Francisco.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Clinton Construction Co., 903 Folsom st., S. F.
Filed Feb. 7, 1928. Dated Jan. 30, 1928
7th of each month75%
36 days after completion.....25%
TOTAL, COST \$100,580
Bond, \$49,600; surety, Pacific Indemn. Co; limit, 90 days; forfeit, \$30 per day; plans and spec. filed.
Permit applied for.

(32) INSTALLING ELEVATORS ON above.
Contractor—Otis Elevator Co., Russ Bldg, San Francisco.
Filed Feb. 7, 1928. Dated Jan. 30, 1928
Guides are placed\$ 600
Delivered at bldg. 1900

Completed 560
 36 days after completion 1025
 TOTAL COST \$4085
 Bond, forfeit, none; limit 90 days; plans and spec. filed.
FACTORY
 (33) E HOLLIS St. 250 N Park ave., Emeryville; general construction on 1-story brick factory bldg.
 Owner—C. W. Vaughn, 3055 Hillegass, Berkeley.
 Architect—A. R. Froberg, Ray Bldg., Oakland.
 Contractor—H. J. Christensen, 519 Bay Bldg., Oakland.
 Filed Feb. 8, 1928. Dated Feb. 8, 1928
 Brick walls up \$3599
 Roof on 3500
 Completed 3509
 Usual 35 days Balance
 Total cost guaranteed not to exceed \$14,090
 Bond, forfeit, none; limit, 40 days; plans and spec. filed.

ADDITION
 (34) 1065 GLEN DORA Ave., Oakland; all work addition to present bldg.
 Owner—Mr. and Mrs. J. Stanley Pike, Oakland.
 Architect—None.
 Contractor—Ernest H. Campbell, Oakland.
 Filed Feb. 8, 1928. Dated Feb. 2, 1928
 Completion \$150
 March 28 50
 1st of April, May, June July 50
 August 1 33
 TOTAL COST \$437
 Bond, forfeit, none; limit 15 days; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded **Accepted**
 Feb. 1, 1928—LOT 57 HOPKINS 23 Acre Tract, Oakland. O L Burritt to whom it may concern. Feb. 1, 1928
 Feb. 1, 1928—LOT 189 BLK K, Fernside, Alameda. Karl S Frederickson to whom it may concern. Jan. 30, 1928
 Feb. 4, 1928—1108 MILLER AVE, Berkeley. Jack W Thornburg to whom it may concern. Feb. 2, 1928
 Feb. 4, 1928—LOT 24 BLK 37 Amended map of Fairmont Park, Berkeley Jeannette L Dunster to whom it may concern. Feb. 2, 1928
 Feb. 4, 1928—1517 76TH AVE, Oakland Geo Rischmuller to whom it may concern. Feb. 1, 1928
 Feb. 4, 1928—1511-15-17-19-21 HOPKINS St., Oakland. Securities Inc Corp of Oakland to Charles J Fee et al. Feb. 2, 1928
 Feb. 4, 1928—LOTS 9 & 10 & PTN lots 8 and 16 blk B Ames Aract, Oakland. Hillcrest Hospital Inc to Gunn, Carle & Co. Jan. 28, 1928
 Feb. 2, 1928—LOT 7 BLK D, Country Club Acres, Oakland. C Victor Smith to whom it may concern. Jan. 31, '28
 Feb. 3, 1928—PTN LOTS 17 AND 18, Blk 10, Key Route Heights, Oakland. L L Cherrington to whom it may concern. Feb. 2, 1928
 Feb. 2, 1928—LOT 3, HOLLY TRACT Hayward. Addie O Starr to Jacob Meek Jan. 30, 1928
 Feb. 2, 1928—W SHATTUCK AVE bet Baneroff way and Durant ave, Berkeley. T W Cordes Inc to Chas H McCullough. Feb. 1, 1928
 Feb. 2, 1928—61 FAIRMONT AVE, Oakland. James Lanyon to A E Orton Master Bldrs Inc. Jan. 27, 1928
 Feb. 7, 1928—PTN LOTS 2 & 3 BLK V Iveywood, Oakland. Guido Panconi to Karl Trippell. Feb. 6, 1928
 Feb. 7, 1928—SE LINE BEGIER AVE 160 NE E-14th st., Oakland. Angelo Parenti to Karl Trippell. Feb. 6, 1928
 Feb. 7, 1928—LOT 46 BLK 8, North Cragmont, Berkeley. Dorothy G Hoop-

er to F Pemberton. Feb. 3, 1928
 Feb. 7, 1928—LOT 3, HAMPTON Highlands tct, Oakland. Eugene S May to Walter L. Brodrick. Jan. 10, 1928
 Feb. 7, 1928—241 THE UPLANDS, Berkeley. Clara W Bumsted to Herbert K Schulz. Jan. 30, 1928
 Feb. 7, 1928—1074 67TH ST., Oakland Francis Jones to J L Leeper. Feb. 7, 1928
 Feb. 7, 1928—NE ADDISON & BONAR sts., Berkeley. A L Lenderman and S F Lason to S F Lason. Feb. 7, 1928
 Feb. 6, 1928—1251 SUNNYHILLS RD, Oakland. J F McCorkle to whom it may concern. Feb. 6, 1928
 Feb. 6, 1928—LOT 18 RESUB BLK 8 Rock Ridge Terrace, Oakland. Myra E Bell to whom it may concern. Feb. 2, 1928
 Feb. 6, 1928—368 49TH ST, OAKLAND Salvatore Toschi to Egidio Evangelisti and Adolfo Carruccini. Feb. 4, 1928
 Feb. 6, 1928—FRUITVALE, 1ST St. and Clinton Station, Oakland. Southern Pac Co to Hutchinson. Jan. 28, 1928

LIENS FILED

Alameda County

Recorded **Amount**
 Feb. 4, 1928—NE LENOX AND VAN Buren Aves, Oakland. T J Garvey vs Mrs. Bertha Hanlon and G Robert Sterne. \$20
 Feb. 4, 1928—LOT 81 Unit C, Oak Knoll, Unit 3 Oak Knoll, Oakland. Atlas Construction Co vs E M Bergsten. \$196.15
 Feb. 2, 1928—1764 10TH ST, OAKLAND Frank J Roberts vs Joe and Grace Fazio. \$175
 Feb. 2, 1928—NE 1/4 OF SW 1/4 SEC 6 twp 4 S Range 3 E, Murray twp. Geo F Tubbs vs Walter J and Anna M Holm, Victor De Lucchi. \$73.12
 Feb. 2, 1928—1922 BROADWAY, Alameda. S E Smith vs Maud Hollister, E Hollister. \$111.92
 Feb. 2, 1928—244 VINCENTE ROAD, Oakland. Henry Martin vs Mario G and L D Smith. \$296.50
 Feb. 1, 1928—LOTS 9 & 10 BLK 17, Electric Loop Tract, Oakland. J E Carlstrom vs Geo J Webber. \$802.60
 Feb. 1, 1928—LOT 20 BLK N, Colonial Acres, Eden Twp. C D Clarke vs G L and Maude Patterson, C W Older & Co. \$34.75
 Feb. 7, 1928—LOT 35 BLK 9, MAP OF Blk 9 of ptn of blks 3 and 8, Thousand Oaks Heights, Berkeley. Alfred and Alma Bernhard vs H F Allen. \$100
 Feb. 7, 1928—344 VINCENTE ROAD, Oakland. R O Brown vs L D Smith. \$98.65
 Feb. 7, 1928—LOT 54, PARK BLVD Terrace, Oakland. General Mill and Lumber Co vs Edgar E and C A Tonnell. J H Hardy, Pacific Lumber Mills. \$762.25
 Feb. 7, 1928—PTN LOT 9, MAP PTN of Highland Park, Hans Johnson vs W B Fink. \$45
 Feb. 7, 1928—LOT 62 BLK 8 N Cragmont, Berkeley. Pacific Mfg Co vs H B Wintringham and O F Lyon. \$83
 Feb. 6, 1928—LOT 67, WEST BROAD-moor Extension, San Leandro. Ambrose Bros vs R W Brown. \$81.75
 Feb. 6, 1928—LOT 5 BLK E, Mulford Gardens. Jas C Martin vs Frank M Proethero. \$45
 Feb. 6, 1928—LOT 5 BLK E Mulford Gardens, Dudley Burmingham vs Frank M Proethero. \$77
 Feb. 6, 1928—344 VICENTE ROAD, Oakland. Sunset Lumber Co vs Marian S Smith, L D Smith. \$1425.71

Feb. 6, 1928—SW UNIVERSITY AVE and Shattuck ave, Berkeley. Contra Costa Bldg Materials Co vs Bank of Italy Nat Trust & Svcs Assn, Ray Construction Co. \$15

RELEASE OF LIENS

Alameda County

Feb. 1, 1928—E BAKER 70 N BAY N 40 E 118.9 S 10 W 25 S 30 W. Smith Lumber Co of San Francisco; J S Guerin & Co; and E M Hundley to James Witt Dougherty and M C Ingraham.
 Feb. 1, 1928—E BAKER 70 N BAY N 40 E 118.9 S 10 W 30 W 95.9 to beg H C Knoll to—
 Jan. 31, 1928—NO. 230 BADEN AVE. H R Cinnamon to Frank Shodry.
 Jan. 30, 1928—W POLK 36.3 N Chestnut N 27 x W 85. John Cassaretto or Casaretto to Salvatore Trantacosta
 Feb. 2, 1928—LOTS 5 AND 6 BLK 21, Map No. 5, Shattuck Tract, Berkeley. Sunset Lumber Co to Dragomir and Anna Kenareff and M J C White. \$643.98

OAKLAND BUILDING SUMMARY

Following is a segregate report of building activities in Oakland during the month of January, 1928, as compiled by A. S. Holmes, city building inspector

Class of Bldg.	Permits	Cost
1S Dwellings	91	\$258.85
1S Dwelling and store	1	4.00
1S 2-fam. dwelling	1	5.00
2S Dwellings	9	77.38
2S Apartments	3	29.00
3S Apartments	3	190.00
1S Stores	3	7.80
1S Warehouse	2	10.50
1S Bath house	1	60
1S Office	1	2.00
1S Comfort station	1	37
2S Storeroom	1	65
1S Tile restaurant	1	1.20
1S Tile garage	1	75
1S Tile boiler room	1	13
1S Tile service station	2	1.55
Tile Addition	1	6.50
1S Brick stores	1	9.55
1S Brick garage	1	10.00
1S Brick whse.	3	35.00
1S Brick Dyeing and Cleaning works	1	8.00
Brick addition	1	80
1S Brick and Tile serv. sta.	1	1.50
1S Brick and tile garage	1	1.80
1S Brick & conc. ser. sta.	1	1.00
2S Con. school	1	75.20
4S Con. apartments	1	75.00
6S Con. club house	1	260.00
Con. bunkers	1	40.00
1S Con. & steel ser. sta.	1	1.50
2S Con. & tile stores	1	9.00
1S Steel ser. station	1	75
Steel storage tank	1	80
Billboards	79	4.04
Electric signs	72	8.53
Roof signs	4	5.22
1S garages and sheds	125	24.98
Additions	64	39.90
Alterations and repairs	112	67.56
Total	547	\$1,289.75

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
 ON LAHONDA ROAD, San Mateo, all work on 2-story residence.
 Owner—Charles E. Ruyner.
 Architect—John White, 163 Sutter st., S. F.
 Contractor—Weeden Bros., Menlo Park.
 Filed Feb. 4, 1928. Dated Jan. 24, 1928
 Framed \$9006.50
 Plastered 9006.50
 Completed 9006.50
 Usual 35 days 9006.50
 TOTAL COST \$36,266
 Bond, forfeit, none; limit, 120 working days; plans and spec. filed.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 2, 1928—LOT 40 BLK 28, Vista
rand. A J Dalton to whom it may
concern.....Feb. 2, 1928
Feb. 3, 1928—LOT 10 BLK 6, Burlin-
game. Charles Hammer to whom it
may concern.....Feb. 2, 1928
Feb. 3, 1928—LOT 16 BLK 5, Wood-
side Glens. Albert L Palmtag et al
to whom it may concern.....Feb. 3, 1928
Feb. 3, 1928—LOT 4 BLK 1, Menlo
Park Terrace, Menlo Park. Jean R
Bohm et al to whom it may concern
.....Feb. 3, 1928
Feb. 3, 1928—LOT 121, Burlingame
Gate, Burlingame. Fred O McKay to
whom it may concern.....Feb. 1, 1928
Feb. 4, 1928—LOT 15 BLK 18, Vista
Grand. Paul Duerne to whom it
may concern.....Feb. 4, 1928
Feb. 4, 1928—LOT 16 BLK 18, Vista
Grand. Paul Duerne to whom it
may concern.....Feb. 4, 1928
Feb. 4, 1928—LOT 16 Part Lot 15 Blk
5, Vista Grand. Alfred Sugden to
whom it may concern.....Feb. 1, 1928
Feb. 4, 1928—LOT 20 Part Lot 19 Scenic
Heights No. 1, San Mateo. A J
Harwood to John Curry.....Feb. 4, 1928
Feb. 4, 1928—LOT 25 BLK 29, Vista
Grand. Chas H Duerner to whom it
may concern.....Feb. 4, 1928
Feb. 4, 1928—LOT 3 BLK 65, Easton
Addition. Sydney Britton to whom it
may concern.....Feb. 2, 1928
Feb. 4, 1928—LOT 16 BLK 4, Burlin-
game Villa Park, Burlingame. In-
gvard Sorenson to whom it may con-
cern.....Feb. 3, 1928
Feb. 4, 1928—LOT 23 BLK 4, Burlin-
game Shore Land Co, Burlingame.
Ingvard Sorenson to whom it may
concern.....Feb. 3, 1928
Feb. 4, 1928—LOT 11 BLK 8, Redwood
Highlands. Thomas Nelson to whom
it may concern.....Jan. 27, 1928
Jan. 31, 1928—LOT 21 PART LOT 22
blk 17 Huntington Park, Chas L How-
ard to Hugh F Hall.....Jan. 13, 1928
Jan. 31, 1928—LOT 25 BLK 2 Burlin-
game Grove. A G Saffite to whom it
may concern.....Jan. 28, 1928
Jan. 31, 1928—LOT 1 BLK 53 Easton
K E Paul to whom it may concern.....
Jan. 30, 1928
Jan. 31, 1928—LOT 2 SUB LOT 296 San
Mateo Park, Sengfeld & Olund to
whom it may concern.....Jan. 27, 1928
Feb. 2, 1928—PART LOT 2 BLK 24,
Oak Knoll Manor, Fred Burton et al
to whom it may concern.....Jan. 31, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Accepted
Feb. 3, 1928—LOT 32 BLK 10, San
Bruno Park. J Rossi, \$194.25; San
Mateo Feed & Fuel Co, \$315.63 vs
John McBeth Linklater et al
Jan. 31, 1928—2 ACRES M OR L ON
State Highway San Carlos. G H Vi-
cars vs Smack Beverage Co.\$227.50
Feb. 1, 1928—LOTS 1 & 2 BLK 4 Dum-
barton Park F B Helvie et al vs P
M Schoenfeld.\$155

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Accepted
Feb. 2, 1928—PART LOT 21 BLK 124,
South San Francisco. South City
Lumber Co to Charles Bollazzl et al
.....\$278.79
Feb. 1, 1928—LOT 11 BLK 7 Hunting-
ton Park, San Bruno Lumber & Sup-
ply Co \$402.61; Charles L Howard
\$62.75; Harry Rodgers \$270; E Par-
raguez \$135. to Carl O Lindberg.

BUILDING PERMITS

REDWOOD CITY

DWELLING. 1-story basement and gar-
rage, \$4000; 1039 Jefferson ave., Red-
wood City; owner, Earl D. Baird, 198
Oliver st.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 30, 1928—NW SHERIDAN SW
2nd SW 50 x NW 100 ptn lot 4 blk
2 Hauxhurst Addn, Palo Alto. W Bell
to whom it may concern. Jan. 28, 1928
Jan. 30, 1928—LOT 7 BLK 80 Sherman
Park Tract, Sarah W Treat to whom
it may concern.Jan. 27, 1928
Jan. 30, 1928—LOTS 40 & 41, PALM
Tract. Gaspare Bono et al to whom
it may concern.Jan. 30, 1928
Jan. 31, 1928—SW JONATHAN AVE
375 SE Pine ave. E H Parker to
whom it may concern.Jan. 30, 1928

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Jan. 30, 1928—W ASHBY AVE 150 S
Hamilton ave S 50 x 263.50 ptn lots
16 to 21 Ashby Addn, Palo Alto.
Sunnyvale Plumbing & Heating Co
to Vincent Fetzman et al
Jan. 30, 1928—LOTS 54 & 55 Ford Gar-
den Lots. Snyder-DuBrutz Co to M
Lamantia.

BUILDING CONTRACTS

SONOMA COUNTY

RECORDED

BUNGALOW
314 EUCILLE Corner Ravenswood; all
work on bungalow.
Owner—Charles Webster.
Architect—None.
Contractor—J. L. Drysdale.
Filed Feb. 5, 1928. Dated Feb. 2, 1928
When completed, final\$3700
Bond, limit, forfeit, none; no plans or
spec. filed.

RESIDENCE

LOT 5 BLK 3 HIGH SCHOOL Park
Addn; all work on one-story and
basement residence.
Owner—Giovanni Bellora, South San
Francisco.
Architect—None.
Contractor—A. Pianca, South San Fran-
cisco.

Filed Feb. 3, 1928. Dated Feb. 1, 1928

Roofed\$875
Plastered875
Completed875
Usual 35 days875

TOTAL COST \$3500
Bond, \$2750; sureties, Lui Varni and S
Pianca; limit 90 working days; forfeit,
none; plans and spec. filed.

CLEANING PLANT

228 SOUTH A St., Santa Rosa. all
work on concrete bldg. for cleaning
works.

Owner—A. J. Homann, Santa Rosa.
Architect—None.
Contractor—S. P. Moody & Sons, Santa
Rosa.

Filed Feb. 1, 1928. Dated Feb. 1, 1928
Foundation in place\$1500
Concrete poured1500
Concrete floors in1400
When completed250

TOTAL COST \$4650
Bond, forfeit, none; limit, 90 days; plans
and spec. filed.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

BUILDINGS
LOT 1 BLK 94, West of Centar St.,
Stockton. All work for two one-
story buildings.
Owner—Thomas P. Freeman and Albert
O. Cannon, Stockton.
Architect—None.
Contractor—John J. Cavanagh.
Filed Feb. 4, '28. Dated Feb. —, '28.
TOTAL COST, \$7742
Bond, none. Limit, 60 working days.
Forfeit, plans and specifications none.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
Jan. 20, 1928—MILL VALLEY, Joseph
J Cuneo and wife to Melvin Klyce.....
.....Jan. 28, 1928
Jan. 30, 1928—SAN RAFAEL, Clara
C Duffy to Frank H Allen Inc.....
.....Jan. 28, 1928
Feb. 1, 1928—SAN ANSELMO. E W
Ruhl to whom it may concern.....
.....Jan. 10, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
Jan. 31, 1928—ON REDWOOD HIGH-
way one-eighth mile N city limits of
Petaluma. Emma L Keller to Oscar
Johnson.Jan. 27, 1928

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 31, 1928—LOT 18 RESUB Brueck
Tract. Elmer F Uthe and wife to
whom it may concern.Jan. 24, 1928

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
Jan. 31, 1928—PART LOT 33, BLK 11
Monterey. A R Kinsman to whom
it may concern.Jan. 27, 1928
Jan. 27, 1928—SW 43 LOT 11 BLK 24
Little's Survey of New Monterey.
Josephine Maria Brucia to T S
Drake.Jan. 25, 1928

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

SEPARATOR
FRONT AND T STS., Sacramento. All
work for lampblack separator.
Owner—Pacific Gas & Electric Co., 11th
and K Sts., Sacramento.
Architect—None.
Contractor—M. A. Jenkins, 3560 Y St.,
Sacramento.
Filed Feb. 2, 1928. Dated Jan. 25, 1928.
TOTAL COST, \$5668

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room
where plans and specifications may be filed by Architects, Engineers and
Owners for the convenience of bidders in San Francisco and the Bay Coun-
ties.

Architects, Engineers and Owners are invited to forward plans of
their projects to BUILDING AND ENGINEERING NEWS. No charge for
this service. The plans will be returned in good condition when contract
for work is let.

RELEASE OF LIENS

MONTEREY COUNTY

Recorded	Amount
Jan. 30, 1928—LOT 8 BLK 17 Map Town of Gonzales, Monterey. Snelble-Tavernetti Co to Rafael Santiago.	\$414.06

BUILDING PERMITS

SACRAMENTO

CLEANING and dyeing works, \$5300; No. 2414 25th St., Sacramento; owner Walter Campbell, 800 R St., Sacramento.

RESIDENCE, 6-room and garage, \$3500; No. 2644 17th St., Sacramento; owner, John O. Froling, 409 El Camino Ave., Sacramento.

RESIDENCE, 7-room and garage, \$6500; No. 2624 Fourth Ave., Sacramento; owner, G. O. Griffith, 4215 12th Ave., Sacramento.

SIGN, \$1000; No. 3101 P St., Sacramento; owner, Libby, McNeil Co., Premises; contractor, General Petroleum Co., West Sacramento.

RESIDENCE, 5-room and garage, \$2500; No. 2108 Thirty-sixth St., Sacramento; owner, Arthur E. Mohr, 2609 Castro Way, Sacramento.

RESIDENCE, 5-room and garage, \$3500; No. 3733 Jeffery Way, Sacramento, owner, D. Nicklin, 3796 Jeffery Way, Sacramento; contractor, Wm. T. Martin, 3717 Pacific Ave., Sacramento.

RESIDENCES (2) 6-room and garages, \$3500 each; No. 1849-1853 Castro Way, Sacramento; owner, E. S. Turpen, 1713 Burnett Way, Sacramento.

RESIDENCE, 6-room and garage, \$3950; No. 616 46th St., Sacramento; owner, J. A. Haworth, 1528 T St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 561 Palo Way, Sacramento; owner, N. H. Lund, 3300 Cutter Way, Sacramento.

RESIDENCE, 6 rooms and garage, \$3700, 1801 Castro way, Sacramento; owner, J M Adams, 1840 2nd ave.

RESIDENCE, 6 rooms and garage, \$4000; 1133 Fremont way, Sacramento; owner, W A Stakes, 2501 1st ave.

COFFEE factory, \$7000; 1830 C st., Sacramento; owner, Chas. Grosch, 3515 Curtis Park dr; contractor, J E Chesson, 2559 16th.

RESIDENCE, 6 rooms and garage, \$4750; 2665 Castro way, Sacramento; owner, Watson & Brownie, 2719 5th ave.

RESIDENCE, 4-room and garage, \$2500; No. 1043 Fifty-sixth St., Sacramento; owner, Klein Realty Service, 1009 8th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Feb. 2, 1928—LOTS 113 AND 114 Monta Vista Tract, Sacramento. George and Grace Smith to whom it may concern.....	Feb. 1, 1928
Feb. 2, 1928—N 61 FT. LOT 233 and W 20 ft. of N 61 ft. Lot 234 Blk I sub of Blks L and M, Oak Grove. Chas E Votaw to whom it may concern.....	Jan. 30, 1928
Feb. 2, 1928—LOT 22 BLK 4, Vina Vista Tract, Sacramento. E R Sigler to whom it may concern.....	Jan. 31, 1928
Feb. 2, 1928—PTN LOT 18, Columbia Terrace ex W ly 40 ft., Sacramento. Howard H and Lula May Hooper to whom it may concern.....	Feb. 2, 1928
Feb. 2, 1928—LOT 273 S Curtis Oaks Sub No. 6, Sacramento. Creed H Wainscott, Ralph Frances and Chas C Steinagel to whom it may concern.....	Jan. 31, 1928
Jan. 27, 1928—PPY UNDER LEASE from Central Pacific R R Co. Southern Pacific Co to whom it may concern.....	Jan. 25, 1928
Jan. 28, 1928—W 5 ACRES TCT 55 Carm Col, Charles and Nellie May Smith to whom it may concern.....	Jan. 28, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Jan. 31, 1928—LOT 163 GARDEN Land Sacramento. Sacramento Lumber Co vs William B Steel, N Sacramento Land Co, John Doe, et al.	\$460.
Jan. 30, 1928—TCTS 22 AND 23 OAK Knoll, Mapes Lumber Co vs John and Lydia McKinney	\$201.
Jan. 30, 1928—LOT 73 Burlingame Terrace, Sacramento. Mapes Lumber Co vs Vernon L and Louisa M Axtell.....	\$645.

Notice of Non-Responsibility

SACRAMENTO

Feb. 2, 1928—LOT 1, K, L, 13th and 14th Sts., Sacramento. P L and Ma T Lykins as to improvements property.

COMPLETION NOTICES

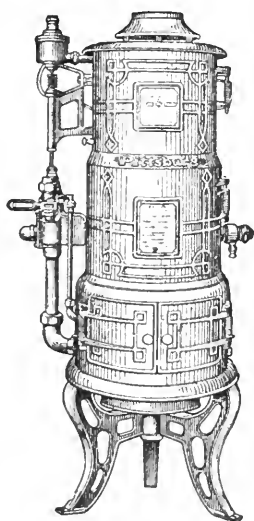
FRESNO COUNTY

Recorded	Accepted
Feb. 2, 1928—LOT 5, S HALF LOT 4 blk 1 Buena Vista Add, Fresno Richard Muldoon to whom it may concern.	Feb. 1, 1928
Feb. 4, 1928—LOT 11 BLK 12 N Park Terrace, Fresno, Richmond Wallace to whom it may concern Feb. 2, 1928	Feb. 2, 1928
Feb. 6, 1928—LOTS 14, 15 BLK 2 Blackstone ave Tr No 2. A C Compton to whom it may concern.	Feb. 4, 1928

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Feb. 4, 1928—LOTS 26 TO 29 BLOCK 5 Fresno, A Yazijian vs S Tripolitis.....	\$1



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames, and Mouldings

JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904 San Francisco



BUILDING *and* ENGINEERING NEWS

Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., FEBRUARY 18, 1928

Published Every Saturday
Twenty-eighth Year No. 7

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., FEBRUARY 18, 1928

Twenty-eighth Near No. 7



15-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
an Francisco Post Office under act of
Congress of March 3, 1879.

STATE COURT CANNOT REVIEW ACT OF WATER COMMISSION

The right of superior courts to review the acts of the California State Water Commission in passing on applications to appropriate water was recently declared unconstitutional by the California State Supreme Court and that section of the state water act that specifies that superior courts have the right to review the acts and decisions of the State Water Commission, upholding or reversing them, was declared null and void. The State Water Commission is an administrative body of the state government, the Supreme Court held, and a judicial body such as a superior court has no legal right to review its acts except to determine whether its jurisdiction has been exceeded.

The matter was brought into court when the Water Commission granted the Mojave Irrigation District rights of appropriation on the Mojave river. Riparian owners protested and asked for a review by the Superior Court. The irrigation district petitioned the Supreme Court and secured a writ of prohibition preventing the Superior Court from granting the review.

The section of the state water act that is declared unconstitutional is Amendment I-B, passed by the Legislature in 1923, which provides that "persons interested in any application for a permit to appropriate water may bring an action in the Superior Court for a review of the Water Commission's order within thirty days after the order is made."

ARCHITECT LOSES SUIT

Eugene Seadler, Sacramento architect, lost his suit at Woodland, Calif., against E. J. Stevenson, Woodland automobile dealer, for \$750, the alleged balance due on plans and specifications for the construction in Woodland of a new garage for Stevenson. Superior Judge W. A. Anderson entered judgment in favor of Stevenson, declaring Seadler had not presented sufficient evidence to support his claim.

ORGANIZED LABOR WILL WAR ON INJUNCTION

Organized labor, in its fight against the use of the injunction in labor disputes, will seek federal and state legislation to exclude labor contracts from classification as property, William Green, president of the American Federation of Labor, announces.

"Labor is confronted with one of the most serious menaces of its long career," he declared at a mass meeting in Cooper Union, New York. He said that more than 600 injunctions had been granted against labor in 1927.

"We propose to fight this thing out to the end," he said, "for the use of the injunction has reached such proportions that it has become an instrument with which working men are being reduced to a condition bordering upon involuntary servitude."

"We will hold meetings everywhere and will rouse the people to the real danger which they face. We will seek legislative relief in congress and in the state legislatures, and we will play a more important part than ever before in the national election campaigns which are just ahead of us."

He said labor was not opposed to a proper use of the injunction to protect property, but was opposed to classifying as property the contract between the laborer and his employer.

JOHN B. LEONARD SLATED FOR BUILDING INSPECTOR

John B. Leonard, civil engineer, has been recommended as the successor of the late John P. Horgan, as chief building inspector of the City and County of San Francisco. In a letter to City Engineer M. M. O'Shaughnessy, Mayor Rolph submitted the name of Leonard.

It is said that Mr. Leonard has the endorsement of the San Francisco Builders' Exchange, the Down Town Association and local engineering societies.

"In recommending the appointment of Mr. Leonard to this position, I have acted on the belief that the city needs a first-class engineer at the head of the Building Inspection Department," said the Mayor. "Building nowadays is an engineering problem, and with the tremendous growth of this city and the vast number of steel frame and reinforced concrete buildings, it is necessary to have technical men in charge of the inspection."

ENGINEERING MEDALS AWARDED

Medals for distinguished achievement in engineering have been awarded General John J. Carty, vice president of the American Telephone and Telegraph Co., and Dr. William D. Coolidge, assistant director of the research laboratory of the General Electric Co.

General Carty will receive the John Fitz medal for "pioneer achievement in telephone engineering," and Dr. Coolidge the Edison medal "for his contributions to the incandescent lighting and X-rays arts" at the annual winter meeting of the American Institute of Electrical Engineers in New York, February 15th.

Previous recipients of the Fritz medal include Thomas A. Edison, Guglielmo Marconi, Orville Wright and General George W. Goethals. The Edison medal has been awarded to Alexander Graham Bell, Professor Michael I. Pupin, and George Westinghouse, among others.

SAVING PUBLIC MONEY IN SCHOOL BUILDING

That thousands of dollars of public tax moneys could be saved by scientific planning of school buildings, particularly in the rural districts of California, was the statement of Andrew P. Hill of Sacramento, chief of the division of school planning of the state department of education, before the Rotary Club at Stockton.

Hill explained that recently the state had taken over the supervision of school construction outside of the larger cities. It is assumed, he said, that the larger cities through experience in school building construction, have developed efficiency and are able to avoid mistakes. In smaller communities, he said, costly mistakes have often been made through improper construction, location and failure to ascertain the real needs of the district.

The State now requires all school districts outside the larger cities to submit drafts of school plans preliminary to proceeding with construction. These are checked to determine their sufficiency to meet needs; also the ability of the district to finance the enterprise.

Hill said that the location of sites should be determined only after surveys have been made. In some communities, he said, boards have been anxious to place school buildings in conspicuous locations, expressing their community pride. He told how his department had found where one district had purchased a site fronting on a main highway with traffic passing within thirty-five feet of the proposed building line. Immediately in the rear ran the Southern Pacific railroad. The State authorities convinced the board that the site should be sold and one more suitable to the needs of education purchased instead.

The speaker declared that education is the world's most important need and urged that every consideration and attention be given to this cause.

ELECTRICAL INTERESTS ELECT

D. E. Harris of San Francisco was elected chairman of the Pacific Division, Electrical Supply Jobbers' Association, at the concluding session of the organization's convention at the Hotel Del Monte. H. L. Harper was elected national executive committeeman to represent the Pacific Coast. Albert H. Elliott of San Francisco, for 20 years secretary, was re-elected to that post. Incidentally, this was the first meeting in 20 years at which Elliott was not present. He is now in Europe for a vacation.

ENGINEERS NAME COMMITTEE

Modesto Chapter, American Association of Engineers, has appointed a committee to work with and advise the Modesto Chamber of Commerce in mapping a program of civic development projects for 1928. The committee is composed of Jack Wieland, chairman; I. T. Ball, W. Van Winkle, H. N. Carey and M. H. Crews. Although it was not definitely decided what the committee shall work for, it was said it would probably favor development of the municipal airport, a zoning law for the city and the greater Modesto movement.

ECONOMY IN HOUSING PRODUCTION INSISTENTLY DEMANDED BY PUBLIC

"Economy of production is insistently demanded, not only in mercantile lines, but in the production of housing as well," says C. C. Moore, vice president of the American Bond & Mortgage Co.

"The economy movement has gained much impetus through the tremendous competition which is occurring in those lines where distribution as well as production, is a prominent factor.

Renting Is Problem

"The solution of the problem is of utmost importance, likewise more difficult in the building industry than in other lines, due to the fact that there is with the owner who builds for investment a different problem of distribution than that found in mercantile lines. The problem here is of renting the building. The economies to be effected lie mostly within the field of production.

"There are, however, certain economies in the production of housing which may be pointed out, and which if possible of adoption should be of the greatest benefit, not only to contractors, but to labor as well. These in turn will ultimately benefit the public.

Eliminate Selling Cost

"There is much talk among contractors about keeping down the costs of estimate jobs. It has been suggested that if contractors sell the idea of quality rather than price that much of this selling cost can be eliminated.

"Contractors have found that the best practice in securing contracts is to try only for those contracts which appear likely to be secured; to spend considerable money and concentration on getting those, rather than of adopting the practice of going after a large number of contracts which are not logical or probable. By this method it is claimed contractors secure a large number of contracts, but do not bid for so many.

Standardized Materials

"Standardization of materials and design is another place where it should

be possible to eliminate great waste. This work is going forward rapidly under the supervision of the Department of Commerce. With half an eye it can be seen that a furtherance of this work will make possible the purchase of buildings of better quality and at less cost than today. Architects can aid greatly in this as they are in a position to stop the use of expensive and over-decorative design which calls for too many special features.

"The greatest point in effecting economies is, however, labor. Wage scales are apparently standardized for the present, but the amount of work turned out by labor is by no means standardized. The unions are accomplishing much at present in increasing the amount of production of their trades, but that much more can be accomplished is apparent even by the most cursory examination.

Industrial Efficiency

"In all lines of activity today the movement is toward greater individual efficiency. This movement has been caused by stern necessity accentuated by stiff competition.

"It is reported in industrial lines that we are employing 9 per cent less labor today than we did five years ago, but that we are producing 40 per cent more in volume.

"This is in part due to the great increase in the number of machines used in our industries and in part to the desire of labor to go to work.

"In the building industry it must be remembered that to use a great number of machines is wellnigh impossible. Those trades which have to do with construction work being of such a nature that judgment, which cannot be supplied by machines, is continually demanded.

"The problem of greater economy is thus squarely up to labor. Labor must produce a greater amount of work per hour and per day thus increasing the economy of producing buildings."

MISCELLANEOUS

LIGHT AND POWER SECURITIES 1927

Electric light and power companies of the country issued new securities, the amount of \$98,850,000 in January, compared with \$223,859,000 in January, 1927, and \$303,332,500 in December, 1927, a compilation by McGraw-Hill publication shows. January financing was almost exclusively of a long term nature.

LONG ROAD BRIDGE COMPLETED

The motorist now may drive from Broadway, in New York city, to Canal street, New Orleans, without using ferry once. One of the longest causeway bridges in the world, 14.5 miles across Lake Pontchartrain, has been finished to complete the new Colonial highway. The span, five miles of which is over water cost \$5,500,000.

STATE PARK CHIEF NAMED

Chas. B. Wing of Stanford University has been selected by Fred G. Stevenson, state director of natural resources, as chief of the division of parks of the Department of Natural Resources. Mr. Wing will maintain headquarters at Sacramento. The position pays \$5000 a year. Mr. Wing is executive head of the Department of Civil Engineering at Stanford.

ROMANCE OF POWER SUBJECT OF ENGINEER'S TALK

Chas. M. Ripley, engineer, author and lecturer of the General Electric Company, will present an illustrated review of "The Romance of Power in the Little Theatre of the Memorial Auditorium at Sacramento, February 21. A generous portion of Ripley's address will be devoted to a recital of his experiences and observations during a recent tour of European countries, showing, by way of contrast with the comparatively primitive custom of some of those countries, the remarkable progress that the United States has made through the nearly-universal employment of electricity.

Ripley was an associate of the eminent Dr. Steinmetz, the electrical wizard. He is the author of several books upon power development.

There will be no admission charged, and the public is welcome.

CRACKING OF PAINT FILMS

The paint section of the U. S. Bureau of Standards has constructed apparatus for determining when a paint, varnish or bituminous coating on a metal panel has failed by cracking. Such failures can not ordinarily be seen with the naked eye unless the cracks are very bad.

The operation of the apparatus is as follows: (1) A metal panel is coated on one side with the paint. (2) A set of headphones is connected in series with the back of the panel. (3) The painted surface is stamped with a number of drops (50 in all) of a conducting solution prepared so as to wet the surface. (4) A voltage from an interrupted source is placed across the headphones and panel, and the circuit is completed by touching the return wire to the drops. If there is a break in the paint film a loud buzz will be heard in the headphones.

So far the results obtained by this method check with observations made on the paint.

FIREPROOF ROOFING ORDINANCE FINALLY PASSED BY S. F. SUPERVISORS

The fireproof roofing ordinance, a subject of debate before the San Francisco Supervisors since it was introduced Jan. 9, was approved Feb. 14 by a vote of 12 to 6.

The bill amends Section 4 of Ordinance No. 1008 and known as "The Building Law," relating to the fireproof roofing limits. The amendment provides:

The roofs of all buildings hereafter constructed within the limits hereinafter in this section described shall consist of fire-resistant materials, and whenever the covering of the roof or roofs of any building or buildings heretofore constructed within the said limits shall, in the judgment of the Board of Public Works, be or become damaged through fire, decay or otherwise, to the extent of twenty (20) per centum of the value of the area of the said covering of the roof or roofs shall be reconstructed of or replaced with fire-resistant materials. Said fire-resistant materials shall consist of the same materials required for the roof coverings of all buildings erected within the fire limits of the City and County.

Section 3. Said limits shall be bounded by a line commencing at the

intersection of the Bay of San Francisco with the easterly boundary of the Presidio reservation; thence southerly and westerly along the boundary line of the Presidio reservation to the shore line of the Pacific ocean; thence along the shore line of the Pacific ocean westerly and southerly to its intersection with the county line; thence easterly along said county line to its intersection with Mission street; thence along the center line of Mission street to its intersection with Twenty-fifth street; thence easterly along the center line of Twenty-fifth street to the center line of Potrero avenue; thence along the center line of Potrero avenue to the center line of Division street; thence along the center line of Division street to the center line of King street; thence northeasterly along the center line of King street to the center line of Seventh street; thence southerly along the center line of Seventh street to the center line of Channel street; thence northerly along the center line of Channel street to the shore line of the Bay of San Francisco; thence following the shore line of the Bay of San Francisco to the point of commencement.

This ordinance shall take effect immediately.

SIMPLIFIED PRACTICE HAS 82 PER CENT ADHERENCE — 1927 REVIEW REVEALS

Continued growth of Simplified Practice as a means of eliminating waste in industry is evidenced by the completion during the calendar year 1927, of eighteen new Simplified Practice Recommendations, thus bringing the total projects completed to eighty, according to a review of the past year's activities of the Commercial Standards Group, Bureau of Standards, by Ray M. Hudson, Assistant Director, in charge.

That simplification yields benefits sufficient to attract manufacturers, distributors and consumers alike, is demonstrated in the high degree of adherence shown by recent reviews of 15 of Simplified Practice Recommendations already promulgated. The report shows that acceptors representing an average of 2.61 per cent of the total volume of the industry effected are following the simplified practice schedules. These recommendations are subject to annual reconsideration to determine the desirability of further eliminations, substitutions or reinstatements. This procedure keeps the Simplified Practice Recommendations up-to-date and in line with the best current practice of the industry concerned.

Value Is Proven

Further evidence that simplification is proving of great value to manufacturers and purchasers is found in the increased number of associations accepting the completed recommendations. The list of associational endorers grew from 686 to 93 during the year, the individual concern, from 2775 to 6676. This means an increasing number of industrial purchasers are specifying simplified lines when buying, because they are finding that such items are usually more readily obtained; that their quality is better; and, in many instances, by reason of the savings wrought through simplification, prices are lower.

"Inasmuch as adherence to the adopted simplified practice recommendations has been most gratifying during 1927, with its increased percentage in acceptors, it is safe to assume that the percentage in adherence during 1928 will be much closer to 100 per cent. It must be remembered that savings from adoption of the simplified lines are obtained by the small manufacturers as well as the large, and also by the public. A survey of the benefits to acceptors from simplified practice

recommendations shows many cases of definite money savings, by the small manufacturers as well as the large," states Mr. Hudson.

Building Products Cited

He cites the following experiences in connection with this form of waste elimination: "One metal lath manufacturer reports reduction of \$140,000 in his inventory, while a manufacturer of eaves trough and conductor pipe reports a \$30,000 reduction in his inventory. One community reports savings of five cents per square yard, and another 25 cents per square yard, on its paving due to asphalt grade simplification. One lumber company reports reduction of \$250,000 on its inventory, another \$474,000 due to lumber standardization program. A manufacturer of concrete building units reports savings of \$11,500 per year due to simplification in his field, while another reports savings of \$500 in his office operations alone and another states it has enabled him to reduce the selling price of his product 25 per cent. Many others report better turnover, quicker delivery, and improved service to the trade as benefits accruing from simplified practice.

"During 1927 approximately 39 industries conducted preliminary conferences, looking toward the adoption of simplified practice recommendations; 18 general conferences were held; and, 24 new proposals for consideration were received.

Items To Be Reconsidered

"The Standing Committees of several industries that had already adopted Simplified Practice Recommendations for their respective commodities, held their regular annual conferences. Among the items to be re-considered were range boilers; steel reinforcing bars; concrete building units; boxboard thicknesses; woven wire fencing; hollow building tile; files and rasps; sheet steel; eaves trough and conductor pipe and terne plate; the schedules on all of which were re-affirmed without change. The terne plate conference changed the title of its recommendation to roofing terne, in order to eliminate any confusion which might arise from the fact that terne plate sheets are used for many purposes in addition to roofing, and the consumption of roofing terne plate is small compared to the volume which goes into other manufactured products."

TRADE NOTES

W. G. Aldenhagen, secretary and treasurer of the Western Pipe & Steel Co. of California, has been elected a member of the Board of Directors, succeeding C. B. Wells. Officers and the balance of the Board of Directors remain unchanged.

Richmond Plumbing & Heating Co., with headquarters at 266 Twelfth St., Richmond, has been incorporated with a capital stock of \$25,000. Directors are: C. V. Bradbury, president; Emma Bradbury and Fred L. Kreig.

Announcement is made by the State Corporation Commission that the old Mission Portland Cement Company, which last March merged with Pacific Portland Company, now in the process of liquidation, has received permission from the Corporation Commissioner to issue a liquidating dividend of 12 cents a share to its common stockholders of record January 3, 1928. The dividend payment amounts to \$39,105.

Deeds have been recorded at Mariposa showing the transfer of 320 acres of timber land on Signal Peak from H. Shaffer & Bros. of Merced to the Madera Sugar Pine Co. The land adjoins the present holdings of the purchasers and will be logged when the new operations of the timber company being on Signal Peak this spring.

John Morse, general contractor, Red Bluff, has installed equipment at his yards, 424 Jefferson st., Red Bluff, for the manufacture of concrete bricks. The plant will have a daily capacity of 1500 brick.

J. B. Casey Lumber Co. will start operating a lumber mill on the Peavine Hills northwest of Reno, Nevada, Feb. 25. The plant will employ about one hundred men in the early operations. The plant will have a capacity of approximately 100,000 board feet of lumber a day.

J. M. Belleville, vice-president and general manager of the Pittsburgh Plate Glass Company is inspecting sites in Richmond on which it is proposed to erect a plant involving an ultimate expenditure of \$5,000,000. A Pacific Coast plant is needed by the company, according to Belleville, and if a suitable site cannot be found in Richmond, other sites in the San Francisco Bay district will be considered. Some months ago the company was considering locations in Southern California.

W. Olson & Son, general contractors, formerly operating with headquarters at Santa Rosa, are completing the construction of new office quarters and storage yards on the Lakeville Highway, Petaluma. Operations of the firm will hereafter be carried on from this location.

Cotati Lumber Co., of Cotati, (Sonoma county), capitalized for \$50,000 has been incorporated. Directors are: W. C. Woodward, Cotati; Pauline Woodward, Berkeley, and M. W. McIntosh, of San Francisco.

Fred H. Smith and Geo. Y. Morton, both of San Francisco, have been granted master plumbers' licenses to operate in Redwood City. The licenses were granted at a recent meeting of the city trustees.

MATCH-END LUMBER REDUCES COSTS, TIME AND MATERIALS IN CONSTRUCTION

Savings of 25 per cent in labor costs, 5 per cent in time of construction, and 1 per cent in material and nails have been credited to the use of end-matched lumber in a small house building job by Conrad M. Chaney, Washington contractor. Dressed sheathing and sub-flooring, end-matched, were used in the house located at 2821 Myrtle Avenue. It is the first reported house construction project in the city in which end-matched lumber was used extensively.

This was a test conducted by Mr. Chaney in co-operation with S. Percy Thompson, Washington member of the National Committee on Wood Utilization of the Department of Commerce, and the Southern Pine Association End-Matched bureau. End-matching is the application of tongue and groove to the ends of lumber whereby random lengths are tightly joined. It is advocated by the committee for more general use because it is economical and reduces lumber

waste, and the experience of Mr. Chaney is considered an example of the saving possible.

The sheathing stock of 1x8" dimension, while the sub-flooring was 1x6" material. The house is of six rooms, two-story bungalow type of lumber frame construction throughout.

Mr. Thompson and Mr. Chaney gave unqualified endorsement to the use of end-matched lumber. The saving which is accomplished in labor costs alone justifies the use of this stock, Mr. Chaney declared. He stated that since this, his first test of the material, has been so successful he plans to use end-matched lumber at every opportunity. Mr. Chaney is widely known for residence construction in Washington, and his adoption of end-matched lumber was taken by members of the Committee as heralding a new era in small house construction in this vicinity.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Amendment of the Chicago, Ill., building code to require all new buildings to provide adequate automobile storage space for the cars of its occupants has been proposed by a city traffic engineer as another step in the solution of the traffic congestion problem.

Unfilled steel orders of the U. S. Steel Corp. at the close of January amounted to \$4,275,947 tons, an increase of 303,072 tons compared with the end of the preceding month. This is the first time the unfilled tonnage figures have crossed the 4,000,000 mark since March, 1926.

According to word from Sonora, the Pickering Lumber Company will be the purchaser of 14,000,000 feet of government timber to be cut in the Stanislaus National Forest. Bids are now advertised for the sale. The greater part of the timber is yellow pine and the cutting is to be done with caterpillars. The cutting in the Stanislaus Forest, it is stated, will this year be confined to the tracts furnishing the 14,000,000 feet and some cutting at Strawberry.

Two brothers and two sisters are named beneficiaries of the estate of the late Perseo Righetti, San Francisco architect, who died February 2, and whose will was filed for probate February 14. The estate is in excess of \$100,000. The petitioner and executrix of the will is Mrs. Ida Tognazzini, a sister. The other three heirs are: Mrs. Erma Kuhl, a sister, and two brothers, Armand Righetti, and Olivio Righetti. The estate is divided evenly among them.

The third annual exhibit of architecture and the allied arts and crafts of the Architects League of Hollywood will be held at the California Art Club, Olive Hill, March 13 to 28, inclusive. Various architectural societies of Los Angeles and vicinity will co-operate in the exhibition. The general committee in charge of the affair consists of Edwin D. Martin, Verner B. McClurg, Nathan D. Coleman and Ralph C. Flewelling, the last named being chairman.

Five thousand red cedar shingles, bound in pairs, descended on the capitol and other appropriate places in the city of Washington, D. C., February 2, bearing protests against alleged tariff discrimination and seeking a better deal for the shingle man of the Pacific Northwest. Each pair of shingles bore a 14-cent postage stamp and the following inscription: "Hundreds of men are out of employment!—Families and communities are suffering because American labor cannot compete with Orientals, cedar mills idle, logging camps idle, tariff protection this session of Congress is urgent and vital!" The little wooden slabs, handled cautiously by the letter carriers to escape splinters, were postmarked Everett, Wash.

Carl E. Grunsky, San Francisco engineer, has been appointed by Secretary Herbert Hoover as a member of the American Committee to the World Congress of Engineers to be held in Tokyo in November, 1929. The purpose of the conference, the first of its kind ever held, is to promote international co-operation in the study of engineering science and problems in all its branches and to stimulate a sense of brotherhood among the engineers of the world. Secretary Hoover is honorary chairman.

Texas now has a law protecting contractors for public works from claims against their sub-contractors. The law provides that general contractors on public works, or their bondsmen, shall not be liable for labor or material furnished to sub-contractors on the work unless notice of such claim is filed not later than 30 days after its accrual, either with the contractor or the county clerk of the county where the work is located. The bill further provides that claims against the sub-contractor originating prior to the date of the contract by which he comes on the work cannot be set up for collection under the bond.

Construction of an \$80,000,000 dam at Kennett on the upper Sacramento river is recommended as the first unit of the California \$58,000,000 conservation water program by State Engineer Edward Hyatt Jr. Under the plans of the report, the proposed Iron Canyon reservoir was abandoned as a main unit and considered only as a subsidiary project to take care of the run-off waters between the Kennett dam and Red Bluff. The Kennett dam was preferred over Iron Canyon because its assured larger storage capacity, the report said. The reservoir would be constructed at a height of 420 feet, giving storage for 2,940,000 acre feet of water, or enough to supply all the irrigation needs of the Sacramento Valley and some of the San Joaquin Valley lands.

Manganese is a constituent of most rocks and is readily dissolved in ground water and reprecipitated. In the belt of lakes that lie along the south edge of the area covered by glaciers in the northern United States during the continental glaciation manganese and iron oxides have been found, here and there, in quantities that warranted mining. Most of these deposits have not yet been covered by sediment, but there was recently discovered in southern Idaho a minable bed of manganese oxides that had been deposited in a lake of the glacial period and later covered by 100 feet of silt. Up to May 1, 1927, it had yielded 1200 tons of high-grade manganese ore. This deposit is described in Bulletin 795-H, recently published by the Geological Survey, Department of the Interior. Proof of its ancient origin was shown by the presence of several teeth of an extinct mammoth under the bed.

Oakland city council contemplates a \$844,500 bond issue to finance the purchase of 400 acres of land to improve for public park purposes. The proposal is backed by the East Side Consolidated Civic Clubs.

To hasten the end of a friendly controversy between the city of Burlingame and E. L. Norberg, San Francisco architect, over the latter's contention that the cornice on the south side of the city hall overhangs on his property and interferes with plans for the construction of a building, the Burlingame city council has ordered City Engineer James S. James to make a survey of the city property. Considerable argument over Norberg's legal ownership of the property in question, a creek, and his rights in placing a building there, has ensued for the past month.

The construction of an international highway, linking the United States with Central and South America, is provided for under the terms of a bill just introduced in the Senate by Senator Tasker L. Oddie of Nevada. The purpose of the highway, which is sponsored by the American Motorists Association and other organizations, would not only be for better highway facilities and communication between the countries, but would be conducive of good will, Senator Oddie declared in introducing the bill.

**FRAME HOUSE BUILT IN 1660
STANDING IN N. Y.**

"How To Select Your Lumber," is the title of a comprehensive and attractively illustrated article in the February number of Popular Science Monthly. John R. McMahon, the author, was furnished much of the material for his article by the information service of the National Lumber Manufacturers Association.

McMahon lays particular emphasis on the importance of choosing the right wood for each part of the house and illustrates his points with a diagram showing where the different species should be used.

The first page of his story carries the picture of a house at Elmhurst, Queensborough, New York, built in 1660. "After 268 years" the caption reads, "there is no evidence of decay in a plank or beam of this quaint old structure, built when Uncle Sam was yet unborn."

McMahon conducts the Home Building Department of Popular Science Monthly.

**PATENT RIGHTS ARE SOUGHT ON
CONCRETE BUILDINGS**

Chas. E. McCartney, general contractor, 1560 Lincoln street, Red Bluff, has applied to the U. S. Patent Office for a patent on what he classifies as the "unli" system for construction of concrete buildings.

McCartney described his new system as involving the use of continuous reinforced concrete. Nearly devoid of the forms commonly utilized in building concrete structures, his plan calls for only light column forms in two pieces.

The first work is to space the columns and set vertical column rods in place. Then the joice are put in place and the sub-floor laid.

The next move is to set and brace the inside column forms. The pallets then are set between each column, after which the side slabs are poured with concrete on the pallets.

Two or three days will be required to set these. With the aid of a winch each pallet containing the slab is raised to a vertical position. Following this operation reinforcing laps are fastened together with clips. The end forms are set the same as the outside. Half of the column form is raised and securely bolted. The identical process is used on the four sides of the structure in the course of construction.

With the new system window frames and doors are readily cast on the pallets.

Any type of roofing can be used, though slate, at some additional expense, would render the structure more fireproof. Likewise such a building is adapted to any kind of finish used in modern construction.

McCartney declared his system could be applied to buildings of all types of structures, including dwelling houses, business blocks, warehouses, garages, etc.

ALONG THE LINE

Professor John Gregg of the Division of Landscape Design of the College of Agriculture, University of California, has been named a member of the national committee on professional registration of the American Society of Landscape Architects. The purpose of the committee is to consider the possibility and desirability of having some means of registering technically trained landscape architects, in order that the public may have some definite method of differentiating between the professional designers and simple gardeners.

W. H. Lynch, district engineer for the U. S. Bureau of Public Roads, at Omaha, has been named to succeed C. H. Purcell in the same capacity at Portland, Ore. Mr. Purcell recently resigned to become chief engineer for the California State Highway Commission.

Chas. Everett Blanchard, formerly owner of the California Construction Company of San Francisco, announces he will enter the road contracting business in Southern California, making his headquarters at San Diego.

Wendell P. and Wendell C. Hammon and Newton Cleaveland will operate from 51 California street, San Francisco under the firm name of Yuba Associated Engineers.

Francis Drake, Los Angeles labor paper editor, is being groomed as the successor to J. E. Olsted of Petaluma on the State Industrial Accident Commission.

Nels Nelson was elected president of the Hayward (Alameda County) Builders' Exchange at the regular annual meeting. He succeeds Roscoe Byrnes. George Hooson was elected vice-president, E. P. Whitman, secretary and L. R. Rosenberg, treasurer. Directors are: L. R. Rosenberg, George Hooson, Nels Quist, E. P. Whitman, Jim Willison, Carl Sorensen, George Perry and Millard Moon. Following the election a banquet was served. Vice-President Hooson acting as host.

California building and loan associations, now numbering 220, are proving to be one of the chief instrumentalities in the state in the promotion of thrift and home owning. There are now more than 350,000 members, investors and borrowers in these associations, according to California Building Loan League.

Distribution of the \$90,000 estate of E. J. Randall, Contra Costa lumber dealer, who died more than a year ago, has been ordered by Superior Judge A. B. McKenzie at Martinez. The widow, Mrs. Margaret Randall, entitled to the entire estate in the absence of a will, nevertheless agreed to assign 30 per cent of the estate to the lumber dealer's six children.

A comprehensive booklet on farm building and remodeling and farm carpentry is being prepared by the technical men of the Central Division, National Lumber Manufacturers' Association, in cooperation with advertising agencies. The outline of the booklet will be presented at the meeting of the Trade Extension Executive Committee this month and it is expected that it will be ready for distribution shortly.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

K-25-X-4202-CS WOODWORKING ENGINEERS. graduate, 5-10 years' experience with furniture designing, woodworking machinery and plant layouts. Some knowledge of cost analysis essential. Opportunity. Apply by letter, giving age, education and experience. Location, Middlewest.

K-24-X-4203-CS MECHANICAL ENGINEER, graduate with 10 years' experience familiar with woodworking, plant layouts and conveyors. Apply by letter, giving full details of experience. Location Middlewest.

R-1475-S FIELD CONSTRUCTION ENGINEER, to take charge of extensive hydraulic work in connection with Hydro-electric development in India. Foreign experience desirable and either single or willing to go as single man preferred. Salary 150 pounds sterling per month and bonus after satisfactory completion of three year contract. Apply by letter with statement of experience and references.

R-1474-S CIVIL ENGINEERING GRADUATE, with same hydraulic experience and the ability to make first class drawings and tracings. \$225 a month. Temporary. Location San Francisco.

R-1479-S STRUCTURAL STEEL DETAILER, experienced. Must be American citizen. Temporary. Local. \$250 a month.

CHICAGO IS NOW BUILDING VARIEGATED SKYSCRAPER

Chicago's first variegated skyscraper, nineteen-story apartment and exclusive shop building, is in the process of construction. It will be located on the northwest corner of State and Elm Sts. the first floor is to be of dark French blue terra cotta. The second, third and fourth floors will be a light blue green. The next ten floors will have an exterior of salmon colored face brick and the last will be trimmed in multi-colored terra cotta composed of five hues with the salmon colored face brick background. Crowning the structure will be a mansard of copper which ultimately will be a rich green through the process of oxidation. All sides of the building are to be of the same material.

No signs will be allowed to destroy the beauty of the colors, not even on the outside of the shops, the owners of the building said.

EXAMINATIONS MADE FOR CEMENT PLANT AT ALTURAS

William Russell Bryne, Los Angeles mining engineer, has completed surveys of a large area of mineral deposits on Fitzhugh Creek, just south of Alturas.

The deposits consist of a considerable area of cement-bearing rock and from samples submitted the cement manufactured from this rock formation makes a concrete unequaled for hardness.

Bryne says he will make a favorable report to his clients in Los Angeles, who may establish a \$1,500,000 plant.

Bryne's figures show that thirty cars of cement per day could be manufactured at a plant and that there is sufficient raw material in sight to keep a plant running full time for fifty years or more.

The two main owners of the claims in which these deposits are found are Clarence Schleuder and Carl Wilson of Alturas.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

John L. Sullivan, Berkeley. **ANCHORING DEVICE FOR ROOFING TILE.** This provides a device which may be handled and applied as a unit to secure the inbrex tiles in position without necessitating the addition of special members to the roof structure.

John G. Dybens, Los Angeles. **HYDRAULIC JACK.** This provides a hydraulic jack in which the cylinders forming the piston chamber and the reservoir chamber are assembled together in an improved and simplified manner. Mr. Dybens assigns his patent to Herman D. Eberle.

Edward H. Johnson, Bishop. **FIRE-PLACE.** This fireplace is so provided that it is easy to construct, assemble and install, that is strong, durable and efficient in use, and which also is adapted to conserve fuel.

Ernest H. Bucknell and Ralph E. Bletcher, Los Angeles. **VALVE.** This relates to a valve structure with renewable port control elements and pertains more particularly to a valve with an operating stem for moving a port control member into closed and open position.

ARCHITECT'S FEES AMOUNTING TO \$50,617 ASKED IN LAWSUIT

Architect's fees on a \$500,000 home, totaling \$50,617, are asked in a lawsuit filed in the Superior Court at Redwood City by Houghton Sawyer, San Francisco architect, against Robert B. and Jennie Henderson of Hillsborough.

The plaintiff alleges that a contract for the erection of a palatial residence was entered into on April 11, 1927, in which it was agreed that the architect was to receive 10 per cent of the cost, as fees.

After preliminary plans had been drawn at a cost of \$18,150, the defendants repudiated the contract, Sawyer alleges. For breach of contract he asks \$50,000.

In a second cause of action, the plaintiff asserts that a contract for the construction of a tennis court at the home was entered into in September, 1927, on which he seeks \$617. No payments have been made on either contract, Sawyer alleges.

The plaintiff is represented by the law firm of Athearn Chandler & Farmer of San Francisco.

EXISTENCE OF CEMENT MONOPOLY DENIED BY BL ROADS CHIEF

There is no evidence of a cement combine to inflate prices in the United States, the House Committee on Roads has been informed by the Chief of the Bureau of Public Roads of the Department of Agriculture, Thomas MacDonald.

"Prices for road materials are ruled solely by supply and demand," Mr. MacDonald said. "We carry heavier loads on less expensive roads than any other country in the world."

"We are perfecting the types of construction toward smaller initial costs and less maintenance costs. In the second place, due to our research work, types of roads that cost less are carrying heavier loads than ever before."

URGE INDUSTRIAL ENGINEER

Employment of an industrial engineer to bring new industries to Modesto, was urged by P. S. Bomberger in his inaugural address as president of the Modesto Real Estate Board.

HERE — THERE — EVERYWHERE

Wallace Snelgrove, general contractor, has withdrawn his membership in the Contra Costa County Builders' Exchange.

Members of the Stockton Builders' Exchange were guests of the Calaveras Portland Cement Company at the company's plant near San Andreas, Feb. 12. The delegation was headed by Wm. J. O'Keefe, president of the Stockton organization.

St. Louis cement finishers demand the five-day week, effective April 1, while the carpenters demand the same schedule, effective May 1. Employers' organization have formally protested against both proposals.

High-lights of Sacramento's major street plan of the Bartholomew Co. city planning experts, were described at a recent meeting of the Architects' and Engineers' Club of Sacramento by Jas. S. Dean, chief of the commission street-committee.

State conference of the California Master Plasterers' Association will be held at the Hotel Saint Claire, San Jose, February 20, 21 and 22. Delegates from every section of the state will attend.

Committees have been appointed by the Contra Costa County Builders' Exchange for the February 28 banquet to be held in the exchange quarters at Richmond, it is announced by L. C. Dexter, secretary of the exchange.

Cleveland bricklayers signed a two-year agreement with employers at the 1927 rate of \$1.62½ per hour.

As a further effort to keep fly-by-night competition out of Salinas, the city council has voted to raise the license for master plumbers from \$20 to \$100 per year, payable in advance, and raised the bond from \$250 to \$1000. This was made at the suggestion of the local plumbers who are willing to pay \$125 per year licence and also wanted a \$5000 bond.

Three new members are announced by the Santa Barbara Builders' Exchange: Rudolf Ruhnauf, painter and decorator; Channel Electric Co. and Holiday Hardware Co.

Conditions are particularly bad among carpenters in Chicago. A contractor who advertised for five carpenters was confronted by three hundred applicants.

F. J. Catton, architect, formerly of Los Angeles, has opened offices at 358 Sutter St., San Francisco, for the practice of architecture.

All officers of the San Francisco Master Plumbers' Association were re-elected for 1928. William J. Monahan, returned to the office of president, will serve his third consecutive term in that position. The others are William J. Forster, vice president; Alexander Coleman, treasurer, and George V. Morton, corporation secretary. Charles Noury and Charles Mayer were elected new members of the board of directors at the annual meeting of stockholders of the corporation. The directors who will continue for another term are: W. E. Burnham, Otto Anderson, William P. Goss, Jack Camp, S. Peterson, Joseph Rohr, A. J. Wilson, J. V. Young and James H. Pinkerton. Ernie Schaeffle will continue as business manager.

\$28,585,560 IS PACIFIC COAST BUILDING EXPENDITURE IN JANUARY

A grand total of 10,101 permits for new buildings to cost \$28,585,560 were issued during January in 98 Pacific Coast cities, according to official reports of municipal building inspectors tabulated in the National Monthly Building Survey of S. W. Straus & Co.

Los Angeles, issuing 2665 permits for buildings to cost \$7,509,691, reports a 13% increase over December's figures, but a 7% reduction from the January total of last year. The Los Angeles building volume amounts to more than one-fourth of the Pacific Coast total.

In the Los Angeles metropolitan area, exclusive of Los Angeles, 14 municipalities issued \$2,966,744 in building permits during January, 17% more than for December, but 17% less than for last January.

San Francisco's January record of 611 permits for \$3,710,925 of new buildings is 43% greater than the December figures and 5% above the total for last January. In the San Francisco Bay area, 13 municipalities outside of San Francisco, issuing \$2,493,906 in January building permits, show a 13% increase over December, but a 24% reduction from January, 1927.

Seattle reports a gain of 110% over December's figures and of 16% over last January with 702 permits for \$2,692,530 of new buildings issued during January.

Portland, issuing 569 permits during January, for buildings to cost \$983,200, shows a reduction of 12% from December's total and a reduction of 71% from the January total of last year.

Following are the official January, 1928, construction cost figures reported by building departments executives from 98 cities, comprised in the Pacific Coast Section of the National Monthly Building Survey of S. W. Straus & Co.:

CALIFORNIA				
January, 1928				
City—	No.	Cost	Jan., 1927	Dec., 1927
Alameda	55	\$ 146,515	\$ 59,468	\$ 129,293
Albany	18	34,650	99,000	120,000
Alhambra	56	137,550	307,840	142,679
Anaheim	15	18,626	20,365	27,553
Bakersfield	77	68,066	249,400	101,120
Berkeley	165	327,793	419,719	645,717
Coevery Hills	72	492,525	579,264	305,600
Carlsbad	70	218,030	202,723	237,990
Barlingame	37	150,950	65,200	87,650
Colton	17	20,025	16,100	71,100
Compton	30	67,845	111,574	71,220
Coronado	8	8,445	19,500	67,855
Culver City	50	160,539	146,150	70,009
Emeryville	4	105,860	150	800
Eureka	34	31,673	21,835	25,140
Fresno	84	73,032	72,519	126,764
Fullerton	34	77,728	57,100	37,975
Glendale	121	513,780	811,545	450,335
*Hollywood	118	1,133,675	740,165	980,295
Huntington Park	74	231,830	69,015	149,754
Inglewood	34	76,200	144,700	86,150
Long Beach	385	816,800	432,850	2,152,235
Los Angeles	2665	7,509,691	8,129,749	6,630,403
Lynwood	28	53,275	118,800	109,630
Modesto	28	54,550	27,170	45,235
Monrovia	20	524,000	77,250	32,200
Montebello	37	73,556	14,413	18,875
National City	14	13,400	41,925	57,740
Oakland	547	1,289,753	2,052,475	756,549
Palo Alto	28	37,795	181,240	122,897
Palos Verdes Estates	2	12,000	38,800	45,000
Pasadena	192	546,916	483,671	628,513
Piedmont	23	108,021	75,497	81,521
Pomona	50	94,525	224,575	175,520
Redlands	10	10,375	26,125	165,608
Redondo Beach	12	18,750	9,815	11,075
Redwood City	29	29,195	68,651	43,155
Richmond	32	23,555	103,370	88,660
Riverside	80	180,450	282,780	323,835
Sacramento	149	395,119	546,958	259,940
Salinas	51	80,709	42,206	35,075
San Bernardino	84	152,475	186,410	217,165
San Diego	506	1,072,611	1,122,800	1,434,954
San Francisco	611	3,710,925	3,528,955	2,582,015
San Gabriel	15	40,040	74,055	9,800
San Jose	79	162,425	301,290	124,480
San Leandro	15	25,821	108,245	32,165
San Marino	11	127,344	183,312	169,504
San Mateo	31	152,863	38,100	87,272
San Rafael	18	51,135	15,250	8,616
Santa Barbara	110	218,763	114,696	135,930
Santa Cruz	27	87,469	57,678	43,220
Santa Monica	138	310,898	469,172	185,960
South Gate	29	86,150	131,200	137,150
Stockton	72	102,780	186,959	253,900
Ventura	49	129,975	173,025	236,300
Vernon	15	43,790	48,422	68,250
Whittier	22	49,710	25,580	62,575
Total	7268	\$21,369,272	\$23,216,676	\$20,464,757
ARIZONA				
Phoenix	110	\$ 378,920	\$ 241,278	\$ 701,055
Tucson	41	92,095	159,984	111,511
Total	151	\$ 471,015	\$ 401,262	\$ 812,566
IDAHO				
Boise	25	\$ 47,200	\$ 16,000	\$ 345,500
Idaho Falls	2	1,000	900	750
Lewiston	28	50,945	38,285	5,495
Nampa	11	5,650	12,300	5,565
Total	66	\$ 104,795	\$ 67,485	\$ 357,310
NEVADA				
Reno	9	\$ 21,175	\$ 47,400	\$ 38,950

OREGON				
Astoria	26	\$ 22,303	\$ 1,270	\$ 750
Eugene	29	75,850	161,925	76,250
Clatsop Falls	7	14,850	74,055	43,985
La Grande	10	6,400	10,500	9,000
Arnheim	10	30,000	15,450	16,700
Medford	25	48,115	54,240	27,872
Portland	569	983,200	3,502,610	1,120,510
Salem	33	118,650	206,250	70,650
Total	709	\$ 1,298,968	\$ 4,026,300	\$ 1,365,717
UTAH				
Logan	4	\$ 14,000	\$ 7,400	\$ 2,500
Provo	6	12,300	33,000	118,000
Alt Lake City	65	00,000	29,000	23,675
		338,480	185,910	112,800
Total	75	\$ 364,780	\$ 255,310	\$ 256,975
WASHINGTON				
Spacortes	11	\$ 15,320	\$ 78,450	\$ 9,370
Bellevue	11	75,824	122,430	48,804
Everett	70	34,520	44,430	32,450
Boziam	33	155,703	41,185	25,420
Longview	12	19,825	19,430	22,008
Olympia	9	51,925	13,170	10,880
Port Angeles	13	27,275	17,575	4,700
Seattle	702	2,692,530	2,312,325	1,281,220
Spokane	50	174,140	148,904	117,225
Tacoma	148	302,255	581,818	944,040
Vancouver	18	82,670	195,085	16,215
Valla Walla	1	150	2,522	27,083
Venatchee	13	7,800	13,250	14,450
Wakima	28	44,450	17,210	23,460
Total	1166	\$ 3,657,212	\$ 3,580,209	\$ 2,572,725
BRITISH COLUMBIA				
Vancouver	278	\$ 587,640	\$ 1,258,545	\$ 968,385
Point Grey	115	343,690	264,540	124,300
Burnaby	69	70,720	66,035	90,890
Co. Vancouver District	10	10,520	16,520	9,845
North Vancouver	17	29,910	19,995	8,450
South Vancouver	70	78,600	82,700	30,950
West Vancouver	14	29,900	15,125	5,800
New Westminster	27	92,145	52,375	12,150
Victoria	57	55,488	14,086	826,786
Total	657	\$ 1,298,343	\$ 1,789,921	\$ 2,077,556
Grand Total 98 cities	10,101	\$28,585,560	\$23,384,523	\$27,946,556

*Figures not received in time to be included in tabulations.

**Hollywood figures included in Los Angeles totals.

FIRST BUILDING LABOR AGREEMENT - 1500 YEARS OLD - PROVIDED FOR THE CLOSED SHOP AND PREVENTED STRIKES

An ancient document describes an agreement for preventing disputes in the building industry, drawn up at Sardis, Asia Minor, some 1500 years ago, according to the Electrical Workers' Journal. The agreement was entered into by the Sardis Union of Building Artisans and the master employers of that city and deposited before the city magistrate, dated April 27, 459 A. D.

"Not only the contents of the agreement, but its form of expression remind us closely of present-day documents in the same field," says the Journal. "The same stiff phrases, the never tiring love for words that nobody but lawyers use and no one understands. That is more important, however, is the same industrial outlook from which the parties to the agreement proceed, the conditions under which a worker is obliged to discharge his duties and under which he is guaranteed the protection of his rights.

An Ancient Agreement

"The document is written in these terms:

"Whereas, Your excellency has received various accusations against divers persons practising our craft, to the effect that they take in hand pieces of building work, leave these unfinished and obstruct the employers, deeming it important to abolish an injustice so detrimental to the employers, you have requested from us this agreement and declaration under oath in the following terms:

"We do agree and make oaths by the

holy and life-giving Trinity, and by the safe preservation and victory of the Lord and the inhabited earth, Flavius Leo, everlasting August and emperor.

(1) That we will complete all pieces of work given out to us by any one of the employers, provided that the employer is prompt in paying us the wages mutually agreed upon.

(2) Should the man undertaking the work have any plea on which he declines it for some reason of his own, either private or public, another artisan from among us shall take his place and shall entirely complete the work under construction on the distinct understanding that the man declining it, whether he be the artisan who began or the man who shall have taken his place, is one of ourselves, and that no reason of our own stands in the way of the work.

(3) Should the man undertaking the work once hinder the employer in any way while it is, as we said, under construction, if he who either began it from the beginning or shall have taken the place of any artisan is one of ourselves, we shall for such hindrance pay indemnities according to the actual contract between the employer and the artisan.

(4) Should the employer show indulgence, if he be for seven days hindered from working, the work shall be left to the artisan undertaking it.

(5) Should the artisan fall ill, the employer shall wait twenty days and if after such indulgence for twenty days the man should get well but show no

disposition to work at that time, another shall take his place on the terms stipulated by us to the man who has declined.

(6) If when the man undertaking the work declines it, some one of us be found neither doing anything nor performing work in accordance with the provisions herein written, we bind ourselves to pay the (sum) as a fine to be used for the city's public works, while the artisan shall be compelled to pay eight pieces of gold, and shall further be liable, even after exaction of the fine, to prosecution under the divine edict on the charge of injustice. The present agreement remaining firm, unbroken and undisturbed in perpetuity and being irrevocably carried out in strict conformity with all things above determined and promised by us.

(7) And for the full discharge of the fine we pledge, under a lien both general and individual, all our property, present and future, of every kind and sort, and when as to all things above written the question was put to us by your excellency, we gave our assent to this agreement and declaration under oath on the day and in the consulship above written."

Benefits of Agreement

"As you read you can judge what good agreements were written 1500 years ago. We should be pleased with such at this present age. And let me see what the two parties to a building contract can gain from agreement. To the employer it insures, except for possible delay of twenty days under Clause 5, uninterrupted work, with indemnities for any interruption by the workman. If he throws up the job other workmen will be supplied by the union till it is finished. If he is dilatory or obstructive, the union guarantees his indemnity payments.

"To the artisan the advantages are: That he need only work if his wages are punctually paid; that in case of sickness he is allowed twenty days for recovery before he can be replaced; that since only members of the union may be employed, he has no competition to fear from the outside.

"The benefits concerned by the agreements are thus similar to those which now induce employers and trade unions to adopt the principle of the 'closed shop.' This aims at securing for the former a steady supply of workers and a continuity of labor, and for the latter more stable wages and working conditions through the elimination of non-union competitors. Respecting rates of wages, strikes and intimidation, the evidence here embodied is valuable. Wages are ostensibly fixed by the several contracts between the individual mechanics and the employers, and of union standards of minimum rates there is no mention.

"Since, however, an employer can enjoy the benefit of the agreement only if he deals exclusively with members of the union, he has to pay them the wages which it permits them to accept.

"It seems that the reason for making so formal a settlement was the desire to avoid these strikes which it seems had previously been frequent and the charges against the building workers were that they leave these pieces of work unfinished and obstruct the employers, or in other words, they strike and prevent other mechanics from working.

"And compensation by the union in the event of any further obstruction is stipulated in Clause 3. The fear of repetition of such troubles must have protected the union rates of wages by discouraging employers from dealing with non-union workmen, against whose possible striking on misconduct their agreement would have afforded no remedy."

Building News Section

APARTMENTS

Wrecking Contract Awarded
APARTMENTS Cost \$50,000
SAN FRANCISCO, NE Presidio ave. and Sutter, N Sutter E Presidio ave.
Three 3-three story and basement frame and stucco apt bldgs., (21 apts.)
Owner and Builder—Stempel & Cooley, Hearst Bldg., S. F.
Architect—J. C. Hadlik, Monadnock Bldg.
Wrecking—Symon Bros., Wrecking Co., 1435 Market st.

Plans Complete
APARTMENTS Cost \$600,000
SAN FRANCISCO, Pacific ave. near Laguna st.
Six-story steel frame and concrete apartment bldg.
Owner and Builder—Marian Realty Co., 110 Sutter st.
Architect—Douglas Stone, 354 Hobart st., Oakland.
Sub-bids will be taken in one week.

Preparing Preliminary Plans
APARTMENTS Cost \$60,000
SAN FRANCISCO, NW Broderick and Francisco st.
Three-story and basement frame and stucco apartment bldg., 18 2, 3 and 4-room apts.
Owner and Builder—E. J. Wade.
Architect—R. K. Irvine & L. Ebbeets, Call Bldg.
Sub-bids will be taken in two weeks.

Sub-Contracts Awarded.
APARTMENTS Cost, \$150,000 each
SAN FRANCISCO, Van Ness Ave. and Clay Street.
Three five-story Class C steel frame and brick apartment buildings (2 and 3-room apts.)
Owner—Van Clay Building Co., Inc.
Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
Contractor—Stock, Maas & Sauer, 1820 Clay St., San Francisco.
Plastering—J. Marconi, 1737 Beach St., San Francisco.
Glass and Glazing—Tyre Bros., 666 Townsend St., San Francisco.
Other awards previously reported.

Plans to be Prepared
APARTMENTS Cost \$—
SAN FRANCISCO, Clay st.
Ten-story co-operative apartment bldg., 4, 5, and 6-room apts.
Owner—Mutual Realty Investment Corp., (Samuel A. Schwartz.)
Architect—None.

To Be Done By Day's Work.
APARTMENTS Cost, \$150,000
SAN FRANCISCO, NE Bay and Larkin Streets.
Six-story and basement reinforced concrete apartment building (24 apts.)
Owner and Builder—R. E. Romano, 791 Ashbury St., San Francisco.
Architect—None.

Contemplated.
APARTMENTS Cost, \$100,000
SAN FRANCISCO, Location Withheld.
Ten-story Class A apartment building.
Owner—Withheld.
Architect—N. W. Sexton, DeYoung Bldg., San Francisco.
Project is still in a very preliminary stage. More definite information will be given in about two weeks.

LOS ANGELES, Cal.—Architect Norman W. Alpaugh, 2404 W 7th St., is preparing plans for a class A apartment house to be erected at the northwest corner of Wilshire Blvd. and Commonwealth Ave. for the United Pacific Securities Co. It will be 12 stories with two basements; dimensions, 115x170 feet, L-shaped; the construction will be reinforced concrete; cost \$1,250,000.

Sub-contracts Awarded
APARTMENTS Cost \$—
SAN FRANCISCO, Herman st, E Buchanan st.
Six-story steel frame and concrete apartment building (96 rooms, 2 and 3-room apts.)
Owner—Withheld.
Architect—Oscar Thayer, 110 Sutter st.
Contractor—Chas. A. Laughlin, 649 Gough st., S. F.
Plastering—Chalmers Co., 277 21st ave.
Plumbing—Frank Morris.
Electric Refrigeration—Frigidaire Co., 871 Mission st.
Other awards reported Jan. 16, 1928.

Plans Being Figured—Bids Close Feb. 20
APARTMENTS Cost \$—
BURLINGAME, San Mateo Co., Cal. Burlingame ave. near Lorton st.
Three-story steel frame and concrete apartment and store building (five 3, 4 and 5-room apts; number of stores not decided).
Owner—Mr. Moyer.
Architect—E. L. & J. E. Norberg, 580 Market st., S. F.
Bids are being taken for a general contract with separate bids for plumbing, heating and electrical work.

Plans Completed.
APARTMENTS Cost, \$163,000
SAN FRANCISCO, NE Bay and Polk Streets.
Six-story, basement and sub-basement steel frame and concrete apartment building (102 rooms; elevators, refrigeration, etc.)
Owner—Ragner Munson, 1473 7th Ave., San Francisco.
Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
Sub-bids will be taken by the owner shortly.

Sub-Bids Wanted.
APARTMENTS Cost, \$111,600
OAKLAND, Alameda Co., Cal. Cleveland Ave. near Park Blvd.
Three-story frame and stucco apartment building (24 3-room apts.)
Owner—Haustader & Barr, Oakland.
Architect—C. C. Dakin, 2083 Harrison Blvd., Oakland.
Contractor—Barr & Sons, 900 Everett St., Oakland.
Sub-bids are wanted on the following: Sheet metal, electric work, plastering, plumbing, heating, electric wiring and elevators.

BEVERLY HILLS, L. A., Cal.—Beverly-Sycamore Constr. Corp., owner and builder, 1621 Brighton Way, Beverly Hills, applied

for building permit to erect a 5-story and basement, 170-room, 19-family, class B apt house, 110-118 feet, at 308 N. Sycamore Ave.; plans by Murray-Conway Studios, 1621 Beverly Professional Bldg., Beverly Hills; cost \$275,000.

Contract Awarded
APARTMENTS Cost \$25,000
SAN FRANCISCO, E Broderick st. N. Francisco.
Three-story and basement frame and stucco apt. bldg., 6 apts.
Owner—P. D. Tyler and J. R. Wilkey, 2033 Leavenworth st.
Architect—W. Withered, 16 Turk st.
Contractor—P. D. Tyler, 324 Locust st.

To be Done by Day's Work
APARTMENTS Cost \$25,000
SAN FRANCISCO, S Page st. W. Lyon.
Three-story and basement frame and stucco apt. bldg. (6 apts.)
Owner and Builder—Leo Barrett, 1325 Page st.
Architect—None.

BONDS

ELVERTA, Sacramento Co., Cal.—Elverta School District votes bonds of \$8000 to finance erection of new school. Frederick S. Harrison, architect, Peoples Bank Bldg., Sacramento.

SACRAMENTO, Cal.—C. C. Hughes, city superintendent of schools, urges early erection of six new school buildings and additions to standing structures. Bonds will be voted to finance.

PHOENIX, Ariz.—Trustees of Phoenix Union High School District will call an election to vote bonds in the sum of \$625,000 for additions at the high school. The proposed improvements will include a new high school building to cost \$300,000, a Junior High School building to cost \$175,000, additions to and remodeling the auditorium to cost \$75,000, remodeling and additions to physical training building to cost \$50,000, and remodeling and enlarging heating plant to cost \$25,000.

CHICO, Butte Co., Cal.—Board of Education has purchased six lots in the vicinity of 8th and Linden streets on which will be erected a new grammar school. The school body now owns eight lots in the district and proposes to purchase six more to complete purchase of the entire block. Bonds will be voted to finance erection of the new school.

NORTH SACRAMENTO, Sacramento Co., Cal.—April 9 is date set to vote bonds of \$30,000 to finance purchase of site, (\$5000); erect city hall and firehouse, (\$16,000); purchase fire equipment, (\$15,000); purchase furniture and equipment for city hall (\$4000).

SAN MATEO, San Mateo Co., Cal.—Following the receipt of a report from Andrew P. Hill Jr. of the State Board of Education, city school officials contemplate a bond issue to finance erection of a new grammar school and additions to the present structures. George W. Hall is city supt. of schools.

BAKERSFIELD, Kern Co., Cal.—Kern County High School Dist., at meeting March 5 will set date for election to vote bonds of \$250,000 to finance school improvements. Approx. \$120,000 will provide classroom unit at F and 13th sts. Bakersfield; \$90,000 for wing addition to present shop bldg. including purchase of equipment. Approx. \$70,000 or \$90,000 will be expended for new high schools at Shafter and McFarland.

WALNUT CREEK, Contra Costa Co., Cal.—Election will be held Feb. 21 in Walnut Creek School Dist. to vote bonds of \$45,000 to finance erection of an addition to present grammar school.

Orders Inquiries

60 pages

Send for FREE Copy

Can be Secured by MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

TIPTON, Tulare Co., Cal.—Election will be held March 3 in Tipton School dist. to vote bonds of \$43,000 to finance erection of new school. Trustees of district are: T. L. Gilmer, W. E. Holoday and Frank J. Klindera (clerk).

SAN DIEGO, Cal.—The Board of Education of San Diego plans to call an election this spring to vote bonds in the sum of \$2,000,000 for the erection of new school buildings. The project will include a junior high school for East San Diego, several other junior high schools, new grammar schools and the purchase of the San Diego State college buildings and site.

HUNTINGTON PARK, Los Angeles Co., Cal.—The city council has decided to submit to the voters at the April election to question of selling a portion of city property on Pacific Blvd. to finance the construction of a new city hall to cost \$5,000.

BAKERSFIELD, Kern Co., Cal.—The Kern County High School Board of Education will call an election shortly to vote bonds in the sum of \$250,000 for the erection of new buildings. It is proposed to erect a new classroom building at Ekersfield High School and to build high school structures at Shafter and McFarland. Architect Chas. H. Biggar, Ekersfield, has prepared preliminary plans for the classroom building and it is estimated to cost \$120,000. The buildings at Shafter and McFarland will cost about \$45,000 each.

REDWOOD CITY, San Mateo Co., Cal.—April 9 set by city to vote bonds of \$5,000 to finance erection of new fire station at Myrtle St. and Jefferson Ave.

DELANO, Kern Co., Cal.—City will hold election April 9 to decide on transfer of funds now in treasury to finance erection of new city hall. The fund contains \$5230.

LODI, San Joaquin Co., Cal.—Houston School District contemplates election to vote bonds to finance erection of new school building. Estimates of cost will be submitted shortly.

WINSLOW, Ariz.—The school trustees have set March 10 as the date for an election to vote bonds for the erection of a new high school building. Report Jan. 18, 1928.

REDDING, Shasta Co., Cal.—Election will be held March 5 in Columbia School District to vote bonds of \$3000 to finance school improvements. Trustees of district are: Mrs. Ella Crespo, Mrs. C. J. Misner and E. E. Leighton.

HAYWARD, Alameda Co., Cal.—Election will be held Feb. 24 in Hayward Union High School District to vote bonds of \$50,000 to finance erection of auto mechanics building; \$5000 for equipment; \$400 to improve grounds and roads in school grounds and \$5000 for emergency purposes in connection with the contemplated improvements.

CHURCHES

TURLOCK, Stanislaus Co., Cal.—Architect Geo. N. Hilburn, Turlock, is completing plans and bids will be asked shortly by Mission Church Congregation, Rev. Paul Rood, pastor, to erect frame and stucco church at Lander Ave. and East Main St.; will be of tabernacle type, seating 1500. Est. cost \$50,000.

Contract Awarded
CHURCH Cost \$75,000
WATSONVILLE, Santa Clara Co., Cal., Lake ave.
Class A church with stucco exterior.
Owner—Roman Catholic Archbishop of Monterey and Fresno counties.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—Jack Renfrow, 30 W Lake St., Watsonville.

WOODLAND, Yolo Co., Cal.—Bids are being received by Mortimer Chester, pastor, St. Luke's Episcopal Church, to erect parish house in connection with church plant, will provide for Sunday school quarters, social hall and fully equipped for general meeting purposes. Plans by Carlton Pierson.

PETALUMA, Sonoma Co., Cal.—Baptist Church plans to construct additions adjoining present church for Sunday school quarters. The addition will be so constructed as to permit its use in connection with the main auditorium.

Preparing Working Drawings.
CHURCH Cost, \$50,000
RENO, Nevada.
One-story reinforced concrete church building with tile roof.
Owner—Trinity Episcopal Church.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 525 Market St., San Francisco.

FRESNO, Fresno Co., Cal.—Emmanuel Lutheran Church, L and Ventura Sts., will raise funds to finance erection of \$40,000 edifice at U and Marioposa streets. Rev. E. J. Rudnick, pastor.

TEHACHAPI, Kern Co., Cal.—P. W. Paynter, Bakersfield, has contract to erect community Congregational Church building. Construction will be started at once.

VENTURA, Cal.—Architect Thos. P. Barber, 2008 W. 7th St., Los Angeles, is taking new bids on general contract from a selected list of contractors for erecting a church building at Ventura for the First Methodist Church of Ventura. The building will contain an auditorium to seat 600 people, social, kitchen and Sunday school departments, vestry, etc.; brick and steel construction. Cost, \$70,000.

FACTORIES & WAREHOUSES

Plans Being Prepared
FACTORY Cost \$—
SAN FRANCISCO, Industrial section, exact location withheld.
One-story concrete factory bldg.
Architect—Fabre & Hildebrand, 110 Sutter st.

Plans Being Completed.
FINDRY Cost, \$—
RICHMOND, Contra Costa Co., Cal. Fifteenth St., bet. Macdonald and Nevin Aves.
Reinforced concrete laundry building (height not decided).
Owner—Richmond Japanese Laundry.
Architect—James T. Narbett, Syndicate Bldg., Richmond.
Bids will be taken within a few days.

Structural Steel Contract Awarded.
WAREHOUSE Cost, \$65,000
OAKLAND, Alameda Co., Cal., E Persalta St., bet. 24th and 26th Sts.
One-story reinforced concrete warehouse and office building and concrete bunkers.

Owner—W. H. Ford.
Architect—J. C. Buckbee, Chicago, Ill.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Structural Steel—Pacific Coast Engineering Co., Foot of 14th St., Oakland.

As previously reported, excavating awarded to J. Catucci, 1212 18th St., Oakland; piling to M. B. McGowan, 74 New Montgomery St., S. F.; reinforcing steel to Soule Steel Co., Rialto Bldg., S. F. Sub-bids on other portions of the work are in and will be awarded soon.

Construction Started
WAREHOUSE Cost \$10,000
HAYWARD, Alameda Co., B st.
One-story galvanized iron warehouse.
Owner—George Croley Co., 8th and Townsend Sts., S. F.
Architect—None.
Contractor—Jim Willison, Hayward.

SANTA BARBARA, Cal.—Dwight Murphy, Major Max Fleischmann, et al. have taken over Stearns wharf and will reconstruct the structure for a pleasure pier, 20 ft. vehicle roadway on the causeway will be provided in addition to a 15-ft. pedestrian promenade for concessions, etc.

STOCKTON, San Joaquin Co., Cal.—Graham Bros. plant (branch of Dodge Bros.) mfrs. of commercial cars and motors trucks, have purchased 32.12 ac. adjoining the present plant for expansions. The company recently completed a \$150,000 addition. Early construction of additional units, however, is not contemplated, according to R. A. Huston, factory manager.

Sub-contract. Awarded
MFG. PLANT Cost 1st unit \$100,000
EMERYVILLE, Alameda Co., Cal., Shell Mound Park Dist. (10-acre site).
Group of 4 or 5 one and two-story concrete mfg. bldgs., 1st unit; roaster building to have steel frame.
Owner—C. K. Williams & Co., Easton, Pa., mfrs. of dry colors (Mr. Williams is now at Hotel Oakland).
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland, and engineer of owner.
Contractor—H. J. Christensen, 519 Ray Bldg., Oakland.
Misc. iron—California Steel Co., 2nd and Harrison Sts., Oakland.
Plumbing, heating and electrical work—Scott Co., 113 10th st., Oakland.
Electrical work—Fritz Electric Co., 343 9th st., Oakland.

As previously reported, pile driving awarded to M. B. McGowan, 74 New Montgomery st., S. F.; reinforcing steel to McGrath Co.; structural steel to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Sub-bids Being Taken
WAREHOUSE Cont. price \$53,750
OAKLAND, Cal., 1st and Market Sts., adjoining present warehouse.
One-story steel frame and brick warehouse.
Owner—Howard Co., 1st and Market Sts., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—James T. Walsh, 608 Woodland, San Leandro.

PATTERSON, Stanislaus Co., Cal.—J. G. Berryhill, promoter, opening the Mineral Products plant at Patterson, announces he will resume operations and will install new equipment and construct additions. Principal output of plant will comprise iron oxide ore to be shipped from the northern section of the state. Development of manganese mines in the local hills will provide more materials for operations later.

ALAMEDA, Alameda Co., Cal.—Property owners protest to city council against proposal of Alameda Belt Line Co. to erect a roundhouse in Webster st. It is probable that a new site will be selected.

SAN FRANCISCO—Pacific Gas & Electric Co., 245 Market st., has purchased block bounded by 18th, 19th, Folsom and Shotwell Sts., and contemplates improvements. The nature of the improvements, at this time, however, has not been determined. Present buildings on property have leases for six months.

RICHMOND, Contra Costa Co., Cal.—J. M. Belleville, vice president and general manager of the Pittsburgh Plate Glass Co. is inspecting sites in Richmond and vicinity on which it is proposed to erect a plant involving an ultimate expenditure of \$5,000,000. A Pacific Coast plant is needed by the company, according to Belleville, and if a suitable site in Richmond cannot be found, others will be considered in the San Francisco bay district.

SANTA MARIA, Santa Barbara Co., Cal.—American Cleaners, West Main st., are having plans prepared for a \$15,000 cleaning plant to be erected in North Broadway, it is announced by Glenn Seaman, owner of the plant. Modern equipment will be installed.

YUBA CITY, Sutter Co., Cal.—A. M. Gilstrap, 3002 Logan st., Oakland, has applied to city trustees for building permit to erect peach cannery in Cooper ave. north of Bridge st., served by the Northern Electric Ry.; will be of steel and concrete with daily capacity of 100 tons. With a cold storage plant to be erected within a year, the plant as proposed, will involve an expenditure of \$500,000.

ARBuckle, Colusa Co., Cal.—Growers in the Berlin District contemplate financing construction of a grain elevator. Project is yet in a preliminary stage and estimates of cost are yet to be worked out.

CHICO, Butte Co., Cal.—American Fiber Product Co., 526 Bay st., San Francisco, contemplates the erection of a plant for the manufacture of rice straw board and rice straw paper.

OAKDALE, Stanislaus Co., Cal.—Golden State Milk Products Co. has purchased 3 lots adjoining the present plant and will construct additions. Structure will be erected to house 200-h. p. steam boiler. Storage tank for fuel oil of 15,000-gal. capacity is also included. J. M. Nilsson, plant manager.

SACRAMENTO, Cal.—H. H. Ogg, operating the Old Tavern Cleaning & Dyeing Co., 1507 20th St., has had plans prepared and construction will be started shortly on the present site of a \$10,000 dyeing and cleaning plant; one-story brick construction. Present building will be razed.

SAN FRANCISCO—Wm. A. Burnette, president of Club Aluminum Co., Chicago, Ill., is seeking site on which it is proposed to erect a branch plant to serve the Pacific Coast territory. John D. Burton, local district manager for the company, maintains headquarters at 981 Mission Street.

Permit Applied For
FACTORY Cost \$10,000
SAN FRANCISCO, SE Harrison and Mariposa sts.
Alterations and additions to present factory bldg.
Owner—Sussman & Wormser, 4th and Leary sts.
Architect—Dodge A. Reidy, 821 Market.

Sub-contracts Awarded
ADDITION Cost \$16,000
SAN FRANCISCO, NE Mission st. and Plum st.
One-story addition to present manufacturing plant.
Owner—Speyer & Schwartz, 317 Main st.
Architect—Ellison & Russell, 712 Pacific Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison st., S. F.
Sheet metal—Western Sheet Metal Wks., 1911 Mission st.
Electric work—Atlas Electric Co., 343 4th st.
Plumbing—J. J. McLeod, 1246 Golden Gate ave.
Plastering—E. Dietlin, 1920 Faxon ave.
Glass—W. P. Fuller Co., 301 Mission st.
Steel sash—M. S. Metal Products Co., 330 10th st.

FLATS

Plans Being Prepared
FLATS Cost \$12,000 each
SAN FRANCISCO, S Bay st. W Scott.
Three 2-story and basement frame and stucco flat buildings, 6 rooms each, all modern conveniences.
Owner and Builder—M. P. Storheim, Hearst Bldg.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO, W Broderick St. S North Point St.
Two-story and basement frame and stucco flat building (2 flats).
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—Pring & Lesswing, Holbrook Bldg., San Francisco.
Contractor—Schultz Construction Co., 46 Kearny St., San Francisco.

GARAGES

VISALIA, Tulare Co., Cal.—R. Hodgson & Son, Porterville, at \$2523.50 awarded contract by county to erect garage building at county hospital grounds.

Contract Awarded
GARAGE Cost \$20,000
OAKLAND, Alameda Co., Cal., Twenty-sixth ave. and E-12th st.
One-story steel frame and concrete garage bldg.
Owner and Engineer—T. Ronneberg, Crocker Bldg., S. F.
Contractor—Wilbur C. Cone, Federal Realty Bldg., Oakland.
Sub-bids will be taken soon.

MERCED, Merced Co., Cal.—C. C. Disney, Merced, at \$20,000 has contract to erect one-story brick, 50 by 150 ft., garage and salesroom at Seventeenth and O streets for R. F. Metcalf.

Completing Plans
GARAGE Cost \$200,000
OAKLAND, Alameda Co., Cal. Harrison st. and Bay place.
Three-story reinforced concrete auto sales bldg. and garage.
Owner—Earl C. Anthony.
Architect—Powers & Ahnden, 605 Market st., S. F.
Contractor—Cahill Bros., 206 Sansome st., S. F.
Sub-bids will be taken in one week.

Contemplated
GARAGE Cost \$—
OAKLAND, Alameda Co., Sixteenth st. and San Pablo ave.
Seven-story concrete public garage.
Owner—P. O. Enslaw, 1613 Excelsior st., Oakland.
Architect—Not selected.

PORTERVILLE, Tulare Co., Cal.—Mission Garage in Main st. suffers \$15,000 fire loss. Insurance of \$7000 carried.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until Feb. 25, under Schedule No. 1858, bids will be rec. by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Lumber (California Redwood, Port Orford cedar, cypress, white maple, poplar, white oak, white pine or sugar pine, southern yellow pine, Douglas fir, creosoted yellow pine or Douglas fir piles, and creosoted southern yellow pine or Douglas fir crossies. Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

SAN DIEGO, Cal.—Following is a list of prospective bidders for workroom, etc., to be erected at San Diego, bids for which will be opened by Supervising Architect, Treasury Department, Washington, D. C., on Feb. 20: M. Pearce, 220 W. 43rd St., New York City; English Constr. Co., 1311 St. N. W., Washington; W. D. Lovell, 1415 8th St., N. E., Minneapolis, Minn.; Wm. MacDonald Constr. Co., 1311 Syndicate Trust Bldg., St. Louis; A. M. Lundberg, 208 N. Broadway, St. Louis; G. E. Tillman, Centralia, Ill.; Geo. Griffiths Constr. Co., 705 Olive St., St. Louis; Algernon Blair, Montgomery, Ala.; A. C. Samford, Montgomery, Ala.; P. P. Quinn, 752 4th Ave., San Francisco; Thomas F. Dowd, 728 Chestnut St., Oakland; Chas. Weitz's Sons, 713 Mulberry St., Des Moines, Iowa.

SAN DIEGO, Cal.—Truscon Steel Co., Youngstown, Ohio, and Austin Engineering Co., 566 Southern Blvd., New York City, are among prospective bidders for proposed pier to be constructed at San Diego, bids for which will be opened by Bureau of Yards and Docks, Navy Department, Washington, D. C., March 8.

PUGET SOUND, Wash.—Until Feb. 29, under Specification No. 5474, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect concrete chimney at Puget Sound, Wash. Plans obtainable from Bureau.

SAN FRANCISCO—Until Feb. 21, 11 a. m., under Order No. 9398-1261, bids will be received by U. S. Engineer Office, 12nd st., to fur. and del. Rio Vista, San Mateo county, lumber as follows:

Rough No. 2 Common Pine or Hemlock
Ft. B. 3
Ft. B. 3
600 pcs. 3 x 4 in. x 12 ft. 720
600 pcs. 3 x 4 in. x 14 ft. 840
600 pcs. 3 x 4 in. x 16 ft. 960

Selected Common Ore. Pine
Ft. B. 3
10 pc. 8 x 10 in. x 14 ft. 920
20 pcs. 8 x 8 in. x 10 ft. 1066
140 pcs. 4 x 6 in. x 10 ft. 2800
10 pc. 4 x 8 in. x 14 ft. 373
16 pcs. 6 x 8 in. x 14 ft. 396
40 pcs. 2 x 6 in. x 28 ft. 1120
20 pcs. 2 x 4 in. x 18 ft. 240
20 pcs. 2 x 12 in. x 14 ft. 560
20 pcs. 2 x 12 in. x 16 ft. 640
20 pcs. 2 x 12 in. x 18 ft. 720
50 pcs. 1 x 6 in. x 18 ft. 450
600 pcs. 2 x 6 in. x 14 ft. rough No. 3400
2 Common Oregon pine 1333
20 pcs. 8 x 10 in. x 10 ft. S4S Selected Common Oregon Pine 1333
70 pcs. 3 x 8 in. x 28 ft. S4S No. 2 clear and better Oregon pine with 1/8 in. calking seam 2 edges 3920
60 pcs. 3 x 12 in. x 28 ft. No. 2 clear and better Oregon pine with 1/8 in. calking seam 2 edges 5040
20 pcs. 3 x 12 in. x 24 ft. rough No. 1 Common Oregon pine 1440
All above lumber to meet grading Pacific Lumber Inspection Bureau, Inc. Alternate proposals offering mill deliveries f. o. b. railroad car or motor car Oregon or Southern Washington will be considered but bid must state point of delivery and number of days required after receipt of order for such delivery.

WASHINGTON, D. C.—Until Feb. 2, under Schedule No. 1859, bids will be received by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Crane, wire rope, brass pipe, cor. railway turnout, steel cross ties, and other miscellaneous supplies. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Office, 210 California st., San Francisco):
Sch. 8465, Mare Island, 1 vertical boiler, Feb. 28.
Sch. 8469, San Diego, 1 lathe, turret lathe, Feb. 28.
Sch. 8472, Mare Island, 1 pipe and nipple-threading machine, 1 flexible hand block belt sander, 1 rotary slitting cheater, Feb. 28.
Sch. 8474, Mare Island, 3100 aluminum alloy ingot, Feb. 28.
Sch. 8484, Mare Island, 53,000 slate roof tiles, Feb. 28.

HALLS AND SOCIETY BUILDINGS

SANTA CRUZ, Santa Cruz Co., Cal.—Negotiations are being completed by Masonic fraternity for the exchange of the

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

present property in Pacific ave. and Walnut ave. for an unimproved corner at Pacific ave. and Cathcart st. The latter site is 110 by 137 ft. Details for the proposed new structure have not yet been worked out.

MARYSVILLE, Yuba Co., Cal.—Marysville Art Club plans early construction of adobe club building, California and Mexican type of architecture. Building committee is to be appointed.

Date Of Opening Bids Postponed Until February 17th.

HOSPITAL Cost, \$100,000
MONTEREY, Monterey Co., Cal. Hart St. near Webster St.
Two-story and basements frame and stucco hospital building.
Owner—Drs. Hugh and Horace Dormody Orway Bldg., Monterey, and Dr. J. P. Sandholt, Monterey.
Architect—Clarence A. Tantau, 210 Post St., San Francisco.
Plans are being figured by a selected list of contractors.

Plans Complete
LODGE BLDG. Cost \$100,000
SACRAMENTO, Sacramento Co., Cal., N K st. bet. 27th and 28th sts.
Two-story and basement brick and tile lodge building (dining room in basement.)
Owner—Eastern Star (Mrs. Arthur M. Seymour), 1605 H st., Sacramento.
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
Segregated bids will be taken in one week.

Preparing Working Drawings.
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Cal. SW Fifteenth and K Streets, 80x160 feet.
Four-story concrete, brick and terra cotta lodge building.
Owner—Aerie No. 901, Fraternal Order Eagles (William J. Tuller, President).
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
Bids will be taken in 30 days.

WYANDOTTE, Butte Co., Cal.—Womens' Club plans to raise funds to finance remodeling of church building owned by A. J. Dunstone for a community hall.

Revised Plans Completed.
CLUB BLDG. Cost \$45,000
SAN FRANCISCO, SE Twenty-first and Alabama Streets.
Two-story frame and stucco boys' club building (gymnasium, auditorium and classrooms).
Owner—San Francisco Boys' Club.
Architect—Harry A. Thomsen, Sharon Bldg., San Francisco.
Bids are in and contract will be awarded about March 1st.

NEWMAN, Stanislaus Co., Cal. — Roy Krueger, Gustine, at \$43,380, awarded contract by R. L. Kinnear, secy., Oresimba Lodge No. 354, I. O. O. F., for general construction of two-story reinforced concrete store, lodge and office building; est. cost \$40,000. Kump & Johnson architects, Rowell Bldg., Fresno.
Other bidders were: H. D. Hanify, Sonora, \$41,530; Deil & Wirtner, Turlock, \$43,744; Tabor & Thompson, Modesto, \$44,298; Morrison Bros., Santa Clara, \$53,172.

Plans Being Prepared.
CLUB BLDG. Cost, \$50,000
RENO, Nevada.
One and two-story frame and stucco club building.
Owner—Withheld.
Architect—F. J. De Longchamp, Gazette Bldg., Reno, and 525 Market St., San Francisco.

Specifications Being Completed.
CLUB BLDG. Cost, \$40,000
SAN FRANCISCO, Wawona Street and Thirtieth Avenue.
Two-story brick or reinforced concrete club building.
Owner—Junior League.
Architect—Ashley & Evers, 525 Market St., San Francisco.
Bids will be taken for a general contract next week.

Planned
CLUB BLDG. Cost \$250,000
WESTWOOD, Los Angeles Co.
Class A club bldg., reading rooms, social halls, etc.
Owner—University of Southern Calif.
Architect—None.

Plans Being Completed
CLUB BLDG. Cost \$—
SAN JOSE, Santa Clara Co., Tulley rd., on golf course.
Two-story frame and stucco club bldg. Owner—Hill View Country Club.
Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.
Plans will be ready for bids in about 2 weeks. Other officers of the club are: Ralph Wyckoff, vice president; Jack Haviland, secretary; R. M. McCoy, acting manager; Major George M. Shelton, Guy Marshall, Tom Watson and Earl Shaw, directors.

HOSPITALS

Preparing Working Drawings.
HOSPITAL Cost, \$367,000
RICHMOND, Contra Costa Co., Cal.
Four-story Class A steel frame and concrete hospital building (120 beds).
Owner—Hospital Richmond, Inc. (L. F. Bollinger, J. P. Chahape, J. M. Kurtz, L. Elder and J. Elder).
Architect—E. W. Cannon, 1924 Broadway, Oakland.
Specifications on above job reported January 5th.

Electrical Contract Awarded.
ADDITION Cost, \$400,000
SAN FRANCISCO, N Broadway E Van Ness Avenue.
Three and four-story and basement reinforced concrete addition to sanatorium.
Owner—Dante Sanatorium, Premises.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—S. Rasori, 270 Tehama St., San Francisco.
Electrical Work—Superior Electric Co., Phelan Bldg., San Francisco.

Plans to be Prepared
HOSPITAL Cost \$600,000
OAKLAND, Alameda Co., Moss ave. and Broadway.
Five-story steel frame and concrete administration bldg., 125 beds.
Owner—Fabiola Hospital Assn., G. A. Chase, treasurer.
Architect—George Kelham, 315 Montgomery st., S. F.
Engineer—H. J. Brunnier, Sharon Bldg., S. F.
Contractor—P. J. Walker Co., Sharon Bldg., S. F.
Project will go ahead as soon as debt is paid up.

MARTINEZ, Contra Costa Co., Cal.—Four Martinez physicians have subscribed \$10,000 toward the erection of a \$75,000 hospital. Subscribers are: Mrs. E. W. Merrithew, E. B. Fitzpatrick, John Beard and G. W. Sweetser. A site for the proposed structure is yet to be selected.

HOTELS

LOS ANGELES, Cal. — Lydia Jean Morehouse, 692 S Berendo, desires bids on segregated contracts for erecting a height limit class A hotel building at northeast corner of 7th st. and Berendo, for herself; plans prepared by Architect Richard M. Bates Jr., 660 S Vermont ave; it will contain 250 rooms, large lobby, cafe and a number of shops; 61x145 ft. reinforced concrete construction; cost \$650,000. Plans by appointment only.

NOGALES, Ariz.—It is reported that the Montezuma Hotel is to be remodeled at a cost of \$600,000. The project will include the addition of several stories. The property has been purchased by Wirt G. Bowman, Nogales and San Diego, Cal., capitalist.

Plans Ready For Bids In Two Weeks.
HOTEL Cost, \$100,000
VALLEJO, Solano Co., Cal. Sonoma and Capitol Sts.
Two-story Class A hotel building (60 rooms, lobby, 50x70 feet, dining room, etc.; Spanish type).
Owner—La Casa De Vallejo (Harry Hendlery and Isadore Meyers).
Architect—Slocombe & Tuttle, 337 17th St., Oakland.

DOUGLAS, Ariz.—Gadsden Hotel was destroyed by fire, entailing a loss of approximately \$200,000. The building was covered by insurance and was owned by F. O. Mackey, Juarez, Mexico.

Additional Sub-contracts Awarded
HOTEL Cost \$2,000,000
SAN FRANCISCO, SE Sutter and Powell sts.
Twenty-three-story class A hotel bldg. Owner—Sutter-Powell Center Building, Huchins, Financial Center Building, manager.
Architect—Weeks & Day, Financial Center Bldg., S. F.
Contractor—Lindgren & Swinerton, 225 Bush st., S. F.
Ornamental iron—Michel & Pfeffer Iron Works, Harrison and 10th sts.
Window frames—Pacific Mfg. Co., Monadnock Bldg.
Partition tile—N. Clark & Son, 116 Natoma st.
Hardwood floors—Geary Floor Co., 666 Mission st.
Other awards made reported Jan. 28.

Work Started.
HOTEL Cost, \$225,000
PIEDMONT, Alameda Co., Cal. Moss Avenue.
Six-story steel frame and concrete hotel building, 125 rooms, all modern conveniences.
Owner—Miss Augusta Corum, 357 12th St., Oakland.
Designer—L. M. Holm, Oakland.
Contractor—C. L. Woid Co., 185 Stevenson St., San Francisco.
Window Sash—Michel & Pfeffer Iron Works, Tenth and Harrison Sts., San Francisco.
As previously reported, excavating awarded to Ariss Knapp Co., 961 41st St., Oakland; structural steel to Herrick Works, 18th and Campbell Sts., Oakland.

MARIPOSA, Mariposa Co., Cal.—F. A. Bondshu, a member of the advisory board of the Merced Branch of the Bank of Italy, is having plans prepared for a \$75,000 hotel to be erected at Bullion and Eighth sts; site is 240 x 212 ft. Several cabins will also be erected in connection with the project.

DOUGLAS, Ariz.—H. O. Mackey, owner of the Gadsden Hotel which was destroyed by fire recently, has announced his intention of building a 150-room hotel on site of the one destroyed at an approximate cost of \$500,000.

PASADENA, L. A., Co., Cal.—Orndorff Construction Co., 247 N. Western Ave., L. A., has the contract to erect a class A hotel building and class A apartment house at the northeast corner of East Colorado St. and North Oak Knoll Ave., Pasadena, for Lee Orndorff and associates. The total cost will be about \$2,500,000. Plans for the buildings have been prepared by Architects Marston & Maybury, 25 E Euclid Ave., Pasadena. Construction work on the hotel building will be started about April 1 and work on the apartment house will follow in 30 or 60 days. The site is 610x150 feet, and with the exception of patios and courts will be covered by the buildings. The hotel building will contain 24 shops, 300 guest rooms, lobbies, ballroom, private banquet rooms, dining rooms, etc. The apartment house will contain 300 rooms arranged in 125 apartments. The construction will be of reinforced concrete.

SANGER, Fresno Co., Cal.—W. H. Jones, Sanger, at approx. \$50,000 awarded contract to Barsotti Bros., to erect two-story brick hotel opposite the Southern Pacific depot. J. M. Brown, Clinton St., Fresno, awarded contract for brick work. Will contain stores on the ground floor with 24 rooms on upper floors. Will be 100 by 80 feet.

GARDNERVILLE, Nevada—Architect F. J. DeLongchamps, Gazette Bldg., Reno, preparing plans for \$50,000 hotel to be erected in Gardnerville by interests now forming a building association.

ICE AND COLD STORAGE PLANTS

YUBA CITY, Sutter Co., Cal.—See "Factories and Warehouses," this issue. \$500,000 cannery and cold storage warehouse contemplated.

POWER PLANTS

YORBA LINDA, Cal.—The Southern California Edison Co. is commencing the erection of a sub-station at Van Buren st. and Morse ave; bldg. and equipment will cost \$14,900.

TURLOCK, Stanislaus Co., Cal.—As previously reported, bids will be rec. by Anna Sorensen, secy., Turlock Irrigation Dist., until March 5, 10 a. m., to fur. transmission power material and other equipment, as follows: (1) four 250-amp., 73 KV, oil circuit breakers; (2) twenty-four 250-amp., 73 KV, disconnecting switches; two 250-amp. 73 KV pole top switches; (3) 42 mi. of conductor; (4) 22 double circuit steel poles; 12 single circuit steel poles (light); 61 single circuit steel poles (heavy); (5) 1500 suspension insulators with hardware; (6) labor installing pole foundations; (6) labor erecting poles and stringing wire; (8) lump sum bid for items 1 to 7 inclusive. Cert. check 5 per cent payable to dist. req. with bid. Spec. obtainable from secretary on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

MONTEREY COUNTY, Cal.—Coast Valley's Gas and Electric Co., 161 Main st., Salinas, will expend \$17,600 for new line construction, oil circuit breakers and regulators and equipment to meet increased demand for service on Castroville and Alisal feeder lines. J. F. Pollard is branch manager at Salinas.

GLENDALE, Los Angeles Co., Cal.—H. K. Jones, 39 S Congress st., Pasadena, was awarded contract by city council of Glendale, at \$90,450 for all work complete for erecting a class A sub-station at Glendale for the municipal public service department. The building will be two-stories and basement, 50x125 ft., reinforced concrete construction. F. Diehrich is the plant supt.

GRIDLEY, Butte Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, will expend \$26,500 to const. new lines and provide additional facilities in the Gridley-Live Oak District.

TUCSON, Ariz.—Until 4 P. M., Feb. 23, bids will be rec. to furf. f. o. b. Tucson, one constant current regulator. Regulator must be the moving coil, station type of approximately 17 k. w. capacity. Primary voltage 2200, 60 cycle single circuit secondary for 6.6 amp. Regulator to be used on series incandescent st. lighting. Standard control panel to be furnished with the regulator. Panel to be equipped with ammeter, primary and secondary oil switches and necessary fusing arrangements. Bidder must give complete specifications of the equipment which he proposes to furnish and shall state delivery. Certified check, 10%. L. O. Cowan, city clerk.

OAKLAND, Cal.—Fastey Cable Co., at \$1688.40 sub. low bid to City Port Commission to fur. and del. 1200 ft. submarine power cable for city dredge. Other bids, taken under advisement, were: Standard Underground Cable Co., \$1896; General Electric Co., \$2187.

OAKLAND, Cal.—B. F. Sturtevant Co., San Francisco, at \$69,337 awarded cont. by county to fur. and install ventilating fans for Alameda county estuary tube project. Lincoln Electric Co., at \$14,172, awarded contract for motors.

SAN JOAQUIN VALLEY, Cal.—San Joaquin Light & Power Corp., Power Bldg., Fresno, and Midland Counties Public Service Corp., will spend \$9,037,571 during the current year in the San Joaquin Valley and coast communities served by their systems, according to A. Emory Wishon, vice president and general manager.

Three new 110,000-volt lines will reinforce the southern part of the system. The lines from Rio Bravo substation to Bakersfield steam plant will be completed this year with an expenditure of \$87,723. Work will start soon on line from Corcoran sub-station to Midway steam plant; cost \$339,550; and line from Midway steam plant to Taft sub-station, cost \$112,000. These lines will be built on steel poles through their entire length.

Steel structure will be installed on present line along Merced river above

Exchequer power house, providing for an increase to 70,000 volts. Construction has started on a 70,000-volt line from Merced to Merced Falls to facilitate interconnection with Don Pedro plant of Turlock Irrigation system. A 70,000-volt line is to be built bet. Newman and Gustine also.

New lines in southern part of system will require considerable change and enlargement of sub-station facilities. New apparatus at Taft will cost \$100,000. Installation of four 10,000-K.V.A. transformers started last year at Kern oil sub-station north of Bakersfield to accommodate the new Rio Bravo line will be completed at a cost of \$161,000. Additional switching equipment will be added at Corcoran sub-station and Rio Bravo sub-station at a cost of \$64,800.

A new sub-station will be erected north of Fresno. The first unit of this project will be completed this year at a cost of \$75,000. The Merced Falls sub-station will be entirely rebuilt, steel structure being used throughout, and transformer equipment being installed to provide for the output of the proposed new power house at this location. Approx. \$60,000 will be spent here. The Caruthers sub-station is to be rebuilt at a cost of \$33,655. Additional transformers will be installed at Livingston substation.

Provisions for connecting new business to the lines make up one of the

largest items of the budget. Routine extensions for the new service will cost \$7,800,467. Expenses for reinforcing distribution lines in districts where increased load warrants the work will amount to approximately \$387,042.

At the Bakersfield steam plant, switching equipment will be installed to accommodate new line from Rio Bravo sub-station, cost \$45,800. New equipment will be installed at Midway steam plant for the two additional 110,000-volt lines being brought in there, cost \$41,260.

In the Crane Valley system of hydro-plants it is proposed to reconstruct portions of conduit supplying No. 1 power house at a cost of \$13,029. Proposed improvements to the Crane Valley dam amount to \$170,000. Alteration work on the Merced Falls power house will start with an investment of about \$100,000 this year.

Provision is made in budget for Bakersfield Gas system, Merced Gas, Selma Gas and Water, and Arroyo Grande Water, subsidiaries of the power companies, a total of \$154,377 being allotted to these companies. Bakersfield Gas will expend approx. \$127,617 for construction during 1928, including \$65,292 for the expenses of connecting new business. More than 14,000 feet of additional six-inch high pressure transmission line will be laid at a cost of \$29,800. In Merced new



SAND

"I observed a locomotive in the railroad yards one day. It was waiting at the roundhouse where the locomotives stay. It was panting for the journey; it was coaled and fully manned, And it had a box the fireman was filling full of sand.

It appears that locomotives cannot always get a grip, on their slender iron pavements 'cause the wheels are apt to slip, and when they reach a slippery spot their tactics they commence. And to get a grip upon the rails, they sprinkle it with sand.

If your track is steep and hilly, and you have a heavy grade, And if those who've gone before you have the rails quite slippery made; If you ever reach the summit of the upper table land, You'll find you'll have to do it with the liberal use of sand.

If you strike some frigid weather and discover to your cost, That you are liable to slip on a heavy coat of frost, Then some prompt decided action must be called into demand, For you'll slide clear to the bottom, if you haven't any sand.

But you can get to any station that is on life's schedule seen, If there's fire beneath the boiler of ambition's strong machine; And you'll reach the place that's called success at a rate of speed that's grand, If for all the slippery places, you've a good supply of SAND."

SAND IS what.

WE ALL need.

WHETHER WE build a house.

OR OUR characters.

YOU NEED clean sand.

WHEN YOU build buildings.

AND YOU also.

NEED CLEAN sand.

WHEN YOU build characters.

CLARENCE (SANDY) Pratt, president.

OF THE Pratt Building Material Co.

WITH SAND (and rock) plants.

AT SACRAMENTO, Marysville.

PRATTCO (MONTEREY County).

PRATTROCK (NEAR Folsom).

AND MAYHEW (Sacramento County).

(CENTRAL OFFICE—San Francisco).

HAS CLEAN sand.

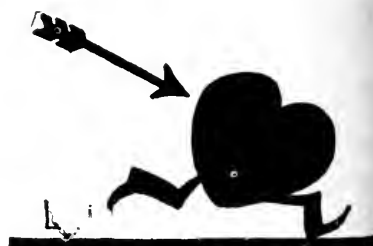
FOR ALL building construction.

AND SANDY hopes.

HE HAS the sand.

TO HELP build clean characters.

"I THANK you."



This is leap year and it takes "sand" to refuse a beautiful girl when she asks you to marry her (Sandy Pratt, producer of clean, sharp sand, rock and gravel, refers to unmarried men, the married ones have to say no). If you marry the girl, you need "rocks" (from Prattrock) to support her.

as sampling equipment will be installed, a total of \$12,900 making up the company's budget. Selma Gas has no major items in contemplation but expects to spend some \$2250 for connecting new consumers.

PUBLIC BUILDINGS

MERCED, Merced Co., Cal.—Until March 5, bids will be received by P. J. Thornton, county clerk, to erect Veterans' memorial building at Dos Palos. Est. cost \$5000. Plans prepared by W. E. Sedden, county surveyor, Shafter Bldg., Merced, and obtainable from that official.

FAIRFIELD, Solano Co., Cal.—Until March 5, bids will be received by county supervisors to fur. and install steel cells and jail equipment in branch county jail at Vallejo. Plans obtainable from clerk at Fairfield.

SAN LEANDRO, Alameda Co., Cal.—Election will be held April 9 to vote bonds of \$30,000 to purchase site and erect firehouse.

SACRAMENTO, Cal.—Until March 9, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect one-story brick machinery building with reinforced concrete foundations, common brick walls and tile roof. Est. cost \$135,000. Henry H. Gutterston, architect, 526 Powell St., San Francisco. Bids are wanted for (a) general contract to include all work except plumbing and electric work and (b) mechanical work which includes plumbing and electric work. Separate bids will be considered for electrical work and plumbing or combined bids for plumbing and electrical work. See call for bids under official proposal section in this issue.

RENO, Nevada.—Until March 14, 10 A. M., bids will be received by E. H. Beemer, county clerk, to install automatic and home heating plant in basement of Washoe County Jail. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

LIVINGSTON, Merced Co., Cal.—Until Feb. 28, 8 P. M., bids will be received by Edward J. Hicks, city clerk, to erect two-story brick city hall and firehouse, 25 by 40 ft. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

ONTARIO, San Bernardino Co., Cal.—The city council will call an election to vote bonds in the sum of \$110,000 for constructing municipal plunge and bathhouse and improvements for city parks. The plunge and bathhouse are estimated to cost \$40,000 and the remainder will be for buildings, sewerage, recreation facilities and lawns in the parks.

GUERNEVILLE, Sonoma Co., Cal.—A. J. P. Jensen, local contractor, will erect quarters for fire department on a lease basis; will be frame and stucco construction; Spanish type of architecture.

SOUTH SAN FRANCISCO, Cal.—New bids, to be opened Feb. 27th, 7:30 P. M., are being taken by Mr. McSweeney, city clerk, for the construction of a one-story concrete fire house for housing fire alarm system. R. C. Stickle, 304 Linden St., South San Francisco, submitted the only bid at previous bid opening, at \$3297, which was rejected.

RESIDENCES

Plans Being Prepared
RESIDENCE Cost \$10,000
OAKLAND, Alameda Co., Indian rd.
Two-story frame and stucco residence,
6 rooms, 3 baths.
Owner—Ray Wilson.
Architect—Frederick Reimers, 1624 Franklin st., Oakland.
Plans will be ready for bids in three weeks.

Plans Being Prepared
RESIDENCE Cost \$25,000
PIEDMONT, Alameda Co.
Two-story frame and stucco residence,
10 rooms, 5 baths.
Owner—Willard Miller.
Architect—Frederick Reimers, 1624 Franklin, Oakland.
Plans will be ready for bids in 30 days.

Contract Awarded
RESIDENCE Cont. price \$16,500
OAKLAND, Alameda Co., SW Ashmont and Clarendon Crescent sts.
Two-story frame and stucco residence.
Owner—Sero Miglearacca, 5 The Uplands, Oakland.
Architect—K. Elliott Ponsford, 900 Creed rd., Oakland.
Contractor—Ben F. Kopf, 845 Pacific st., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. Baywood.
One-story seven-room frame and stucco residence (Spanish type).
Owner—J. L. Pierce.
Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.
Plans will be ready for bids in one week.

SANTA ROSA, Sonoma Co., Cal.—H. L. Kemp, has had plans prepared for a duplex bungalow court to be erected in Mendocino Ave. south of Berry Lane. Structures will consist of two 2-room and kitchenette apartments in each bungalow. About twelve bungalows will be constructed.

Plans Being Prepared.
RESIDENCE Cost, \$8000
OAKLAND, Alameda Co., Cal. Laguna St. near Montana St.
One-story frame and stucco residence (7 rooms, 1 bath).
Owner—Peter Conens.
Architect—Hugh White, Syndicate Bldg. Oakland.
General bids will be taken in two weeks

Plans Being Figured
RESIDENCE Cost \$15,000
PIEDMONT, Alameda Co., Oakland ave.
Two-story frame and stucco residence,
10 rooms, 3 baths.
Owner—Mary L. Laymance, 460 Staten st., Oakland.
Architect—Slocumbe & Tuttle, 337 17th st Oakland.

Completing Plans
RESIDENCE Cost \$16,000
PIEDMONT, Alameda Co., Requa Highlands.
Two-story frame and stucco residence,
9 rooms, 3 baths.
Owner—Frank Stears.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
General bids will be taken in about 10 days.

Preparing Working Drawings
RESIDENCE Cost \$35,000
BERKELEY, Alameda Co., Cal., Arlington ave.
Two-story and basement frame and stucco residence, Basque type of architecture, 15 rooms and 6 baths.
Owner—Robert Woodville.
Architect—Edwin L. Snyder, 2108 Addison st., Berkeley.

Preparing Working Drawings
RESIDENCE Cost \$40,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence,
12 rooms.
Owner—Withheld.
Architect—Claude B. Barton, 1804 Harrison st., Oakland.

Plans Being Prepared
RESIDENCE Cost \$7000
CORTE MADERA, Marin Co.
Two-story frame and stucco residence, English type.
Owner—R. S. Cochrane.
Architect—A. Froberg, Ray Bldg., Oakland.
Work is to be done by day's labor.

Contract Awarded
RESIDENCE Cost \$30,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame residence (Spanish type, 14 rooms, 4 baths).
Owner—Mr. and Mrs. Henry Sutherlin.
Architect—Masten & Hurd, Shreve Bldg.
Contractor—Henry Papenhausen, 595 Victoria st.

Contract to be Awarded
RESIDENCE Cost \$11,500
PIEDMONT, Alameda Co., Cal.
Two-story 7-room frame and stucco residence (English type).
Owner—Calislie Crosby, Central Bank Bldg., Oakland.
Architect—W. E. Schrimmer, Thayer Bldg., Oakland.
Contractor—H. M. Shane, 558 Radnor rd., Oakland.

Plans Being Completed
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., Haddon Hill
Two-story frame and stucco residence,
8 rooms, 2 baths.
Owner—Withheld.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
Plans will be ready for bids Feb. 14.

Plans Being Prepared
RESIDENCE Cost \$7000
BERKELEY, Alameda Co., Shattuck ave, near Berryman Park.
Two-story frame and stucco residence.
Owner—Mr. Hughes.
Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.
Bids will be taken for a general contract in 30 days.

Plans Being Prepared
RESIDENCE Cost \$14,000
OAKLAND, Alameda Co., Casa Altadena.
Two-story frame and stucco residence, English type.
Owner—Harry Stockman.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.

Contract Awarded
RESIDENCE Cont. price \$11,750
OAKLAND, Alameda Co., Cal., Oakland Highlands.
Two-story and basement frame and stucco residence (8 rooms, 2 baths).
Owner—G. O. Klinger, 2122 California st, Berkeley.
Architect—Miller & Warnecke, 1404 Franklin st., Oakland.
Contractor—Benjamin F. Woolley, 712 Adams st., Albany.

Bids Opened—Under Advisement.
RESIDENCE Cost, \$8000
OAKLAND, Alameda Co., Cal. Park Boulevard.
Two-story frame and stucco residence (two four-room dwellings).
Owner—Miss Jacobsen.
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.
Bids ran quite high and may be rejected.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Contract Awarded
HOME Cost \$40,000
OAKLAND, Alameda Co., Cal., Claremont Pines.
 Two-story brick model home (7 rooms; 5 baths; 3-car garage).
 Owner—The Oakland Tribune.
 Architect—Frederick H. Reimers, Tribune Tower, Oakland.
 Contractor—Dudley De Velbiss, 354 Hobart st., Oakland.

Working Drawings Being Prepared
RESIDENCE Cost \$20,000
SAN FRANCISCO, NE Pacific ave. and Lyon st.
 Two-story nine-room frame and stucco residence.
 Owner—George Boardman.
 Architect—Frederick H. Reimers, Tribune Tower, Oakland.
 Plans will be ready for bids in ten days.

Plans Being Figured
RESIDENCE Cost \$10,000
PIEDMONT, Alameda Co., Cal., Monte ave.
 Two-story frame and stucco residence, 8 rooms and 2 baths.
 Owner—Mr. Dickoff.
 Architect—Ernest Flores, 2534 Soito st., Richmond.

To Be Done by Day's Work
RESIDENCE Cost \$18,000
OAKLAND, Alameda Co., Cal., Clinton avenue.
 Two-story frame and stucco residence (8 rooms and 2 baths).
 Owner—J. Delaney, Alameda.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.

SCHOOLS

LOS ANGELES, Cal.—Until 9 A. M., February 29th, bids will be received by the Los Angeles Board of Education for the erection of an addition to the Thomas Starr King Junior High School, northeast corner of Fountain and Myra Aves. Separate bids will be taken on general work, plumbing, painting, heating and ventilating, and electric wiring. Plans may be obtained at 761 Chamber of Commerce Bldg., Wm. A. Sheldon, secretary. Roland E. Coate, architect; O. W. Ott, heating and ventilating engineer. Addition will be one-story and part two-story, 152x130 feet; concrete and brick construction. Cost, \$125,000.

OROVILLE, Butte Co., Cal.—City Board of Education has purchased two pieces of property adjacent to Bird st. school with frontage of approx. 146 ft. Additional school facilities will be provided on the new property.

Plans Being Prepared
SCHOOL Cost \$250,000
REDWOOD CITY, San Mateo Co.
 Second unit of high school.
 Owner—Sequoia Union High School District.
 Architect—Gottschalk & Rist and A. I. Coffey, Phelan Bldg., S. F.

Work consists of an additional wing for main building to house 17 classrooms; girl's gymnasium addition; remodel present gymnasium for boys; erect new mechanical arts building on unit plan, a woodshop and machine shop being the first unit (the present building to be used for general shop), new structure to house cafeteria and music departments. These improvements will provide school facilities for 1500 pupils.

COALINGA, Fresno Co., Cal.—Architects Swartz & Ryland, Rowell- Chandler Bldg., Fresno, are completing plans for \$50,000 gymnasium to be erected for Coalinga Union High School District.

Plans Ready for Bids in One Week
SCHOOL Cost \$100,000
HOLLISTER, San Benito Co.
 Second unit of high school buildings (2-story concrete construction).
 Owner—San Benito High School Dist.
 Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-1st st., San Jose.

MADERA, Madera Co., Cal.—Until Feb. 27, 4:30 P. M., bids will be received by R. Van Fleet, Clerk, Arcola School District, to erect new school. Cert. check or bidder's bond of 10% req. with bid. Plans obtainable from clerk, Route 2, Box 62, Madera.

Planned
SCHOOL Cost \$—
SAN FRANCISCO, 2222 Broadway, 137½ x 275.
 Extensive alterations to residence for school, 24 rooms.
 Owner—Miss Hamlin's School, 2234 Pacific ave.
 Architect—None.

The new stockholders and directors are as follows: M. M. O'Shaughnessy, city engineer; W. W. Douglas of the Bank of Italy, Mrs. Alfred McLaughlin, Mrs. A. C. Sloss and Mrs. Joseph B. McKeon. Mrs. Stanwood is to continue as head of the school.

The mansion itself is served with an automatic elevator and other facilities for school purposes and is well adapted for its needs. The grounds are ample to provide for two tennis courts and a playground, as well as other recreational facilities.

SANTA ROSA, Sonoma Co., Cal.—Geo. A. Lawrence, Sebastopol, at \$5859.65 was awarded the contract by E. J. Cunningham, clerk, American Valley Joint School Dist., to erect 2-classroom frame school. Bonds of \$8000 voted to finance construction. Wm. Herbert, architect, 520 Rosenberg Bldg., Santa Rosa.

Final Plans Approved
SCHOOL Cost \$28,000
OAKLAND, Cal.—Horace Mann School.
 Two-story frame and stucco school bldg., 4 classrooms, 180 seating capacity.
 Owner—City of Oakland Board of Education.
 Architect—Building and Grounds Dept. of Board of Education.
 Bids will be advertised for shortly.

OAKLAND, Cal.—Until Feb. 28, 10:45 a. m., bids will be rec. by John W. Edgemond, secty., Board of Education, 211 City Hall, to erect Lakeview Junior High school shop building in Harrison st. near 26th. Will be one-story, of brick construction; est. cost \$75,000. Cert. check 10 per cent payable to Board of Educ. req. with bid. Plans obtainable from Supt. of Bldgs., 337 12th st., Oakland. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Feb. 28, 10:45 a. m., bids will be received by John W. Edgemond, secty., Board of Education, 211 City Hall, to erect Lakeview Junior high school gymnasium in Harrison st. near 26th st. Will be two-story, of brick construction; est. cost \$75,000. Cert. check 10 per cent payable to Board of Educ. req. with bid. Plans obtainable from Supt. of Bldgs., 337 12th st., Oakland. See call for bids under official proposal section in this issue.

SAN DIMAS, Los Angeles Co., Cal.—Foss Designing & Building Co., 171 S Los Robles ave., Pasadena, has prepared plans and will build four dormitories, three dwellings, chapel and garage near San Dimas, for Voorhees School for Boys; frame and stucco construction; cost \$152,000.

TULARE, Tulare Co., Cal.—Until Feb. 27, 7:30 P. M., bids will be received by R. S. Middleton, clerk, Laurel School District, (at the office of the County Supt. of Schools at Visalia), to erect 2-classroom school. Dean & Dean, architects, California State Life Bldg., Sacramento. Cert. check or bidder's bond 5% req. with bid. Plans on file in office of clerk and obtainable from County Supt. of Schools at Visalia.

FRESNO, Fresno Co., Cal.—Until March 8, 5 P. M., bids will be received by L. L. Smith, Secty., Board of Education, 2425 Fresno St., to fur. and install 2184, more or less, steel lockers, 12x12x24 in. in rows of 7 lockers long, 3-tier high, back to back, a total of 52 bays of 42 lockers each. Bidder's bond or cert. check 10% req. with bid. Specifications obtainable from Secty. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Feb. 28, 10:30 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, 211 City Hall, to fur. and del. science laboratory furniture for school department. Cert. check 10% req. with bid. Specifications obtainable from Business Manager of Board, 211 City Hall. See call for bids under official proposal section in this issue.

WASCO, Kern Co., Cal.—Wasco Union High School District will ask bids at once, to be opened probably March 10, to erect \$90,000 auditorium; will be brick or stucco construction or concrete construction; 80 by 140 ft. seating capacity 1170 persons. Further mention will be made of this work. Kump & Johnson, Rowell Bldg., Fresno, architects.

PASADENA, Los Angeles Co., Cal.—Until 11 A. M., March 6, bids will be received by the Pasadena Board of Education for the erection of a two-story addition to the John Marshall Junior High School Building at Pasadena. Bids will be taken separately for the general, plumbing, painting, heating and electric wiring. Plans may be obtained at the office of the Pasadena Board of Education. John C. Austin and Frederick M. Ashley, architects, 608 Chamber of Commerce Bldg., Los Angeles. The addition will contain 19 rooms; reinforced concrete construction. Cost, \$110,000.

LOS ANGELES, Cal.—Architect Harold Cross, 555 Metropolitan Theatre Bldg., has been commissioned to prepare preliminary plans for a large concrete church and Sunday school buildings, to be erected at the corner of Griffith Park Blvd. and Lucile ave., for the Bethany Presbyterian Church; the Sunday school building will be 3 stories and basement and will contain several assembly rooms, 48 classrooms, study for pastor, offices, kitchen and social hall and nursery. The proposed buildings will be of Spanish type architecture, reinforced concrete construction; cost \$200,000.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

LONG BEACH. Los Angeles Co., Cal. J. D. Sherer & Son, 1865 E. Anaheim St., Long Beach, were low bidders at \$2,468 on the general contract for erecting a three-story Class A reinforced concrete administration building at the corner of Seventh St. and Locust Ave., Long Beach. Dedrick & Bobbe, 901 Hartwell Bldg., are the architects. Low bidders on other contracts were: W. B. Walters, Long Beach on painting at \$150; B. Hartman Electric Co., Long Beach, on electric wiring at \$5185; Jackson Bros., San Pedro, on plumbing at \$4486; O. E. Ross, Long Beach, was low on heating at \$7091 but stated that he had made an error. Coony & Winterbottom, L. A., were next low bidders at \$7075. The building will be 146x75 feet, reinforced concrete construction.

Plans to be Prepared
ATE Cost \$50,000
WESTWOOD, Los Angeles Co., Westwood Campus.
ate, will conform in architecture to university bldgs.
owner—University of Southern Calif.
architect—George Kelham, 315 Montgomery st., S. F.
\$50,000 has been donated by the Janss Investment Co. of Los Angeles to construct same.

CLAREMONT. Los Angeles Co., Cal.—Webber & Spaulding, 627 S. Carondelet st., have prepared preliminary plans for a group of buildings, to constitute a complete men's dormitory, to be erected on the campus of Pomona College at Claremont. The complete structure is to cost about \$1,000,000. Work will probably be started on the first unit in order to have it completed and ready for occupancy in 1929. The plans for this unit will be started in May.

GLENDALE. Los Angeles Co., Cal.—Ray Gould, 403 Union Insurance Bldg., Los Angeles, was awarded the general contract by the Glendale Union High School District at \$157,700 for the construction of a music building at E. Broadway and Verdugo Rd., and a mechanical arts building at E. Colorado and School st., Glendale. Award was based on Mr. Gould's bid of \$146,400 plus \$11,400 for additional music building classrooms, \$1000 for acoustical plaster, \$1700 for concrete retaining wall, \$240 for sidewalks, and a deduction of \$3040 for omitting paint finish on exterior plaster. Coker & Taylor, 209 S. Brand Blvd., Glendale, were awarded plumbing contract at \$10,742, including additions of \$115 for extra classrooms and \$1000 for yard drainage. Jones Heating Co., 28 E. Union St., Pasadena, was awarded steam heating contract at \$6524, including addition of \$700 for extra classrooms. Newbery Electric Corp., Los Angeles, was awarded electric wiring contract at \$12,059, including addition of \$423 for extra classrooms. Hammel Radiator Corp., 715 S. Figueroa St., Los Angeles, was awarded gas heating contract at \$1950. George M. Lindsay, architect; Erwood P. Eiden, associate, 1008 W. 6th St., Los Angeles. Music building will be a three-story, Class B structure, 70x115 feet, and the mechanical arts building two-story and part one-story, containing 35,000 sq. ft. of floor space, concrete and brick construction.

BANKS, STORES & OFFICES

Plans Completed.
BANK Cost, \$20,000
OAKLAND, Alameda Co., Cal. Seventy-fourth Ave. and Foothill Blvd.
One-story reinforced concrete and brick bank building.
Owner—The Oakland Bank.
Architect—George O'Brien, Federal Telegraph Bldg., Oakland.
Manager of Constr.—William Wheeler, 12th and Broadway, Oakland.
Building permit applied for.

Work Started
ALTERATIONS Cost \$—
SAN FRANCISCO, Geary st, near Kearny st.
Extensive alterations to store bldg.
Owner—S. Penaderet, Inc.
Architect—None.
Wrecking—Barrett & Hilp, 918 Harrison st.
Interior work — Mullen Mfg. Co., 64 Rausch st.

Contract Awarded
AUTO BLDG. Cost \$30,000
SAN RAFAEL, Marin Co., 4th and E sts.
One-story reinf. concrete auto sales and store bldg., 2 stores.
Owner—Harry Kruger.
Architect—S. Heiman, 57 Post st.
Contractor—Leibert & Trobeck, 185 Stevensen st.

Excavating Contract Awarded
STORE BLDG. Cost \$3,000,000
OAKLAND, Alameda Co., Cal., 20th st. and Broadway (80,000 sq. ft.)
Four-story, basement and sub-basement class A department store building (foundation for 10 stores to be added at a later date).
Owner—H. C. Capwell Co., Oakland.
Architect—Ashley & Evers, 535 Market st., San Francisco, and Starrett & Van Vleck, New York City, N. Y.
Fixture architecture—Tausig & Flesch, Chicago.
Contractor—J. C. Walker, Sharon Bldg., San Francisco.
Excavating—J. Catucci, 1212 18th ave. Oakland, \$30,299.90.

Those interested in the project include: A. B. C. Dohrmann, Edward E. Ashley, mechanical engineer; and Frank Gaertner of the firm of Starrett & Van Vleck; G. F. Ashley and A. J. Evers of Ashley & Evers; C. W. Steines, managing director of the holding corporation; L. C. Lipman, manager of the Capwell store; T. W. Sullivan, merchandising manager of the store; E. H. Furth, comptroller of the Capwell Co.; L. F. Dinkelspiel, store superintendent, and Ceibert Capwell, assistant secretary of the Capwell Co.

Plans Completed.
STORE BLDG. Cost, \$10,000
BERKELEY, Alameda Co., Cal. Adeline St. near Shattuck Ave.
One-story frame and brick veneer store building.
Owner and Builder—L. I. Cox.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.
Sub-bids will be taken soon.

Structural Steel Contract Awarded
OFFICE BLDG. Cost approx. \$5,000,000
SAN FRANCISCO, N Sutter st. bet. Stockton and Powell sts.
Twenty-six-story and basement class A office bldg. (400 offices and garage for 500 cars in rear; foundation for 30 stories).
Owner—450 Sutter St., Inc., Dr. F. C. Morgan et al, 424 Hunter-Dulin Bldg., S. F.
Architect—Miller & Pfueger, 580 Market st., S. F.
Contractor—Lindgren & Swinerton, Inc., 225 Bush st.
Structural steel—McClintic-Marshall Co., 2050 Bryant.

Plans Being Prepared
STORE Cost \$—
SAN FRANCISCO, Phelan Bldg.
Alterations to store, new fronts, fixture work.
Owner—Paul Carroll.
Architect—Gottschalk & Rist and A. I. Coffey, Phelan Bldg.

Bids In—Under Advisement.
STORE Cost \$—
SAN FRANCISCO, Flood Bldg.
Alterations and additions to candy store.
Owner—Varella's Candy Store, Flood Bldg.
Architect—Gottschalk & Rist, Phelan Bldg.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Leinf. Steel Contract Awarded
WAREHOUSE Cont. price \$99,180
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner — Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Clinton Construction Co., 923 Folsom st., S. F.
Reinf. Steel—Badt-Falk & Co., 74 New Montgomery st., S. F.

REDDING. Shasta Co., Cal.—William Stephens, Redding, awarded contract by J. C. Penney Co., to erect one-story brick addition to present store in Market street near Butte St.; will be 23 by 33 ft.

MERCED. Merced Co., Cal.—Wieland Bros., Merced, have contract at \$8000 to erect one-story brick grocery store building for Leonis Bros., in 18th St., bet. K and L Sts.; 125 ft. in length.

Ready For Bids February 16.
STORE BLDG. Cost, \$—
SAN FRANCISCO. Howard St. near Fourth St.
Two-story reinforced concrete store building, 50x80 feet.
Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.
Architect—W. H. Crim, 425 Kearny St., San Francisco.

Plans Being Prepared—Steel Contract Awarded.
TELEPHONE EXCHANGE \$150,000
OAKLAND, Alameda Co., Cal. Forty-fifth and Telegraph Ave.
Four-story and basement steel frame, brick and concrete telephone exchange building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., S. F.
Engineer—E. V. Cobby, 140 New Montgomery St., San Francisco.
Structural Steel—Judson Pacific Co., 604 Mission St., San Francisco.
Plans will not be completed for 60 days.

WATSONVILLE. Santa Cruz Co., Cal.—Dr. E. W. Baumgardner, 310 E. Lake St., Watsonville, is having plans prepared for two-story, stores and ballroom structure, 60 by 115 feet, to be erected in upper Main street. The ballroom will contain approx. 5000 sq. ft. Further mention will be made of this work when the plans are further advanced.

Sub-Contracts Awarded.
BUILDING Cost, \$80,000
SAN FRANCISCO. NE Eddy and Gough Streets.
Three, four and five-story steel frame and reinforced concrete building.
Owner—Associated Charities, 1500 Jackson St., San Francisco.
Architect—Bernard Maybeck, 163 Sutter St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Heating—C. Petersen Co., 390 6th St., San Francisco.
Plumbing—W. J. Forster, 3554 4th St., San Francisco.

As previously reported, concrete awarded to Mission Concrete Co., 125 Kissling St., San Francisco; grading to Sibley Grading & Teaming Co., 165 Lanfers St., S. F.; structural steel to Judson Mfg. Co., 604 Mission St., S. F.; elevators to Spencer Elevator Co., 166 7th St., S. F. Sub-bids are being taken on other portions of the work.

Bids To Be Taken Next Week.
ALTERATIONS Cost, \$—
SAN FRANCISCO. No. 779 Market St.
Alter present theatre building for market Owner—Thomas Magee, 60 Sutter St., San Francisco.
Architect—Miller & Pfueger, 580 Market St., San Francisco.
Lessee—Shapiro Bros., 945 Market St., San Francisco.

SEATTLE. Wash.—Architect Albert C. Martin, Higgins Bldg., has been commissioned to prepare plans for an eight-story Class A furniture building to be erected at Seattle for Peck & Hills Furniture Co. It will be 120x120 feet with a wing, 60x120 feet. The construction will be of reinforced concrete. L. L. Lucas, 2201 Ashby Ave., Berkeley, will be the contractor.

MARYSVILLE. Yuba Co., Cal.—Variety store of R. E. Lance in D St., bet. 3rd and 4th Sts., suffers \$10,000 fire loss.

MERCED, Merced Co., Cal.—Liner & Allen, Merced, have contract to erect one-story brick store and service department building for S. W. Zentner to be leased to W. H. Senn. Electric distributor. To be erected in 16th St., bet. J and K Streets.

Sub-Contracts Awarded.
BANK BLDG. Cost, \$40,000
RICHMOND, Contra Costa Co., Cal. Twelfth St. and Macdonald Ave. One-story concrete bank building. Owner—Richmond Commercial & Savings Bank (Geo. E. Barnett, President). Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F. Contractor—Wallace Snellgrove. **Plumbing**—J. I. Collins, Richmond. **Steel Reinforcement**—Bald-Falk, 74 New Montgomery St., San Francisco. **Structural Steel**—Pacific Coast Eng. Co., Ft. 14th St., Oakland. **Concrete**—J. H. Fitzmaurice, 354 Hobart St., Oakland. **Cement**—Cowell Portland Cement Co., 2 Market St., San Francisco. **Rock & Sand**—California Rock Co., Mills Bldg., San Francisco. **Lumber**—San Pablo Lumber Co., Richmond. **Hauling of Material**—Richmond Supply Co., Richmond.

Sub-contracts Awarded
STORE BLDG. Cost \$10,000
OAKLAND, Alameda Co., Cal., Twenty-sixth and Adeline sts. One-story class C store building. Owner and Builder—Al Hawkins, Hearst Bldg., S. F. Engineer—T. Ronneberg, Crocker Bldg., San Francisco. **Brick work**—White & Gloor, Monadnock Bldg., S. F. **Steel**—Schrader Iron Works, 1240 Harrison St., S. F. **Steel sash**—Lechstra Co., 417 Market St., S. F. **Lumber and mill work**—Sunset Lumber Co., foot of Oak St., Oakland. **Sheet metal**—Fluren & Arneson, 2915 Newman St., Oakland.

Contemplated
BANK Cost \$100,000
SAN FRANCISCO, SE Fillmore & O'Farrell sts. Two-story reinforced concrete bank and office bldg. Owner—American Trust Co., 464 California. Architect and Mgr. of Const.—C. R. Colupy, 464 California.

LOS ANGELES, Cal.—Architects John J. Frauenfelder, 1116 Story Bldg., A. C. Martin and Harold S. Johnson have completed plans and bids are being taken for the 2-story, class B building, 75x151 feet, to be erected at 1147 S Grand Ave., for the Los Angeles Realty Board. The following contractors have been invited to submit bids: J. V. McNeill Co., 5860 Avalon Blvd.; Edwards, Wildey & Dixon, Edwards-Wildey Bldg.; Bavin & Burch Co., 173 E. Jefferson St.; Clarence Bean, Story Bldg.; Stanton, Reed & Hibbard, 1107 Architects Bldg.; John M. Cooper, 1301 Rives-Strong Bldg.; Luther T. Mayo, Black Bldg.; John Simpson Co., 701 Antonio Ave. The general contract will include all work except painting and decorating, and landscaping. The building will contain an assembly hall with stage, offices, kitchen, etc.; steel frame construction; cost, \$150,000.

MONTREY, Monterey Co., Cal.—Fred McCrary, Monterey, at \$12,500 awarded contract by Palace Drug Co. to erect one-story (2) stores, 50x60 ft., Spanish type of architecture, at Lighthouse ave. and Hoffman St. McCrary has awarded the following sub-contracts: Chas. Frost, roofing and tile; W. H. Ingram, plastering; Patrick, plumbing and sheet metal work; W. P. Fuller, glass.

SANTA ANA, Orange Co., Cal.—Santa Ana Development Co., A. N. Zerman, president, will erect a two-story business building at the southwest corner of Second and Broadway. Santora Land Co., W. A. Huff, president, will erect a two-story business building at the northeast corner of Second and Broadway, and F. B. Smith will erect a two-story business building at Fourth and Broadway; total cost \$250,000.

THEATRES

Additional Sub-contracts Awarded
THEATRE Cost approx. \$2,000,000
SAN FRANCISCO, block bounded by Market, Hayes, Larkin and Polk sts. Class A theatre building with seating capacity of 5200. Owner—The Capital Company, A. P. Giannini, president. Lessee—Fox Film Corp. Architect—Thomas W. Lamb, 8th ave., New York City, and H. A. Minton, Bank of Italy Bldg., S. F. Engineer—H. L. Nishkian, Underwood Bldg., S. F. Mechanical Engineer—Chas. H. Phillips, 550 Montgomery St., S. F. Contractor—MacDonald & Kahn, Financial Center Bldg., S. F. **Electrical work**—Alta Electric Co., 938 Howard St. **Heating and ventilating**—James Nelson, 10th and Howard sts. **Sheet metal work**—Morrison Bros., 74 Duboce ave. Other awards made reported Feb. 2, 1928.

Test Boring Contract Awarded
OPERA HOUSE Cost \$1,500,000
SAN FRANCISCO, block bounded by Van Ness ave., Franklin, Grove and Fulton sts. Class A opera house, seating capacity 4000, standing room 500. Owner—San Francisco War Memorial (John S. Drumm, chairman). Architect—G. Albert Lansburgh, 140 Montgomery St., and Arthur Brown, 251 Kearny St., S. F. A Wagstaff, 381 Bush St., in charge of memorial drafting room. Contract for test borings at site was awarded to J. B. Rogers, 110 Sutter St., S. F. Working drawings are being prepared and will be ready for bids in about 4 months.

Date of Opening Bids Postponed Until
February 18th.
THEATRE Cost, \$150,000
REDWOOD CITY, San Mateo Co., Cal. Broadway, opp. Courthouse. Class A theatre (seating capacity 1500). Owner—Hare, Brewer & Clark, Inc., 130 University Ave., Palo Alto. Architect—Reid Bros., 105 Montgomery St., San Francisco. Lessee—E. J. Arkhurst.

Contract Awarded—Sub-bids Being Taken
THEATRE Cost \$150,000
SAN RAFAEL, Marin Co., Cal. Reinforced concrete theatre and store bldg. (seating capacity 1000, bleacher type, 7 stores). Owner—Dr. McKevitt. Architect—Clausen & Amandes, Hearst Bldg., S. F. Contractor—A. D. Disston, Hearst Bldg. Construction will be started within a few days.

RIVERSIDE, Cal.—Balch & Stanberry, Film Exchange Bldg., Washington and Vermont Ave., Los Angeles, are taking bids for erecting a Class A theatre, store and office building at northwest corner of Seventh and Market Sts., Riverside, for the West Coast Theatres, Inc., Film Exchange Bldg., Los Angeles; it will con-

tain an auditorium to seat 1600 people, 14 stores and 60 offices, 132x180 feet, reinforced concrete construction. Cost, \$300,000.

AVALON, Los Angeles Co., Cal.—Architects Webber & Spaulding, 627 S. Carondelet St., Los Angeles, are preparing working plans for a three-story theatre building to be erected at the Casino dance hall site, Avalon, Catalina Island, for the Catalina Island Co.; D. M. Renton, general manager; auditorium will seat 2000 people, large dance hall occupying the top oor, 230x230 feet, concrete, brick and steel construction. Cost, \$500,000.

WHARVES AND DOCKS

Plans Being Completed
WHARF Cost \$450,000
RICHMOND, Contra Costa Co., Waterfront. Wharf, 800 feet; cargo building, 800x150 feet; reinforced concrete construction throughout. Owner—City of Richmond (A. C. Faris, city clerk) and Parr Terminal Co. Engineer and Mgr. of Construction—H. J. Brunner, Sharon Bldg., S. F. Lessor—Parr Terminal Co., 1 Drumm St., S. F. Plans will be ready for bids in about two weeks.

MISCELLANEOUS BUILDING CONSTRUCTION

Mill Work Contract Awarded
TRAINING HOME Cost \$300,000
SAN FRANCISCO, N Silver ave., near Yale St. Four-story reinforced concrete and brick training home. Owner—The Salvation Army, 36 McAllister St., S. F. Architect—R. F. Inwood, 32 Atlantic ave., Long Beach. Contractor—Geo. T. Gayton, 36 McAllister St., S. F. **Mill work**—Reinhart Lumber Co., Jerrold and Barnveld sts. As previously reported, sheet metal awarded to Guilfoxy Cornice Works, 124 Howard St.; roofing to Malott & Petersen, 3221 20th St.; grading to Garfield, Farrar & Carlin, 67 Hoff St., S. F.; concrete to Mission Concrete Works, 125 Kissling St., S. F.

Plans Being Prepared
MAUSOLEUM Cost \$100,000
SANTA CRUZ, Santa Cruz Co., Graham Hill rd. and Ocean St., opp. Odd Fellows Cemetery. Reinforced concrete mausoleum, with interior of marble and bronze. Owner—Memorial Mausoleum Assn. Architect—B. J. S. Cahill, 357 12th St., Oakland. Those interested in the project include Henry Hamilton, C. A. Lindbergh, Wm. B. Parsons, J. M. Church and Harry Bias. It is expected to start construction after March 1.

Sprinkler System Bids Wanted
MEMORIAL PARK Cost \$200,000
HONOLULU, T. H., Diamond Head. Memorial Park (Columbarium, mausoleum, chapel, offices, etc.) Owner—Diamond Head Memorial Park, Inc. (Walter E. Wall, Mgr.) Architect—B. J. S. Cahill, 357 12th St., Oakland. Bids on other parts of the work are in and will be awarded in about two weeks.

Contract Awarded
ANIMAL HOME Cost, \$25,000
SAN JOSE, Santa Clara Co., Cal. Minnesota St. near Lincoln Ave. One-story reinforced concrete animal home, 48x76 feet. Owner—Santa Clara County Humane Society. Designer and Contractor—C. F. DeLaney, San Jose.

REDWOOD CITY, San Mateo Co., Cal. City sets April 9 as date to vote bonds of \$16,000 to finance construction of pedestrian subway under El Camino Real at Broadway.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
 SINCE 1885
 374 GUERRERO STREET, SAN FRANCISCO
 Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

SACRAMENTO, Cal.—Mrs. Blanche O. Gar, operating the Standard School of Private Secretaries, Twenty-second and J Sts., has purchased site, 40 by 160 ft., bet. K St., bet. 30th St. and Alameda Blvd., and will erect a two-story brick private school and apartment building; est. cost, \$35,000. Will have stucco finish; Moorish and Spanish type of architecture. First floor will provide quarters for 8 classrooms and administrative offices while the second floor will be given over to twelve electrically-equipped apartments of 2-rooms each.

YAKIAH, Mendocino Co., Cal.—Northwestern Pacific R. R., is having plans prepared for a modern freight and passenger station to be erected here; will be of frame and stucco construction. Work will be started when weather conditions permit.

PROVILLE, Butte Co., Cal.—Coast Rock & Gravel Co., Call Bldg., San Francisco, at approx. \$42,000 awarded contract to furnish approx. 20,000 tons of crushed rock and gravel for use on city roads in 1928.

Preparing Working Drawings
ADDITION Cost \$225,000
SAN FRANCISCO, Golden Gate Park, Kezar Stadium.

Owner—City and County of San Francisco.
Architect—Masten & Hurd, Shreve Bldg.
Consulting Engineer—Thomas F. Chace, Shreve Bldg.

Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 to 35 ft. New dressing rooms and pavilion for newspaper men and opera men will be provided.
Plans will be ready for bids in 45 days.

SONORA, Tuolumne Co., Cal.—Until Feb. 27, bids will be received by county supervisors to fur. and del. Black Oak timbers, 600 tons of crushed rock. Specifications on file in office of clerk. Robt. Tom, county surveyor.

BAKERSFIELD, Kern Co., Cal.—Fred Gremer, Bakersfield, at approx. \$25,000 awarded contract to erect 4-unit bungalow court for Dr. Fred Crease of Hollywood; garage building 40x100 ft., one story in height, will also be erected adjoining.

SAN LUIS OBISPO, Cal.—The following are the three low bidders on general contract, plumbing and electrical work, submitted to Adjutant General R. E. Mittelstaedt, Forum Bldg., Sacramento, for the construction of a group of frame and galvanized iron buildings. They are to be erected at the National Guard Training Camp, San Luis Obispo, for the State of California. Plans were prepared by Geo. B. McDougall, state architect, Forum Bldg., Sacramento. Est. at \$125,000.

General Contract	
E. Burgund, 906 Rodeo st., Beverly Hills	\$70,928
F. Shepherd, Stockton	88,974
Shuler & McDonald, Oakland	89,000
Plumbing	
Hately & Hately, 1710 19th st., Sacramento	\$49,555
Scott Co., Oakland	51,140
F. Serpa, San Jose	55,937
Electrical Work	
More Electric Co., 321 W Third st., Los Angeles	\$4600
L. Rosenberg Co., S. F.	4650
Webber-Pearce Elec. Co., S. F.	4938

Bids taken under advisement; referred to Washington.

OAKLAND, Cal.—County supervisors reject bids to fur. and install motor equipment for ventilating fans in Oakland and Alameda ventilating buildings at the Estuary tube project. New bids will be asked in the immediate future. Bids were: Electric Controller & Manufacturing Co., \$29,106; Butte Elec. Mfg. Co., \$29,668; Cutler-Hammer Mfg. Co., \$3,550.

GRASS VALLEY, Nevada Co., Cal.—Mutual Home Builders, Grass Valley, at approx. \$20,000 awarded contract to erect frame and stucco mortuary building at 10 Auburn ave. for Holmes Funeral Co.; story with tile roof and residence on second floor. Plans by J. S. Moore of Mutual Home Builders.

SAN JOSE, Santa Clara Co., Cal.—Proceedings have been started by city to construct concrete pedestrian tunnel under The Alameda opposite the Hester school. John J. Lynch, city clerk; Wm. Lopp, city eng.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

12677—Buying and Selling Representation. Paris, France. Old established commission agents, having large offices, stock rooms, experienced staff, are desirous of establishing business connections with San Francisco firms interested in importing goods from the Continent, or in exporting their products to Europe.
12682—Representation in Germany. San Francisco. Gentleman with international business experience, sailing for Germany shortly, offers his services to San Francisco firms as investigator, buyer or salesman.

12690—Iron Ore. Bo'Ness, Scotland. Exporters of iron ore desire to submit quotations on this commodity to interested San Francisco importers.

12694—Balso and Mahogany. Panama City, R. P. Suppliers of balso and mahogany wish to establish connections with San Francisco importers of these woods.

12695—Redwood Sawdust and Wooden Kegs. Parras, Coah., Mexico. Concern is in the market for redwood sawdust and wooden kegs to be used for packing grapes.

D-2758—Automatic Tire Inflating Equipment. Toledo, Ohio. Manufacturers of automatic tire inflating equipment known as the "airscale" air weighing machine, are desirous of securing a distributor for their line in this territory.

D-2759 — Laundry and Dry Cleaning Equipment. Atlanta, Ga. Dealers in advanced laundry and dry-cleaning equipment wish to communicate with San Francisco agents or dealers interested in handling such machinery.

D-2761—Battery Terminal. Omaha, Neb. Manufacturers of an improved type of battery terminal are anxious to market their product through some sales organization on the Pacific Coast. Descriptive circular on file with the Foreign and Domestic Trade Department.

D-2762 — Ladder Adjuster. Hayfork, Calif. Inventor of the "sure foot" ladder adjuster wishes to get in touch with a San Francisco manufacturer of iron or steel articles, who would be interested in manufacturing his invention.

A general conference of manufacturers, dealers and consumers to consider the standardization of refrigerators will be held in New York in March under the auspices of the American Engineering Standards Committee. A preliminary meeting was recently held to consider requests for standardization received by the Committee from the American Home Economics Association and the American Institute of Architects.

MEDUSA

White Portland Cement

(WATERPROOFED)

WITHOUT Portland Cement Stucco, the architecture of California would have missed much of its rare charm. Taking this architectural beauty and translating it into a thing of structural permanence has been a responsibility which builders everywhere have placed upon Medusa White Portland Cement with complete success.

THE SANDUSKY CEMENT COMPANY ENGINEERS' BUILDING CLEVELAND, OHIO

Manufacturers of Medusa White Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa Gray Portland Cement (Plain and Waterproofed); and Medusa Cement Paint.

Secure MEDUSA From Your Building Material Dealer

GEO. L. BROWN
Pacific Coast
Representative



Builders' Exchange
Box 82

Engineering News Section

BRIDGES

SACRAMENTO COUNTY, Cal.—Until March 1, 2 p. m., bids will be rec. by State Highway Commission, Highway Bldg., Sacramento, to const. undergrade crossing under tracks of Southern Pacific at Brighton, consisting of two conc. abutments with wing walls, about 2500 ft. of rdwy. and 630 ft. of sidewalk graded and paved with Port. cem. conc., and flood protection. See call for bids under official proposal section in this issue.

MARYSVILLE, Yuba Co., Cal.—County supervisors petitioned to const. lower Rio Oso bridge. Structure 100 ft. in length with an 80-ft. span is proposed. Referred to bridge committee for report.

STOCKTON, San Joaquin Co., Cal.—Until March 5, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to const. reinf. conc. culverts on Davis and Eight Mile roads. Cert. check 10 per cent payable to chairman of Bd. of Suprs. req. with bid. Plans obtainable from County Surveyor F. E. Smith.

ALAMEDA COUNTY, Cal.—Alameda county supervisors postpone action on application for franchise to const. proposed bridge from Point Fleming, near Alameda county, across San Francisco bay to Tiburon, Marin county, to February 20, when the application will be considered. The estimated cost of the bridge is \$18,750,000.

SUTTER COUNTY, Cal.—Following bids rec. Feb. 14 by State Highway Comm. to const. causeway on Yuba City to Knights Landing Highway over Sutter By-pass, involv. 42,132 ft. furnishing creosoted Douglas fir piles; 978 each driving Douglas fir piles; 820 M. feet board measure creosoted Douglas fir timber selected common stringers; 519 M. ft. board measure creosoted Douglas fir timber selected common; 147 M. board measure untreated Douglas fir timber selected common; 2280 cu. yds. class A cem. conc.; 180,000 lbs. reinf. steel; 100,600 lbs. hardware; 720 lin. ft. traffic treads.

Morrison Knudsen, Boise, Idaho.....	\$210,942
K. F. Knapp, Stockton.....	214,759
Holdener Const. Co., Sac.....	222,598
Chas. & F. W. Suskin, San Diego.....	224,429
Lord & Bishop, Napa.....	226,082
C. K. Nysted, Stockton.....	229,820
Peter P. Bender, No. Sac.....	230,369
C. Dren & L. Worl, L. A.....	231,879
K. W. Wood, Stockton.....	232,981
MacDonald & Kahn, S. F.....	233,423
Frederickson & Watson Construction Co., Oakland.....	235,192
Healy Tibbitts Const. Co., S. F.....	241,825
Duncanson & Harrelson, S. F.....	244,646
A. W. Kitchen, S. F.....	247,641
D. G. Johnson, Stockton.....	252,711
M. B. McGowan, S. F.....	263,890
Jasper-Stacey Co., S. F.....	264,059
Ben. C. Gerwick, S. F.....	267,015
Engineer's estimate.....	222,964

STOCKTON, San Joaquin Co., Cal.—Frederickson Bros., First National Bk. Bldg., Stockton, submitted low bid at \$34,482, and was awarded the contract by county supervisors to const. steel and timber bridge over Stanislaus river north of Riverbank to be financed jointly by San Joaquin and Stanislaus counties. Project involves 80 tons of steel (bridge), 6000 lbs. reinf. steel; 135 cu. yds. conc. in piers; 2748 ft. 14-in. treated Douglas fir piles; 1152 ft. 12-in. untreated Douglas fir piles; 2248 ft. B. M. No. 1 common Douglas fir timber; 74,516 ft. B. M. treated Douglas fir timber; 78,268 ft. B. M. selected common Douglas fir; 600 cu. yds. approach grades. Other bidders were: M. A. Jenkins, Stockton.....\$25,944
J. F. Shepherd, Stockton.....36,979
Nelson Bros.....38,875
D. G. Johns, Stockton.....38,882
Jasper Stacey Co., S. F.....38,800
M. B. McGowan, S. F.....39,987
Holdener Const. Co., Sac.....40,948

IMPERIAL CO., Cal.—See "Dredging, Harbor Works and Excavations" this issue. Bids wanted by State Highway Comm. for drainage ditches and dykes and timber bridges.

DREDGING, HARBOR WORKS AND EXCAVATIONS

IMPERIAL COUNTY, Cal.—Until Mar. 7, 2 p. m., bids will be rec. by State Highway Comm., Highway Bldg., Sacramento, to const. 19.7 mi. of drainage ditches and dykes and 8 timber bridges in Imperial County, bet. Trifolium Drainage Canal and Arroyo Salado Wash. See call for bids under official proposal section in this issue.

CROCKETT, Contra Costa Co., Cal.—Until Feb. 23, bids will be rec. by American Toll Bridge Co., 525 Market st., San Francisco (Geo. J. Calder, vice president), for rock fill in connection with fender system for Carqueinez Straits bridge. Will involve approx. 160,000 tons of rock. Spec. obtainable from above.

MARIN COUNTY, Cal.—Bids are being rec. by Lyman King, chief of the Division of Service and Supply, State Department of Finance, Sacramento, to const. 1 mi. of levee to reclaim 1300 acres of Dos Rios Island, for use of the San Quentin convicts for farming. Spec. obtainable from above.

HANFORD, Kings Co., Cal.—Until March 9, 7 P. M., bids will be rec. by D. Hadsell, Secty., for Channel improvement and const. of new channel along San Jose slough and Sand (or Faull) slough, involv. 185,000 cu. yds. earth; removal of trees, stumps and brush and const. of levees on each side of Channel. Spec. obtainable from Secty. See call for bids under official proposal section in this issue.

IRRIGATION PROJECTS

PLACERVILLE, El Dorado Co., Cal.—Until March 3, 10 A. M., bids will be rec. by R. W. Browne, Secty., El Dorado Irrigation District, to regrade lower Weber ditch from outlet to outlet of Texas Hill Tunnel near Placerville, involv. 28,807 lin. ft. ditch deepening and widening. Spec. obtainable from Secty. See call for bids under official proposal section in this issue.

RESPIRATORS are carried
to fit a variety
of needs

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

TURLOCK, Stanislaus Co., Cal.—J. E. Aldrin, Turlock, at \$11,823 awarded cont. by Turlock Irrigation District, to shape and for conc. lining approx. 2 mi. of existing ditches and install structure for Imp. Dist. No. 1, involv.: Schedule No. 1—Approx. 105,600 sq. ft. 2-in. thick concrete canal lining; schedule No. 2—Approx. 5 structures, a total of 9 cu. yds. of conc. and 900 ft. B. M. bridge timber

LIGHTING SYSTEMS

STOCKTON, San Joaquin Co., Cal.—City declares inten. (\$24) to install street lighting system involving 3-single light ornamental brackets and 222 ornamental Duplex lighting standards together with underground system in portions of Weber Ave., Main St., Center St., El Dorado Hunter and San Joaquin Sts. 1911 Act Lond Act 1915. Protests Feb. 27. A. L. Banks, city clerk. W. B. Hogan, city engineer.

SALINAS, Monterey Co., Cal.—Proceedings will be started shortly by city for completion of street lighting system in Monterey St. and in portions of Gabilan and Alisal Sts., Howard Cozzens city engineer.

WILLOWS, Glenn Co., Cal.—Proceedings started by city to install 54-electrolier standards in portions of Butte Tehama, Walnut and Sycamore sts; Mar. 1elite standards; est. cost \$11,000.

MADERA, Madera Co., Cal.—Property owners petition city to install electrolier system in Yosemite ave. bet. H and Lake sts. Two blocks facing county property are included in the district.

BERKELEY, Alameda Co., Cal.—Petitions are being circulated seeking in stallation of electrolier system in Euclid ave.

ALAMEDA, Alameda Co., Cal.—City Manager Clifton E. Heickok preparing estimates of cost for electrolier system in Park and Weber sts.

MACHINERY AND EQUIPMENT

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors contemplate purchase of motor trucks for road work to replace those now in use. Lloyd Bowman city surveyor.

SANTA BARBARA, Cal.—Elgin Stree Sweeper Co. awarded cont. by city at \$7450 to fur. street sweeper.

SONORA, Tuolumne Co., Cal.—County supervisors authorize purchase of 30-hr. Cletrac tractor for Supervisor Dist. No. 2. Robt. Thom, county surveyor.

RENO, Nevada.—Until March 14, 10 a. m., bids will be rec. by E. H. Beemer county clerk, to fur. and del. one tractor of Caterpillar type, cost not to exceed \$2650. Spec. on file in office of clerk. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 28, 2 P. M., bids will be rec. by A. J. Fowler, Clerk, Vineland School District, to fur. and del. one model L D 1½-ton Graham Bros. chassis suitable for school bus now owned by district. Specifications obtainable from clerk.

OAKLAND, Cal.—Cozzens Motor Co. 3820 San Pablo Ave., Oakland, at \$396 sub. low bid to City Port Commission to fur. and del. 4 dock tractors. Other bids Prescott Co., Seattle, \$4200; Don Peake Oakland, \$4320. Taken under advise ment.

FIRE EQUIPMENT

GIDLEY, Butte Co., Cal.—City Fire Chief recommends purchase of 2000 to 3000 ft. 2½-in. fire hose. Taken under advisement.

NORTH SACRAMENTO, Cal.—City will vote bonds of \$40,000, April 9, of which \$15,000 will be used for purchase of fire fighting equipment.

PLANANO, Kern Co., Cal.—Bids are being received by city trustees to fur. 500 ft. fire hose. Further information obtainable from clerk.

MERCED, Merced Co., Cal.—Until Feb. 27, p. m., bids will be rec. by W. J. Coughlin, city clerk, to fur. and del. 750 gal. quadruple combination motor driven machine with hose body, water tank and service truck equipment complete, for fire Dept.; \$5000 to be paid on delivery and one-half the balance one year thereafter and remaining one-half in 2 yrs thereafter; interest on deferred payments at the rate of 6 per cent per annum. Spec. on file in office of clerk.

RESERVOIRS AND DAMS

SAN DIEGO, Cal.—To finance completion of Sutherland Dam Water Project, it is estimated that a bond issue of \$1,000,000 will be needed in addition to \$1,000,000 of original bond money now on hand. The proposed new bond issue is roughly estimated as follows: Complete Sutherland dam, \$500,000; conduit from Sutherland to San Vicente dam site, \$750,000; inverting dam at San Vicente, \$150,000; pipe line from San Vicente to connect with El Capitan pipe line at Lakehead, \$100,000.

SAN DIEGO, Cal.—Plans for the proposed San Vicente Dam have been received by J. W. Williams, water engineer, from C. R. Oldberg, consulting engineer. Plans call for a 300 ft. multiple dam, impounding 72,121,000,000 gallons. The project for San Vicente involves, however, a dam costing but \$100,000.

BURLINGAME, San Mateo Co., Cal.—Until Feb. 20, 8 P. M., bids will be rec. by J. R. Murphy, city clerk, to const. Brewer Reservoir in connection with municipal water system including clearing and stripping of site totaling approx. 25.0 sq. ft. Excavation of cut-off trench containing approx. 126 cu. yds., excavation of trench for outlet containing 84 cu. yds.; excavation of reservoir involving 3400 cu. yds. and placing of embankment. Plans prepared by Loveland Engineers, Inc., 482 California St., San Francisco. Cert. check 5% payable to city eng. with bid. Plans obtainable from City Engineer and on file in office of city eng. See call for bids under official proposal section in this issue.

POMONA, Cal.—O. A. Gierlich and H. S. Hierlich, American National Bank Bldg., Monrovia, been retained by city to prepare plans for reservoir; est. cost, \$60,000.

PHOENIX, Ariz.—Salt River Valley Water Users' Association will vote March 20, on a proposal to bond association's assets for \$4,100,000, to provide funds to const. Stewart dam at a point about 10 miles below Mormon Flat Dam, and for the development of an additional 7000 K. W. A. for the Central Arizona Light & Power Co. The proposed Stewart Mountain Dam will be 170 feet high above bedrock, 1200 ft. in length at the top, including spillways, and 150 ft. at the river bed. The structure will involve about 80,000 cu. yds. concrete. C. C. Crain is superintendent of the association. His office is in Phoenix.

PIPE LINES, WELLS, ETC.

PLACER COUNTY, Cal.—North Fork Ditch Co. seeks permit from State Department of Public Works, Division of Water Rights, to appropriate water to irrigate 5000 acres in Placer county in return for an expenditure of \$50,000 in addition to \$600,000 already expended on ditches, etc. Const. of large reservoir and additional canals in contemplated.

PARADISE, Butte Co., Cal.—Following is a completed list of bids received by Paradise Irrigation District, J. E. Alley, engineer, to fur:

6800 ft. 5-in. Dipped or Soil Proof Pipe	Equal
Western Pipe & Steel Co., San Francisco, r. s. pipe.....	\$48
Sacramento Pipe Works, Sacramento, r. s. pipe.....	.50
Calif. Corru. Culvert Co., Berkeley, spiral welded.....	.35
Crane Co., Sacramento, 5-in. o. d. casing.....	.3690
Geo. H. Tay Co., San Francisco, 5¼-in. O. D. casing.....	.3977
Naylor Spiral Pipe Co., San Francisco, 5-in. Naylor spiral pipe.....	.6450
Pacific Pipe Co., San Francisco, 5½-in. O. D. used casing, (including welding).....	.4490

Contract awarded to Geo. H. Tay Co., San Francisco.

1800 ft. 4-in., Dipped or Soil Proof Steel Pipe or Equal

Same bidders submitted bids for this unit but did not accompany report.	
Dig 5830 ft. 12x24-in. trench	
Ray Ware, Paradise.....	\$125
Peirson & Garrett, Paradise.....	.0825
Crosiar, Paradise.....	.11
Moore & Lutton, Paradise.....	.08
William & Tremblay, Paradise.....	.05
O. Moore, Paradise.....	.075
A. B. Gebauer, Paradise.....	.11
United Concrete Pipe Co., Woodland.....	.40

Contract awarded to Williams & Trimblay.

Backfill 8590 ft. Trench

Ray Ware.....	\$025
Peirson & Garrett.....	.04
Crosiar.....	.03
Moore & Lutton.....	.04
P. Bier.....	.015
O. Moore.....	.03
A. Gebauer.....	.07

All above bidders for Paradise, Calif. Contract awarded to P. Bier.

Haul Pipe and Fittings

Williams & Tremblay.....	\$2.50 ton
P. Bier.....	.01 foot
A. Gebauer.....	2.00 ton

All bidders of Paradise. Bids taken under advisement until March 6.

TURLOCK, Stanislaus Co., Cal.—J. A. Aldrin, Turlock, at \$28,136.10 awarded cont. by Turlock Irrigation Dist. for concreting canals involving 247,470 s. ft. in addition to 11 stop gates, 6 check gates, 26 side gates, 6 bridges and 2 county road siphons. Carlson Bros., Turlock, at \$29,047 only other bidders.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny conferring with State Highway Commission regarding relocation to two miles of city water pipe lines in Jamison Canyon to permit highway construction. The question as to who shall bear the expense is yet to be settled.

OAKDALE, Stanislaus Co., Cal.—City plans to sink California well 100 additional feet. Geo. Macomber is city eng.

SEWAGE DISPOSAL PLANTS

WILLOWS, Glenn Co., Cal.—Until Mar. 5, 7:30 p. m., bids will be rec. by J. C. Eubank, city clerk, to fur. and install 54 Marbelite standards, 54 G. E. light Alabaster Ripple Globes with sockets, canopies, etc., together with underground system in Tehama st. bet. Oak and Willow sts.; Sycamore st. bet. S. P. right of way and Shasta st.; Walnut st. bet. Tehama and pt. 150 ft. west, etc. Spec. on file in office of clerk.

SANTA ANA, Cal.—City plans ornamental light system in St. Andrews pl. bet. Main st. and Woodland ave. and portions of other sts.; 1911 act. Involves Marbelite standards, curbs, walks, pavement and culverts. C. L. Jenken, city eng.

BERKELEY, Alameda Co., Cal.—City declares intent. (614) to install 64 Union metal electroliers with underground system in Shattuck ave. bet. Durant ave. and Ward st. and in Shattuck ave. bet. Durant and Adeline st. and in Adeline st. bet. Shattuck ave. and Ward st. 1911 act, bond act 1915. Protests Feb. 28. Emma M. Hann, city clerk.

TURLOCK, Stanislaus Co., Cal.—State Board of Health has notified city trustees that temporary permit granted by that

body to continue use of the sewer farm for an activated sludge plant was cancelled Jan. 14. The city is now using a septic tank system for sewage disposal.

MISCELLANEOUS CONSTRUCTION

ANAHEIM, Cal.—Western Gas Engine Co., 1000 Alhambra rd., Los Angeles, sub. low bid to city at \$25,000 to fur. 400 H. P. internal combustion engine with electric generator and auxiliary equipment.

WATER WORKS

SANTA CRUZ, Santa Cruz Co., Cal.—Montague Pipe & Steel Co., 1900 Third St., San Francisco, at \$5265 awarded contract by city to fur. 4500 ft. 14-in. steel pipe.

CHICO, Butte Co., Cal.—California Water Service Co., 606 Bird St., Oroville, will expend \$47,000 in Chico district, involving in the main: \$15,000 for new mains; imps. and additions to station at Third and Cherry Sts. \$3200; new pumping plant in Chico Vecino district, \$5000; install 600 meters, \$12,000. John H. Messenger of the company's engineering department will supervise work.

EUREKA, Humboldt Co., Cal.—N. Nicoll & Co., Inc., Rialto Bldg., San Francisco, at \$39 ft. awarded cont. by city to fur. and del. f. o. b. wharf, Eureka, 5000 ft. 8-in. Class B c. i. pipe, bell and spigot joints.

SAN BRUNO, San Mateo Co., Cal.—City plans to extend water system to Third and Fourth Additions for fire protection; est. cost, \$2000. Geo. A. Kneese, engineer, Courthouse, Redwood City.

REDWOOD CITY, San Mateo Co., Cal.—Until Feb. 20, 7:30 P. M., bids will be rec. by W. A. Price, city clerk, to fur. f. o. b. cars, Redwood City, 4000 ft. 4-in. c. i. water pipe; six 4-in. c. i. tees. To be hub and spigot, not less than 12 ft. and more than 16 ft. in length, Class B standard. Cert. check 10% payable to town req. with bid. See call for bids under official proposal section in this issue.

MANTECA, San Joaquin Co., Cal.—City trustees contemplate purchase of Manteca Water Works system to operate as a municipal project—or to const. a new water system.

BURLINGAME, San Mateo Co., Cal.—Until Feb. 20, 8 P. M., bids will be rec. by J. R. Murphy, city clerk, to install water mains as follows: 910 ft. 4-in., 155 ft. 6-in., 660 ft. 8-in., 3045 ft. 10-in. and 8674 ft. 12-in. cast iron pipe; also installation of 54 hydrants together with fittings for all work above, including trenching and backfill, replace pavements, walks, gutters and driveways, etc. Cert. check 25% req. with bid, payable to city. See call for bids under official proposal section in this issue.

POBERTA, Tehama Co., Cal.—Pomona Mfg. Co., Pomona, at \$6678 sub. low bid to El Camino Irrigation District to fur. and install six pumping plants. Western Well Works, San Jose, \$6749, and Byron Jackson Pump Mfg. Co. at \$6749, next two low. Taken under advisement.

TURLOCK, Stanislaus Co., Cal.—Following bids taken under advisement by city to fur. deep well turbine pump at city well No. 5: Andy Thorsen, Turlock, \$1349; Stanislaus Implement & Hardware Co., Modesto, \$1323.40; Frank Kimball Co., Los Angeles, \$1403; Pomona Mfg. Co., Pomona, three proposals, \$1462, \$1331, \$1262; Byron Jackson Co., San Francisco, \$1340; Layne Pump Co., Fresno, two proposals, \$1305, \$1100; Sterling Pump Works, Stockton, two proposals, \$1318.50, \$1487.50; Western Wells Works, San Jose, \$1187.50; Peerless Pump Co., Fresno, two proposals, \$1354, \$1160.

GALT, Sacramento Co., Cal.—Galt Chamber of Commerce will request supervisors to organize sanitary district providing for the const. of sewers and water system. Chas. Deterding Jr., county engineer.

FORTUNA, Humboldt Co., Cal.—City votes bonds of \$15,000 to purchase privately owned plant of Fortuna Water Co. to operate as a municipal project. 337 in favor and 37 against proposal.

MANTECA, San Joaquin Co., Cal.—South San Joaquin Irrigation District has acquired rights-of-way for installation of three pumping plants in connection with drainage system.

TURLOCK, Stanislaus Co., Cal.—Osborn & Son, Turlock, at \$783.16 awarded cont. by city to lay 1951 ft. 6-in. c. i. water pipe.

SACRAMENTO, Cal.—Following bids received by State Department of Public Works, Division of Architecture, to const. water system at State Fair grounds, involv. 5400 lin. ft. 6-in., and 5000 lin. ft. 4-in. c. i. pipe; 1800 ft. 3-in. to 3½-in. wrought steel pipe; four 6-in. hydrants; four 4-in. hydrants (wharf type); 24 large size gate valves; 14 small size gate valves.

James Young, 4174 Emerald st.,	
Oakland	\$10,875
Lafayette-Fical Co., Oakland	11,369
W. Redman, Fresno	11,795
H. Gould, Sacramento	12,457
W. H. Larsen, Sacramento	14,889
Hately & Hately, Sacramento	15,222
Scott Plumbing & Electric Co., Sacramento	16,495

MODESTO, Stanislaus Co., Cal.—Until Feb. 23, 7:30 p. m., bids will be rec. by H. E. Gragg, city clerk, to fur. and del. f. o. b. Modesto; 2200 ft. 10-in., 2800 ft. 8-in., 2300 ft. 6-in., and 400 ft. 4-in. c. i. pipe. Bids on pre-caulked joint pipe will be considered. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Bids rec. by water and power commission for cast iron pipe, (1) 60,000 ft. of 6-in. and (2) 50,000 ft. 8-in., under specifications W-867, were:

B. Nicoll & Co.—(1) 60.1 c, (2) \$6.4c; total \$79,260; alt. (1) 63.1c, (2) \$9.1c; total \$83,430.

Pacific Coast Steel Co.—(1) 63.4c, (2) 92.6c.

American Cast Iron Pipe Co.—class 250, (1) 65.5c, (2) 91.25c; "C" (1) 68.5c, (2) 99.5c.

Grinnell Co.—Class "C" (1) 67c, (2) \$1.04.

REDDING, Shasta Co., Cal.—California Water Service Co., 410 Market St., Redding, will spend \$31,000 for imps. and additions during current year, involving in the main \$15,000 for new well in eastern section of Redding including pumping plant; connect well with distributing system, \$13,000 in addition to \$1100 for chlorination plant; \$5500 for new gauges and governors for Jenny Creek plant; new service mains \$2700, etc. John H. Messenger, Supt. of Const. for company.

GLENDALE, Cal.—Until 10 A. M., Feb. 23, bids will be rec. to fur. and del. f. o. b. cars, Glendale, one 100,000-gal. redwood water storage tank with necessary hoops, water register, 3x12-in. redwood mud sills on 18-in. center, and 4x8 in. redwood chime sills on 18-in. center, and a flat T & G cover. Bidder to furnish plans. Certified check, 10%. A. J. Van Wie, city clerk. P. Diederich, plant supt.

ORLAND, Glenn Co., Cal.—Until Feb. 23, 8 P. M., bids will be rec. by E. W. Parlin, town clerk, to fur. and del. f. o. b. Orland, galv. pipe and fittings: 251 ½-in. No. 115-A Thompson sprinkler heads; 96 ½-in. No. 140 Thompson sprinkler heads; 7 1¼-in. Thompson control valves; 7 1-in. Thompson control valves; 243 pcs. ½-in. galv. pipe, 11 ft. 0 in., T. B. E.; 26 pcs. ¾-in. galv. pipe, 11 ft. 0 in., T. B. E.; 53 pcs 1-in. galv. pipe, 11 ft. 0 in., T. B. E.; 44 pcs. 1¼-in. galv. pipe, 11 ft. 0 in., T. B. E.; 102 1½-in. close galv. nipples; 350 ½-in. by 6-in. galv. nipples; 350 ½-in. galv. ells; 102 ½-in. galv. crosses; 18 ½-in. galv. tees; 41 1¼ by ½-in. galv. tees; 7 1¼ by 1 by ½-in. tees; 40 1x½-in. tees; 14 1x¾x½-in. tees; 11 ½x½x¾-in. tees; 5 ¾x½x½-in. in. tees; 4 ¾x½-in. tees. See call for bids under official proposal section in this issue.

WILLOWS, Glenn Co., Cal.—California Water Service Co. will spend \$16,752 for water main extensions in various sections of the city.

STOCKTON, San Joaquin Co., Cal.—Sterling Pump Works, Stockton, at \$3976 awarded cont. by city to fur. and install pumping plant at Yosemite Park.

PLAYGROUNDS AND PARKS

OAKLAND, Cal.—Diamond Improvement Club will petition city council to establish playground in Diamond Park.

PITTSBURG, Contra Costa Co., Cal.—City plans to purchase 20-acre tract from C. A. Hooper & Co., to improve for public park and playground purposes.

RENO, Nev.—Bond election will be called by city council shortly for \$150,000 to finance sewer construction, street openings and extensions and park improvements.

OAKLAND, Cal.—East Side Consolidated Civic Clubs are circulating petitions seeking to have city council call election to vote bonds of \$844,500 to finance purchase of 400 acres of lands for public park purposes.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, Richmond, at \$2313 awarded cont. by city for fill at playground site in western section of city.

SEWERS AND STREET WORK

SAN LUIS OBISPO COUNTY, Cal.—Until March 7, 2 p. m., bids will be rec. by State Highway Comm., Highway Bldg. Sacramento, for 0.2 mi. of grading and surfacing with waterbound macadam in San Luis Obispo county, 1.9 mi. north of San Luis Obispo. See call for bids under official proposal section in this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 23, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to const. Sec. 2 of San Lorenzo rd. 24 ft. wide, approx. 2 mi. long. Cert. check 10 per cent req. with bid. Spec. obtainable from County Surveyor Lloyd Bowman on deposit of \$5, returnable.

SAN LEANDRO, Alameda Co., Cal.—Kaiser Paving Co., Latham Square Bldg., Oakland, at approx. \$10,000 sub. low bid to city to widen Estudillo Ave., involv. curbs, \$60 lin. ft.; gutters, \$22 sq. ft.; walks, \$15 sq. ft. Taken under advisement.

IMPERIAL COUNTY, Cal.—See "Dredging Harbor Works and Excavations," this issue. Bids wanted by State Highway Commission for drainage ditches, dykes and ditches.

STOCKTON, San Joaquin Co., Cal.—Until February 27, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. Eight Mile Rd. from Telegraph Rd. to Davis Rd. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans obtainable from County Surveyor F. E. Smith.

STOCKTON, San Joaquin Co., Cal.—Until February 27, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. Davis Rd. from Eight Mile Rd. to Hazen Lane. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans obtainable from County Surveyor F. E. Smith.

MARTINEZ, Contra Costa Co., Cal.—Until March 3, bids will be rec. by county supervisors to const. highways leading to Pittsburg high school 6 and 8-in. conc. pavement, 20 ft. wide, approx. 6425 ft. in length; est. cost, \$32,600 to be financed by Co. Rd. Imp. Fund. Spec. obtainable from R. R. Arnold, county surveyor.

HAYWARD, Alameda Co., Cal.—Until March 7, 8 p. m., bids will be rec. by J. A. Templeton, town clerk, to const. on fall sewer for which bonds of \$25,000 were recently voted. Cert. check 10 per cent payable to town req. Plans obtainable from Jesse B. Holly, town engineer on deposit of \$5, returnable. See call for bids under official proposal section in this issue.

MONTAGUE, Siskiyou Co., Cal.—Until March 6, 4 p. m., bids will be rec. by Roy E. Swigart, secy., Montague Water Conservation Dist., for road work on Weed rd. near Old Moffitt Mill and Edgewood rd., extending about 2½ mi. around south end of Dwinell Reservoir, involv. const. of 3½ mi. of fence, ½ mi. clearing, 2 mi. grading, eight small culverts. Spec. obtainable from secy. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—City declares inten. (615) to imp. Ashby av. bet. San Pablo ave. and College av. involv. grade, conc. walks, gutters, curb storm and sanitary sewers, lateral sewers, manholes, catchbasins, culverts, public domestic water supply system, etc. 1915 act, bond act 1915. Protests Feb. 15. Emma M. Hann, city clerk.

SAN ANSELMO, Marin Co., Cal.—Town trustees declare inten. (\$7) to imp. C. Hall ave. and Library pl. for their entire length, involv. grade, comb. conc. curbs and gutters, br. and conc. manholes, hyd. cem. conc. walks, 6-in. v. pipe san. sewers with wyes and 4-in. laterals, conc. and vit. lampholes, asp. conc. pave. 1911 act, bond act 1915. Protests March 5. F. D. Burrows, town clerk.

SANTA ROSA, Sonoma Co., Cal.—Smith & Silver, 1226 4th st., Santa Rosa, submitted low bid and were awarded the contract by county supervisors approx. \$33,000 to pave Sec. E of Petaluma Valley Ford road, involv. (1) 30 cu. yds. excavation, unclassified; (2) 155,552 sq. ft. pavement; (3) alternate bid; (4) 15 cu. yds. concrete in culvert and headwalls; (5) 450 lbs. reinf. steel; (6) corr. metal pipe (a) 53 lin. ft. 12-in. (b) 60 lin. ft. 15-in.; (c) 40 lin. ft. 18-in. (d) 30 lin. ft. 24-in.

Following is a complete list of bids: Smith & Silver, 1226 4th st., Santa Rosa, (1) .70, (2) .199; (3) —; (4) .7; (5) .06; (6) (a) 1.00, (b) 1.00, (c) 1.00, (d) 1.00.

Clyde W. Wood, Stockton, (1) \$.60; (2) .21; (3) —; (4) \$.25; (5) .06; (6) (a) 1.00, (b) 1.00, (c) 1.00, (d) 1.00.

J. B. Galbraith, (1) .55; (2) .2045; (3) —; (4) \$.25; (5) .07; (6) (a) 1.00, (b) 1.00, (c) 1.50, (d) 2.50.

Pacific States Const. Co., S. F., (1) .5; (2) .24; (3) alt. .20; (4) \$.21; (5) .07; (6) (a) .40, (b) .50, (c) .60, (d) .70.

Connors Hansen & Ede, Santa Rosa, (1) 1.20; (2) .195; (3) —; (4) \$.25; (5) .10; (6) (a) 1.00, (b) 1.00, (c) 1.00, (d) 1.00.

Lewis Tagnon, Vallejo, (1) 2.10; (2) .22; (3) —; (4) \$.27; (5) .064; (6) (a) 1.00, (b) 1.00, (c) 1.00, (d) 1.50.

HAMPTON

ELECTRIC AND MFG. CO

ELECTRICAL ENGINEERS AND CONTRACTORS

325 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

ENO, Nevada—Boid election will be held by city council shortly for \$150,000 to finance sewer construction, street openings and extensions and park improvements.

SANTA ROSA, Sonoma Co., Cal.—Until Feb. 21, 8 P. M., bids will be rec. by C. B. Reid, city clerk. (1391) to imp. Sonoma Ave., bet. South E St. and east city limits, involv grade; reconstr. present pave for 4-in. waterbound macadam base; 3-in. asph. conc. surface pave; 4-in. conc. curbs, gutters. 1911 Act, Bond A. 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

AN MATEO COUNTY, Cal.—County supervisors will be petitioned to install sewer system in Beresford district. Geo. A. Kneese is county surveyor.

SAN FRANCISCO—Until Feb. 29, 3 P. M., bids will be rec. by Bd. Pub. Wks. Sect. Section E. Ocean Beach Esplanade; estimated cost \$335,000. Project involves 2273 lin. ft. rein. conc. completed in Esplanade; 1 equestrian path including grading and 1 pedestrian underpass and adjacent storm sewers. Plans obtainable from Bureau of Engineering, 31 Florin, City Hall.

SAN FRANCISCO—Schultz Constr. Co. 46 Kearny St., at \$27,899.50 awarded cont. by Bd. Pub. Wks. to imp. Holladay Ave. bet. Peralta Ave. and Adams St.

OAKLAND, Cal.—Until Feb. 23, 12 noon, bids will be rec. by Frank C. Merrill, city clerk, to imp. portions of Madison st., involv. grade; pave; curbs, gutters; walks. 1911 act. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. Geo. N. Randall, city eng.

ALO ALTO, Santa Clara Co., Cal.—C. Eng. J. F. Byxbee Jr. preparing estimates of cost to pave Embarcadero rd. bet. High and Cowper sts., a distance of approx. 3500 ft. 6-in. conc. pave, 4 ft. wide with 12-ft. walks on each side.

STANISLAUS CO., Cal.—Following bids rec. Feb. 9 by State Highway Comm. to imp. and pave with asph. conc. 20 ft. wide and 5 in. thick 0.2 mi. north of Ceres. Standard Paving Co., Modesto, \$105; A. Tiechert, Sac., \$6590; Eng. est. \$252.50.

SAN LUIS OBISPO, Cal.—S. G. Whittely, consulting engineer, 380 Market St. San Francisco, completes spec. to imp. Sts. in Pismo Beach, involv. 5-in. ht. cem. conc. pave, a portion of which will be laid over 3-in. sand cushion; curbs, gutters, vit. pipe lateral sewers; corrugated culverts; electric system; c. water pipe and hydrants. Sts. to be imp. portions of Pomeroy, Hinds, Stimmons, Peerless Aves., etc. Hearing will be held by county supervisors March 5. J. G. Driscoll, county clerk.

MADERA, Madera Co., Cal.—County supervisors contemplate proposal to formulate road construction program to extend over a period of ten years.

OROVILLE, Butte Co., Cal.—Coast Pk. & Gravel Co., Call Bldg., San Francisco, at approx. \$42,000 awarded cont. by county to fur. approx. 30,000 cu. yds. crushed rock and gravel for county road work in 1928.

BRIDLEY, Butte Co., Cal.—City Trustees petitioned to pave Sycamore St., bet. Indiana St. and the city limits; 4-in. asph. macadam pave.; est. cost, \$2.50 per sq. ft.

SANTA BARBARA, Cal.—Proceedings started by city to pave Anapamu St., bet. Estado and Chapala Sts.; 2-in. wear-surf. on 5-in. conc. base. E. B. Ewn, city engineer.

LOS GATOS, Santa Clara Co., Cal.—Henry B. Fisher, consulting engineer, Owens Bank Bldg., San Jose, commissioned by city to prepare spec. to pave streets in Almond Grove Addition. Conc. pavement will be specified.

SONORA, Tuolumne Co., Cal.—Until Feb. 27, bids will be rec. by county supervisors to fur. and del. Black Oak Station Tankers, 600 tons of crushed rock. Spec. on file in office of clerk. Robt. Thom, county surveyor.

SACRAMENTO, Cal.—County Engineer Chas. Deterding Jr., instructed to prepare spec. for shoulders on Sacramento River Highway below Freeport; est. cost, \$10,000.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler preparing spec. for 6-in. sewer in Bayside Ave. bet. Surfside and Walk Circle. Property owners petitioned for the work.

SONORA, Tuolumne Co., Cal.—Until Feb. 21, 2 P. M., bids will be rec. by county supervisors for Parrot Ferry rd. bet. Columbia and Parrot's Ferry; will be 17 ft. wide on hillsides and level cuts and 18 ft. in fills; max. grade 7 1/4 percent. Spec. on file in office of clerk. Robt. Thom, county surveyor.

PORTERVILLE, Tulare Co., Cal.—City declares inten. (131) to imp. Larson and Harding sts., in Bradrick Court Tract, bet. Mill st. and south line of tract, involv. grade, conc. curb, 4-in. decomposed granite pave with asph. oil surface. 1911 act, bond act 1915. Protests March 6. W. R. Means, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler preparing spec. to pave Short st. bet. Front st. and San Lorenzo river; will include sewers and curbs.

SONORA, Tuolumne Co., Cal.—County Surveyor Robt. Thom instructed to prepare plans for Jupiter rd. on Knights Creek; also to make surveys on La Grange rd., commencing at Drew property extending to Calvey property, approx. 4 mi.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 27, bids will be rec. by S. A. Evans, city clerk, (406-C) to imp. portions of Pearl st. and Laurel st., involv. 5-in. cem. conc. pave; conc. walks, driveways approaches, catchbasins; vit. clay sewer laterals; w. l. water service connections; conc. meter boxes. 1911 act, bond act 1915. Cert. check 10 per cent payable to city req. Plans on file in office of clerk. Roy Fowler, city eng.

SAN FRANCISCO—Until Feb. 29, 3 P. M., bids will be rec. by Board of Public Works to const. Bay Shore Blvd., storm drain crossing Alemany ave., under Contract No. 2; est. cost \$85,000. Project involves: 484 lin. ft. 2-compartment 8-ft. 6-in. by 11-ft. reinf. conc. storm drain supported on piles; 4 manholes; 584 lin. ft. 12-in. vit. pipe underdrain; 54,000 lin. ft. piles below cutoff, to be furnished and driven. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

GALT, Sacramento Co., Cal.—Galt Chamber of Commerce will request supervisors to organize sanitary district providing for the const. sewers and a water system. Chas. Deterding Jr., county engineer.

ESCONDIDO, Cal.—City plans to imp. Maple St., bet. Ohio and Minnesota Aves., Lime St., bet. Iowa and Minnesota Aves., etc., involv. grading, asph. conc. pave.; cement conc. pave. in alleys, sidewalks; A. & I. No. 1. Protests, Feb. 27. John Speer, city clerk. Paul R. Watson, superintendent of work. Approx. quantities are: 37,957 cu. yds. excav. (earth), 1739 cu. yds. excav. (rock), 4519 cu. yds. embank., 1,618,907 sq. ft. asph. conc. pave., 48,364 sq. ft. conc. pave., 12,829 ft. curb, 1885 sq. ft. conc. walk.

YOSEMITE, Cal.—Horace M. Albright, assistant director of National Parks, in charge of field operations, announces \$30,000 will be expended this year in the Yosemite Nat'l. Park for trails, bridge paths and trail bridges.

CULVER CITY, Cal.—H. O. Hanford, city engineer, preparing plans for a large project to be known as Sepulveda Storm Drain, to care for storm waters for the entire north side of La Ballona Valley.

SALINAS, Monterey Co., Cal.—City will start proceedings shortly to widen Ave. C from Lincoln ave. to high school. Howard Cozzens, city eng.

RICHMOND, Contra Costa Co., Cal.—John R. Miller, consulting engineer, commissioned by city council to make a survey of sanitary sewer system with a view to const. extensions. E. A. Hoffman, city engineer.

SAN FRANCISCO—C. B. Eaton, 715 Ocean ave., at \$49,246 sub. low bid to Bd. Pub. Wks. to const. Sect. 1, under Contract A. Fillmore st. main sewer in 10th st. bet. Harrison and Division sts. Project involves: 1177 lin. ft. 6-ft. 9-in. circular reinf. conc. sewer; 550 lin. ft. 8-in. and 627 lin. ft. 12-in. vit. pipe underdrain; 5 br. or conc. manholes; 1 reinf. conc. taper connection; 19,900 lin. ft. piles below cutoff (to be furnished and driven). Other bids: L. J. Cohn, \$54,752; C. B. Cowden, \$54,810; Healy Tibbitts Const. Co., \$59,311; Hugh McGill, \$60,531; M. B. McGowan, \$61,482; Federal Const. Co., \$64,598; McDonald and Maggoria, \$65,670.

SALINAS, Monterey Co., Cal.—City contemplates bond election to secure funds to finance additional sanitary and storm sewers. Howard Cozzens, city engineer.

SACRAMENTO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., March 7, to const. undergrade crossing at Brighton. Project involves: 100 sq. yds. detour surfacing; 10,800 cu. yds. rdwy. excav. without classification; 1470 cu. yds. struct. excav. without classification; 35,000 sta. yds. overhaul; 9750 sq. yds. subgrade for pave (prepare and shape) 1295 cu. yds. Class "A" conc. (abutments, retaining wall, sump, etc.); 1975 cu. yds. Class "A" cem. conc. (pave.); 60 cu. yds. Class "A" cem. conc. (walk); 190 tons rock (borders) 164,500 lbs. reinf. steel; 21,000 lbs. struct. steel (floor gates); 840 lin. ft. 6-in. discharge pipe; 325 lin. ft. 8-in.; 200 lin. ft. 12-in. and 753 lin. ft. 15-in. vit. pipe; 160 lin. ft. 12-in. and 28 lin. ft. 18-in. corr. metal pipe; 1850 cu. yds. struct. backfill; 675 lin. ft. pipe handrail; 1 pumping equipment; 17 monuments. State will fur. corr. metal pipe and c. i. covers and drop inlets.

YUBA CITY, Sutter Co., Cal.—City plans to open new Sts. in Block bet. Shasta and Plumas and Bridge and Teardrop Ave. It is also proposed to widen Plumas St. for its entire length.

SANTA BARBARA, Cal.—Sam Hunter, 122 W. Valerio St., awarded cont. by city at \$17,888 to imp. San Pascual St., bet. Micheltorena and Mission Sts., involv. grading, 1 1/2-in. asph. conc. surface on 3 1/2-in. asph. conc. base, alter comb. curb and gutter, conc. cross-gutters, curb returns, 2-course cem. work, 6-in. vit. side connections.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1385

SAN FRANCISCO

Official Proposals

NOTICE CALLING FOR BIDS

(Outfall Sewer—Town of Hayward)

Pursuant to Statute and to Order of the Board of Trustees of the Town of Hayward directing this notice, Notice is hereby given inviting sealed proposals or bids, for the furnishing materials for and constructing an addition to the outfall sewer of the Town of Hayward, in accordance to the plans and specifications heretofore adopted for doing said work, and now on file in the office of the Town Clerk, of the Town of Hayward, which said plans and specifications are hereby expressly referred to and made a part of this notice the same as if set out in length herein.

A copy of said plans and specifications will be furnished upon application to either the Town Clerk of the Town of Hayward, or to Jesse B. Holly, Town Engineer of the Town of Hayward, and the person applying for the same will be required to deposit \$5.00 for each set of such plans and specifications so furnished, which said sum will be returned upon the return of said copies so obtained.

All proposals or bids shall be in writing in the form set out in said specifications and must be accompanied by a check payable to the Town of Hayward, certified by a responsible bank for an amount which shall not be less than ten per cent of the aggregate total of the proposal or bid, or by a bond for the said amount and so payable, signed by the bidder and two sureties, who shall justify, before an officer competent to administer an oath, in double the said amount and over and above all statutory exemptions.

Such sealed proposals or bids shall be delivered to Clerk of said Town of Hayward, on or before Wednesday, the 7th day of March at the hour of eight o'clock P. M., 1928. Proposals or bids will be opened and opened on said day and hour. The said Board of Trustees reserves the right to reject any and all proposals or bids.

Dated: February 6th, 1928.

(SEAL) M. B. TEMPLETON,
Town Clerk of the Town of Hayward.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock p. m., on March 7, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway as follows:

Sacramento County, an undergrade crossing under the tracks of the Southern Pacific Company at Brighton (III-Sac-11-B), consisting of two concrete abutments with wing walls, about 2850 feet of roadway and 630 feet of sidewalk graded and paved with Portland cement concrete, and flood protection.

San Luis Obispo County, 1.9 miles north of San Luis Obispo (V-SLO-2-D), about two-tenths (0.2) mile in length, to be graded and surfaced with water-bound macadam.

Imperial County, between Trifolium Drainage Canal and Arroyo Salado Wash (VIII-Imn-26-B-C-D), about nineteen and seven-tenths (19.7) miles of drainage ditches and dykes, and eight timber bridges to be constructed.

Plans may be seen, and forms of proposal bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: February 8, 1928.
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
R. M. MORTON,
State Highway Engineer

NOTICE TO CONTRACTORS

(Shop Building—Lakeview Jr. High School)

Office of the Secretary of the Board of Education of the City of Oakland

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 28th day of February, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Lakeview Junior High School Shop Building of the Oakland High School District, located on the West side of Harrison Street North of 26th Street, in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th street, Oakland, California.

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS AND BRANCHISTS

ARTHUR PRIDDLE, A. I. Q. S.

603 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder, application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time or if mutilated, the said deposit shall be retained by the said School District, agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank, banker and made payable to the Board of Education of the City of Oakland, or of Oakland High School District, as retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bond required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars, but for all bids of less than Five Thousand (\$50,000.00) Dollars, (10%) percent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 28th day of February, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of said bids.

JOHN W. EDMOND,
Secretary of the Board of Education
the City of Oakland, California.

NOTICE TO BIDDERS

(Reservoir—City of Burlingame)

Sealed proposals will be received at the City of Burlingame, up to eight o'clock P. M., Monday, February 20, 1928, at the office of the City Clerk, the City Hall of said City, for the following work to be done in connection with the construction of the proposed Brewer Reservoir of the Burlingame Water System, viz.:

The clearing and stripping of the reservoir site, amounting to approximately 25,700 square feet, the excavation of a cut-off trench containing approximately 126 cubic yards, the excavation of a trench for outlet containing approximately 84 cubic yards, and the excavation for reservoir amounting to approximately 3400 cubic yards and the placing of the same in embankment.

Said work includes also other work appurtenant to and necessary for the proper completion of the work contemplated.

All of the said work is shown on the plans or provided for in the specifications therefor, prepared by the Loveland Engineers, Inc., and on file with the City Clerk and with the City Engineer of Burlingame, copies of which may be obtained by bidders from the City Engineer.

All proposals must be made upon blank forms which may be obtained of the City Engineer. Each proposal must give the bid prices both in writing and in figures, and must be signed by the bidder with his address.

Each bid must be presented under sealed cover and must be accompanied by a Certified Check made payable to the City of Burlingame for an amount equal to or exceeding twenty five per cent of the total amount of the said bid.

The City Council reserves the right to reject any or all bids, and to accept at bid which it deems best for the City of Burlingame.

J. R. MURPHY,
City Clerk.

NOTICE TO BIDDERS

(C. I. Pipe—Redwood City)

Public notice is hereby given that sealed bids will be received by the City Council of the Town of Redwood City, California, up to and including Monday, the 20th day of February, 1928 at the hour of 7:30 o'clock P. M., for the following material to be delivered f. o. b. at Redwood City, to-wit:

- 4000 feet of four (4) inch cast iron water pipe.
- 6 four (4) inch cast iron Tees.
- All pipe to be of hub and spigot form, lengths of not less than twelve (12) feet nor more than sixteen (16) feet, and to be of Class "B" Standard weight and thickness in conformity to American Water Works Association Specifications, or pipe guaranteed by manufacturer to be of equal strength and durability but of less thickness and weight.
- All Tees to have three (3) hub ends.
- All pipe and specials to be subject to inspection by the superintendent of the Redwood City Water Department upon delivery and rejected pieces to be stored at the expense and subject to the order of the shipper.

Bids are required to state time of delivery, and contract to be entered into within five (5) days after acceptance of bid.

Bids to be accompanied by a certified check in the amount of ten (10%) per cent of total of bid made payable to the Town of Redwood City. Checks of unsuccessful bidders to be returned upon rejection of bids, and check of successful bidders to be returned upon delivery and acceptance of goods ordered.

By order of the City Council of the Town of Redwood City, California, dated February 6, 1928.

W. A. PRICE,

Clerk of the Town of Redwood City.

NOTICE TO BIDDERS

(Pipe Laying, Etc.—Burlingame)

Sealed proposals will be received by the City of Burlingame up to eight o'clock P. M., Monday, February 20, 1928, at the City of the City Hall of said City, for the installation and construction of certain portions of the Burlingame Water System known as Section 2.

The work includes the installation of the following approximate quantities of water mains: 910 feet of four inch cast iron pipe, 17,455 feet of six inch cast iron pipe, 660 feet of eight inch cast iron pipe, 3405 feet of ten inch cast iron pipe, and 8674 feet of twelve inch cast iron pipe. Said work includes also the installation of fifty-four fire hydrants, together with the proper fittings for all the work listed above. Said work also includes the excavation and backfilling of trenches, cutting and replacement of pavement, sidewalk, gutters and drive-ways, and all other work appurtenant to and necessary for the proper completion of the work contemplated.

All of said work is shown on the plans provided for in the specifications hereof, on file with the City Clerk and with the City Engineer, copies of which may be obtained from the City Engineer.

All proposals must be made upon blank forms which may be obtained of the City Engineer. Each proposal must give the bid prices both in writing and in figures, and must be signed by the bidder with his address.

Each bid must be presented under sealed cover and must be accompanied by a Certified Check made payable to the City of Burlingame for an amount equal to or exceeding twenty-five per cent of the total amount of said bid.

The City Council reserves the right to reject any or all bids, and to accept any bid which it deems best for the City of Burlingame.

J. R. MURPHY,

City Clerk.

NOTICE CALLING FOR BIDS

Tulare Lake Basin Water Storage District

Notice is hereby given, pursuant to resolution adopted at the regular monthly meeting of the Board of Directors of Tulare Lake Basin Water Storage District on February 7, 1928, that a call for bids is hereby made for the doing of the work hereinafter specified, plans and specifications of the work and the form of contract can be seen at the office of the district at 109 West Eighth

street, Hanford, California. Proposals must be sealed and must be delivered to the office of the district not later than 7 o'clock p. m. of March 9, 1928. Bids will be opened on said date at the regular monthly meeting of the Board of Directors of the district and thereupon the contract will be let to the lowest responsible bidder. The right to reject any and all bids is hereby reserved. The work to be done consists in channel improvements and construction of new channel along San Jose Slough and Sand (or Fault) Slough from Gepford Bridge on the south line of Section 23, Township 18 South, Range 19 East, M. D. B. & M., to the south line of Section 15 in the same township and range, in the County of Kings, State of California. The work will require the excavation of 185,000 cu. yds. of earth, approximately, and the removal of trees, stumps and brush and the construction of levees on each side of the channel.

Dated February 7, 1928.

By order of the Board of Directors of Tulare Lake Basin Water Storage Dist.
D. HADSELL, Secretary.

NOTICE TO BIDDERS

(Ditch Deepening and Widening—El Dorado Irrigation Dist.)

Sealed proposals will be received by the Board of Directors of the El Dorado Irrigation District at the office of the Board, Placerville, California, until 10 o'clock A. M. March 3, 1928, for the following work: Regrading Lower Webber Ditch from outlet of Webber Reservoir to outlet of Texas Hill Tunnel near Placerville, El Dorado county, California. 28,807 lineal feet of ditch deepening and widening. Contract will be let to the lowest responsible bidder, the board reserving the right, however, to reject any and all bids.

Plans and specifications can be seen at the office of the board, Placerville, California.

R. W. BROWNE,

Secretary.

El Dorado Irrigation Dist.

NOTICE TO STEEL LOCKER COMPANIES

(Steel Lockers—City of Fresno)

Pursuant to an order of the Board of Education of the Fresno City High School District, County of Fresno, California, duly made this 9th day of February, 1928, the public notice is hereby given that the said board will receive up to 5 o'clock p. m., on the 8th day of March, 1928, at the office of the said board in the Hawthorne School Bldg., 2425 Fresno street, Fresno, Calif., sealed proposals for the furnishing and installing of 2184 more or less steel lockers, 12x12x24 in rows 7 lockers long, 3 tier high, back to back, a total of 52 bays of 42 lockers each.

Reference is hereby made to "General Information to Bidders" Building Form No. 6 for further particulars regarding all bids.

Further specifications together with forms for submitting all bids and further details regarding all bids may be obtained from the secretary of the board at the office of said board above designated.

A bidder's surety bond or certified check equal to at least ten per cent of the amount of the bid submitted, must accompany each proposal.

The Board of Education reserves the right to reject any and all bids.

By Order BOARD OF EDUCATION,
Fresno City High School District.
L. L. Smith, secretary.

NOTICE TO BIDDERS

Turlock Irrigation District, Turlock, California

Transmission Power Line, Material and Other Equipment

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors or the Turlock Irrigation District, Turlock, California, until 10 A. M. Monday, March 5, 1928, for the furnishing of transmission power line material and other equipment according to the following table:

- Item 1—4, 250 Ampere, 73 KV, oil Circuit breakers.
- Item 2—24, 250 Ampere, 73 KV. Disconnecting switches.
- Item 3—42 miles of conductor.

- Item 4—22 double circuit steel poles.
- Item 5—12 single circuit steel poles (Light).
- Item 6—61 single circuit steel poles (Heavy).
- Item 7—1500 Suspension insulators with hardware.

Item 8—Labor installing pole foundations.

Item 9—Labor erecting poles and stringing wire.

Item 10—Lump sum bid for items one to seven inclusive.

Specifications for said material can be seen at the office of said Board and copies thereof will be furnished upon application to the Secretary of said Board accompanied by a deposit of \$20.00 to be repaid to all bidders and to all others upon return of the plans and specifications in good and acceptable condition not later than the day set for opening bids.

Said Board will be in session at its office at 10 o'clock A. M., on Monday, March 5th, 1928, and will open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidders may submit bids upon any or all of the items, but no item will be subdivided.

Each proposal must be accompanied by a certified check for five per cent of the amount of the items bid upon, payable to the order of the Turlock Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five per cent of the amount of the bid for material and fifty per cent of the amount of the bid on labor, in accordance with plans and specifications, said bond to be approved by said Board.

The proposal forms bound with the specifications must be properly filled out by the bidder and the plans and specifications, including the proposal, must be submitted intact with the bid on a sealed envelope addressed to the Board of Directors of the Turlock Irrigation District, and marked to indicate that it is a proposal for transmission power line material, and other equipment.

Done in pursuance of an order of the Board of Directors of the Turlock Irrigation District, this sixth day of February, 1928.

ANNA SORESENSEN,

Secretary of Board of Directors of Turlock Irrigation District.

NOTICE TO CONTRACTORS

(Lakeview Jr. High School—Gymnasium)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of Alameda and High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 28th day of February, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Lakeview Junior High School Gymnasium of the Oakland High School District, located on the West side of Harrison Street, North of 26th Street, in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or broker, and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party

be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars, but for all bids of less than Fifty Thousand (\$50,000.00) Dollars, said checks shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the board of said District on Tuesday, the 28th day of February, 1928, at 10:45 A. M., in the board room, 211 Second Floor, of said City Hall, in said City of Oakland. The board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDMOND, Secretary of the Board of Education of the City of Oakland, California.

NOTICE TO CONTRACTORS

GENERAL WORK

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Bldg., Sacramento, California, up to 2 o'clock P. M., Friday, March 9th, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the General Work, Machinery Building, Agricultural Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Machinery Building will be a one-story brick building with reinforced concrete foundations, common brick walls, and tile roof.

General work will include all manner of work except Plumbing, and Electrical Work. Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bids, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Machinery Building, Agricultural Park, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS

DIVISION OF ARCHITECTURE

GEO. B. McDOUGALL, State Architect
B. B. MEEK, Director of Public Works.

NOTICE TO CONTRACTORS

MECHANICAL WORK

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Bldg., Sacramento, California, up to 2 o'clock P. M., Friday, March 9th, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the Mechanical Work, Machinery Building, Agricultural Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Mechanical Work includes Plumbing, and Electrical Work. Separate bids will be received for "Electrical Work" and for "Plumbing Work." Combined bids will also be received for "Plumbing and Electrical Work." Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Mechanical Work, Machinery Building, Agricultural Park, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS

DIVISION OF ARCHITECTURE

GEO. B. McDOUGALL, State Architect
B. B. MEEK, Director of Public Works.

NOTICE TO BIDDERS

(Tractor and Heating Plant—Washoe County, Nevada)

Pursuant to an order of the Board of County Commissioners, of Washoe County, Nevada, made and entered on the 6th day of February, 1928, sealed bids and proposals will be received by the undersigned at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than ten o'clock A. M., Wednesday, March 14, 1928, for the following, to-wit:

One tractor of Caterpillar type, not to exceed the value of \$2650.

Also installation of an Automatic and House heating plant in the basement of the Washoe County Jail, as per specifications on file in the County Clerk's office at Reno, Nevada.

The said Board of County Commissioners reserves the right to reject any or all bids and to accept the bid best suited to the needs of Washoe County.

E. H. BEEMER, Clerk of Board of County Commissioners.

NOTICE TO CONTRACTORS

(Road Work—Montague Water Conservation District)

Sealed bids for road construction will be received by the Directors of Montague Water Conservation District at their office in Montague, California, until 4 o'clock p. m., March 6th, 1928, and will at that hour be publicly opened. The location of the proposed work is between the Weed Road near the Old Moffitt Mill and the Edgewood Road, extending about two and one-half miles around the south end of Dwinell Reservoir. The work involves, the construction of about 3½ miles of fence, about ½ mile of clearing, about 2 miles of grading, and placing about eight small culverts.

Plans and specifications may be seen at the office of the board. Contracts will be let to the lowest responsible bidder, subject to the right of the District to reject any or all bids.

By order of the Board of Directors of Montague Water Conservation District.
ROY E. SWIGART, secretary.

NOTICE INVITING SEALED PROPOSALS OR BIDS

(City Hall—Livingston, Calif.)

Pursuant to Resolution of the Council of the City of Livingston, directing this Notice, the said Council of the City of Livingston hereby invites sealed proposals or bids for the material for and the construction of a two-story brick building twenty-five (25) feet wide and forty (40) feet long, this building to be used for municipal purposes as a City Hall, Fire House and Water Superintendent's Office.

All of said work and said material shall be in accordance with the plans and specifications for said work now on file in the office of the Mayor of said City of Livingston.

All proposals or bids shall be accompanied by a check, payable to the City of Livingston, certified by a re-

sponsible bank, for an amount which shall not be less than ten per cent (10%) of the amount of said bid, or by a bond for the said amount, and so payable, signed by the bidder and two sureties who shall justify, before an officer competent to administer oaths, in double said amount and over and above all statutory exemptions.

Said sealed proposals or bids shall be delivered to the Clerk of said Council of the City of Livingston, to-wit: To the City Clerk of the City of Livingston, not later than 8:00 P. M. of the 28th day of February, 1928. Bids will be opened on said day and hour.

The Council reserves the right to reject any and all bids.

Dated: February 6th, 1928.

EDWARD J. HICKS, City Clerk and Clerk of the Council of the City of Livingston.

NOTICE TO BIDDERS

(Science Laboratory Furniture—Oakland, Calif.)

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District and Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said board, Room 211 City Hall, Oakland, California, until 10:30, the 28th day of February, 1928, at 10:30 a. m., at which time and place said bids will be opened for:

Science Laboratory Furniture. Bids to be accompanied by a certified check for at least 10 per cent of the amount of the bid or proposal.

These bids shall be presented in accordance with the specifications on file in the office of the Assistant Business Manager, City Hall, Oakland.

Price, fitness and quality being equal, preference will be given to products of the State of California.

Persons or firms desiring to be on the mailing list of the Oakland Board of Education may list themselves with the Purchasing Department.

JOHN W. EDMOND, Secretary of the Board of Education of Oakland, Calif.

NOTICE TO BIDDERS

(Pipe—City of Modesto)

Notice is hereby given that sealed bids or proposals will be received by the City Council of the city of Modesto, at the office of the city clerk, at 717 10th street, not later than seven thirty (7:30) o'clock p. m. on Thursday, the 23rd day of February, 1928, for the furnishing of the following material f. o. b. Modesto, Calif.

2200.00 feet of 10-in. cast iron pipe.
2800.00 ft. of 8-in. cast iron pipe.
2300.00 ft. of 6-in. cast iron pipe.
400.00 ft. of 4-in. cast iron pipe.

The pipe must conform to class B or C American Water Works Association standard, or class 150 pipe, manufactured by the centrifugal process or the horizontal sand cast process.

Figures on precast joint pipe will be accepted.

All proposals or bids shall be accompanied by a certified check or bidding bond payable to the Mayor of said city, which check or bond shall be an amount not less than ten (10) per cent of the total bid.

Bidders must state time of delivery. The City Council reserves the right to reject any or all proposals or bids.

By order of the City Council of the city of Modesto, County of Stanislaus, State of California.

H. E. GRAGG, city clerk.

UNFILLED STEEL ORDERS

The following table shows unfilled steel orders at the end of each month for the last three years:

Month	1928	1927	1926
Jan.	4,275,947	3,800,177	8,822,739
	1927	1926	1925
Dec.	3,972,784	3,960,960	5,033,334
Nov.	3,454,444	3,897,447	4,031,960
Oct.	3,341,040	3,083,661	4,109,186
Sept.	3,148,113	3,599,500	3,717,297
Aug.	3,196,037	3,960,960	3,512,893
July	3,142,014	3,092,522	3,539,467
June	3,053,246	3,438,612	3,710,458
May	3,050,941	3,649,840	4,049,800
April	3,456,132	3,867,976	4,440,568
March	3,553,140	4,379,935	4,866,507
Feb.	3,597,110	4,616,822	5,234,771

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

Owner	Contractor	Amt.
Castle	Horn	12000
Castle	Horn	8000
Castle	Horn	13500
Hedman	Owner	3000
Kambic	Owner	4800
Reed	Owner	8000
Allen	Exposition	2000
Brigadiori	Owner	2250
Joseph	Fontanella	1800
Gioml	Owner	1500
Hage	Owner	8000
Harrington	Owner	4000
Murray	Stevenson	7000
Martin	Owner	4000
Morris	Owner	12000
Schultz	Schultz	7000
Thorne	Owner	3000
Denevi	Sharman	4000
Fratessa	Owner	3000
Romany	Owner	100000
Swift	Owner	8000
Storeheim	Owner	24000
Tait	Mullen	3000
Wilbe	Owner	7000
Belife	Owner	2000
Barrett	Owner	16000
Christensen	Owner	12000
Gaetjan	San Francisco	1000
Holmgren	Owner	8000
Holmes	Owner	1500
Hansen	Owner	5000
Mullin	Owner	5000
Meyer	Owner	4000
Sussman	Owner	8000
Thompson	Owner	6000
Thompson	Owner	3000
Tyler	Owner	16000
Thompson	Owner	3000
United	Prout	12000
Arnott	Arnott	3000
Beckman	Rench	4500
Crothers	Owner	3000
Castello	Owner	72000
Griffith	Kelly	1000
Marian	Owner	150000
Neil	Owner	5600
Pierson	Firberg	2000
Schnee	Coburn	2000
Staff	Owner	4000
Taylor	Williams	3000

Creation in Location

DWELLINGS
(3) W 25TH AVE. 25, 50, 75, S Moraga and S Moraga 82.6, 107.6 and 132.6 W 25th ave; 6 1-story and basement frame dwellings.
Owner—A. J. Kronquist, 1919 Ocean ave.
Architect—None. \$4000 each

DWELLINGS

(5) S ADMIRAL 90, 115 and 140 W Mission, three 1-story and basement frame dwellings.
Owner, Castle Bldg. Co., 830 Market st.
Architect None.
Contractor—Henry Horn, 830 Market st. \$4000 each

DWELLINGS

(6) N ADMIRAL 90 and 115 W Mission st., two 1-story and basement frame dwellings.
Owner, Castle Bldg. Co., 830 Market st.
Architect None.
Contractor—Henry Horn, 830 Market st. \$4000 each

DWELLINGS

(7) S SILVER 205.10, 230, 255 W Mission st.; three 1-story and basement frame dwellings.
Owner, Castle Bldg. Co., 830 Market st.
Architect None.
Contractor—Henry Horn, 830 Market st. \$4500 each

ALTER

(8) 205 CHATTANOOGA St., alter and remodel stores and dwellings.
Owner—Gustaf Heden, 156 Randall st.
Architect—W. H. Armitage, 72 New Montgomery st. \$3000

DWELLING

(309) E UTAH 60 N Mariposa; 1-story & basement frame dwelling.
Owner—John Kambic, 530 San Bruno ave
Architect—None. \$4800

DWELLINGS

(310) E 40TH AVE 150 and 175 S Judah st.; two 1-story and basement frame dwellings.
Owner—W. H. Reed & Sons, 121 21st ave
Architect—None. \$4000 each

ALTERATIONS

(11) NO. 48 GEARY ST. Alter and remodel stores.
Owner—Dr. George P. Allen, 421 Ellis St., San Francisco.
Architect—None.
Contractor — Exposition Woodworking Co., 661 Golden Gate Ave., San Francisco. \$2000

DWELLING

(312) W PUTMAN 25 N Jarboe. One-story and basement frame dwelling.
Owner—E. Brigadiori, 377 Hearst Ave., San Francisco.
Designer—Chris Kernan, 645 Congo St., San Francisco. \$2250

ALTERATIONS

(313) NO. 62 FREMONT ST. Install mezzanine floor and remodel store front.
Owner—Albert Joseph, 68 Post St., San Francisco.
Architect—None.
Contractor—Louis Fontanella, 41 Sheridan St., San Francisco. \$1800

ALTERATIONS

(314) NO. 1845 LOMBARD. Alter and remodel dwelling.
Owner—P. Gioml, Premises.
Architect—C. Fantoni, 550 Montgomery St., San Francisco. \$1500

DWELLINGS

(315) W GUTTENBERG 133 and 158 N Brunswick. Two one-story and basement frame dwellings.
Owner—Karl Hage, 5100 Mission St., San Francisco.
Architect—None. \$4000 each

DWELLING

(316) NE SAN JUAN AND DELANO. One-story and basement frame dwlg.
Owner—C. F. Harrington, 1378 Church St., San Francisco.
Architect—None. \$4000

DWELLINGS

(317) E DIAMOND 57 and 85-6 N Army. Two one-story and basement frame dwellings.
Owner—J. I. Murray, 35 Jersey St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 130 Merced Ave., San Francisco. \$3500 each

DWELLING

(318) S IDORA AVE 200 W Laguna Honda. One-story and basement frame dwelling.
Owner—Martin & Allen, 2436 Bush St., San Francisco.
Architect—None. \$4000

APARTMENTS

(319) W EIGHTH AVE 255 S Balboa. Three-story and basement frame (6) apartments.
Owner—A. T. Morris & Sons, 3500 Fulton St., San Francisco.
Architect—None. \$12,000

FLATS

(320) W BRODERICK 50 S North Point. Two-story and basement frame (2) flats.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—Pring & Lesswing, Holbrook Bldg., San Francisco.
Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco. \$7000

DWELLING

(321) S HALE 175 W Merrill. One-story and basement frame dwelling.
Owner—J. F. Thorne, 783 Edinburgh St., San Francisco.
Architect—None. \$3000

Architect—None.

(322) W BLAKE 200 N Geary; 1-story and basement frame dwelling.
Owner—G. Denevi, 1514 Irving st.
Contractor—Thos. R. Sharman, 1514 Irving st. \$4000

DWELLING

(323) E HOLLISTER 200 E Ingals; 1-story and basement frame dwelling.
Owner—Joseph S. Fratessa, 961 San Bruno ave.
Architect—None. \$5000

APARTMENTS

(324) NE BAY and Larkin; 6-story and basement reinf. concrete (24) apts.
Owner—R. E. Romano, 791 Ashbury st.
Architect—None. \$100,000

DWELLINGS

(325) E 21ST AVE. 250 and 275 S Pacheco, two 1-story and basement frame dwellings.
Owner—W. Swift, 344 Noreiga st.
Architect—None. \$4000 each

FLATS

(326) S BAY 168.9, 193.9 and 218.9 W Scott, three 2-story and basement frame (2) flats.
Owner—M. P. Storeheim, Hearst Bldg.
Architect—Irvine & Ebbets, Call Bldg. \$8000 each

ALTERATIONS

(327) 920 MARKET St.; alter and remodel restaurant.
Owner—John Tait, Phelan Bldg.
Architect—None.
Contractor—Mullen Mfg. Co., 69 Rausch street. \$3000

DWELLING

(328) N MONTEREY 650 E San Jacinta. 2-story and basement frame dwelling.
Owner—A. J. Wilbe, 1344 Ocean ave.
Architect—H. G. Stoner, 39 Sutter st. \$7000

FLATS

(329) 821 RHODE ISLAND, alter and remodel flats.
Owner—Jacob and Dorothy Belife, 821 Rhode Island.
Architect—None. \$2900

APARTMENTS

(330) S PAGE St. 150 W Lyon; three-story and basement frame (6) apts.
Owner—Leo Barrett, 1325 Page st.
Architect—None. \$16,000

DWELLINGS

(331) W 26TH AVE. 150, 175 and 200 S Rivera st; three 1-story and basement frame dwellings.
Owner—Herman Christensen, 1341 Valencia st.
Architect—None. \$4000 each

BAKERY

(332) 1072 McALLISTER St., alter bakery
Owner—Alfred Goetjan, 1072 McAllister.
Architect—None.
Contractor—San Francisco Oven Co., 1263 Eddy st. \$1000

DWELLINGS

(333) EDINBURGH 100 and 125 S France; 2 1-story and basement frame dwellings.
Owner—Victor Holmgren, 5509 Mission.
Architect—None. \$4000 each

REPAIR

(334) SIXTH and Channel sts; repair fire damage.
Owner—Holmes Planing Mill Co., Sixth and Channel sts.
Architect—None. \$1500

DWELLING
(335) E 25TH AVE. 100 N Ulloa; 1-story and basement frame dwelling.
Owner—Arvid Hansen, 2427 25th ave.
Architect—D. E. Jackle, 335 Justin dr.
\$5000

DWELLING
(336) E BRIGHT 725 N Garfield st; 1-story and basement frame dwelling.
Owner—D. A. and B. J. Mullin, 375 Ocean ave.
Architect—None.
\$4000

DWELLING
(337) S PORTOLA Dr. 238 W Evelyn way; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola dr.
Architect—None.
\$4000

FACTORY
(338) SE HARRISON and Mariposa; alter and remodel factory and warehouse.
Owner—Sussman & Wormser, 4th and Berry.
Architect—Dodge A. Reidy, 821 Market street.
\$8000

DWELLINGS
(339) N CLIPPER 26 and 53 E Douglas; two 1-story and basement frame dwellings.
Owner—Hans Thompson, 157 Bartlett st.
Architect—None.
\$3000 each

DWELLING
(310) NE DOUGLAS and Clipper; 1-story and basement frame dwelling.
Owner—Hans Thompson, 157 Bartlett st.
Architect—None.
\$3000

APARTMENTS
(341) E BRODERICK 100 N Francisco; 3-story and basement frame (6) apts.
Owner—P. D. Tyler and J. R. Wilkey, 2023 Leavenworth st.
Architect—W. Withered, 16 Turk st.
Contractor—P. D. Tyler, 324 Locust st.
\$16,000

DWELLING
(342) E DOUGLAS 64 N Clipper; 1-story and basement frame dwelling.
Owner—Hans Thompson, 157 Bartlett st.
Architect—None.
\$3000

FACTORY
(342) SE 7TH and Natoma sts; 2-story and mezz. reinforced concrete store and factory.
Owner—United Fixture Co.
Architect—Chas. F. Strothoff, 2274 15th street.
Contractor—J. Prout, 515 Magellan ave.
\$12,000

DWELLING
(344) NE CAYUGA and San Juan; 1-story and basement frame dwelling.
Owner—Jas A. Arnott, 633 Taraval st.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval st.
\$3000

DWELLING
(345) E 30TH AVE. 325 S Judah; 1-story and basement frame dwelling.
Owner—C. H. Beckman, 730 Clayton st.
Architect—None.
Contractor—M. C. Rench, 38 Lyon st.
\$4500

APARTMENTS
(346) S SACRAMENTO 154.7 W Steiner, 3-story and basement frame (18) apts.
Owner—R. A. Crothers, 916 Kearny st.
Architect—None.
\$30,000

DWELLINGS
(347) E 18TH AVE. 304 and 329 S Kirkham, two 1-story and basement frame dwellings.
Owner—Michael Costello, 821 24th ave.
Architect—None.
\$3600 each

ALTERATIONS
(348) S WEST PORTAL Ave. 85 W Ulloa st, alter dwelling.
Owner—J. W. Griffith, 398 Parnassus ave.
Architect—None.
Contractor—R. H. Kelly, 21 San Pablo ave.
\$1000

APARTMENTS
(349) N PACIFIC Ave. 80 E Laguna, 6-story and basement reinforced concrete (30) apts.
Owner—Marian Realty Co., 110 Sutter st.
Architect—D. D. Stone, 110 Sutter st.
\$150,000

DWELLINGS
(350) N DeLONG St. 105 and 130 E Head st., two 1-story and basement frame dwellings.
Owner—Al Neil, 69 DeLong st.
Architect—None.
\$2800 ea.

DWELLING
(351) E CORTLAND Ave. 60 S Prespect, 1-story and basement frame dwelling.
Owner—John Pierson, 10 Richland ave.
Architect—None.
Contractor—Charles Firberg, 2176 48th ave., Oakland.
\$3000

REPAIR
(352) 950 BAY ST., repair fire damage.
Owner—Gustave Schnee, 753 Larch st.
Architect—None.
Contractor—Chas. Coburn, 666 Mission.
\$2000

DWELLING
(357) E 31ST AVE. 300 S Taraval, 1-story and basement frame dwelling.
Owner—Chester Staff, 2403 31st ave.
Designer—Jos. Scoma, 5331 Geary st.
\$4000

ALTERATIONS
(354) 1247 VERMONT St., alter and remodel dwelling.
Owner—Mrs. A. A. Taylor, 1247 Vermont st.
Architect—None.
Contractor—Jos. P. Williams, 206 Marin st., San Rafael.
\$3000

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
61	Italian	Superior	24888
62	Cahill	Symon	300
63	Barr	Demarais	688
64	Clifford	Peterson	5750
65	Radulovich	DeLong	3800

ADDITION
(61) N BROADWAY 100 W Polk S 137.6 E 145; electric work for 3 and 4 story reinf. conc. addition to Dante Hospital.
Owner—Italian Hospital and Benevolent Assn. of S. F.
Architect—G. A. Applegarth, Spreckels Bldg.
Contractor—Superior Elec Co., Phelan Bldg.
Filed Feb. 9, 1928. Dated Feb. 8, 1928
10th of month75%
Usual 35 days25%
TOTAL COST \$24,888
Bond, \$12,444; security, Indem. Ins. Co of North American; limit 150 days after Feb. 10; forfeit, none; plans and spec. filed

(62) N McALLISTER 87.6 W Leavenworth W 50 x N 137.6; wreck and remove bldg.
Owner—Leavenworth McAllister Realty Corp., by Cahill Bros., 206 Sansome.
Architect—Lewis Hobart, Crocker Bldg.
Contractor—Symon Bros., 1425 Market st.
Filed Feb. 11, 1928. Dated Feb. 7, 1928
Monthly75%
Usual 35 days25%
TOTAL COST \$300
Bond, limit, forfeit, none; no plans or spec. filed.

ALTERATIONS
(63) 943 STEINER 82.6 SW McAllister; all work alterations to bldg.
Owner—Miss C. Barr, San Francisco.
Architect—None.
Contractor—B. W. Demarais, 732 Page st., S. F.
Filed Jan. 14, 1928. Date Jan. 3, 1928
On completion688
TOTAL COST \$688
Bond, forfeit, none; limit 60 days; plans and spec. filed.

COTTAGE
(64) W FUNSTON Ave. 254.2 S Santiago; all work on frame cottage.
Owner—Albert and Albertina Clifford, 498 Eureka st.
Architect—None.
Contractor—Arvid Peterson, 672 Hampshire st.
Filed Feb. 15, 1928. Dated Feb. 15, 1928
Roof on\$1437.50
Plastered1437.50
Completed1437.50
Usual 35 days1437.50
TOTAL COST \$5750
Bond, forfeit, none; limit, May 15, 1928; plans and spec. filed.

DWELLING
(65) COR DeLONG and Leibig; all work on frame dwelling.
Owner—Emelie Radulovich, 28 DeLong st, San Francisco.
Architect—None.
Contractor—George G. Ritter.
Filed Feb. 15, 1928. Dated Feb. 15, 1928
Frame up\$1000
Brown coated1000
Completion1000
30 days after800
TOTAL COST \$3800
Bond, forfeit, none; limit May 1, 1928; plans and spec. filed.

COMPLETION NOTICES

San Francisco County

Recorded Accepted
Feb. 8, 1928—E 17TH AVE 150 S Ulloa S 25 x E 120 E 17th ave 175 S Ulloa S alg 17th ave 25 x E 120. John Murphy to whom it may concern. Feb. 8, 1928
Feb. 8, 1928—W 14th AVE 75 N Vicente 25 x 100 G J Eikington & Sons to whom it may concern. Feb. 8, 1928
Feb. 8, 1928—E 36TH AVE 250 N Taraval. Thomas D Madden to Andrew R Johnson. Feb. 6, 1928
Feb. 8, 1928—N PORTOLA DRIVE 207 m or l E from E Dorchester way known as 1246 Portola dr. Bell and Sylvester to whom it may concern. Feb. 7, 1928
Feb. 8, 1928—NW 31ST AVE & Clement. T R Belmont to whom it may concern. Feb. 7, 1928
Feb. 8, 1928—25 x 105.8 ON W DELTA 76 N Sunnydale. Harry Apte to whom it may concern. Feb. 8, 1928
Feb. 8, 1928—E VERMONT 100 & 125 N 18th N 25 x 100, J Kambic, A Judnich and A J Judnich Jr to whom it may concern. Feb. 6, 1928
Feb. 10, 1928—W 16TH AVE 40 S Noriega 35 x 120 No 1807 16th ave. Fred Braun to whom it may concern. Feb. 9, 1928
Feb. 10, 1928—LOT 6 BLK 5 ST Francis Wood. Helen W Mitchell to N F Nielson. Feb. 6, 1928
Feb. 10, 1928—W DETROIT 50 N Staples ave N alg W Detroit 37.6 x W 100, ptn blk 29 Sunnyside. Mrs Pauline Zemanek to M C Ingraham. Feb. 2, 1928
Feb. 9, 1928—S DAY 230 W NOE W 25 x S 114. San Francisco Home Bldg Co to whom it may concern. Feb. 8, 1928
Feb. 9, 1928—N JACKSON 22.6 E Taylor E 21.11% x N 80. Mae Osiech to whom it may concern. Feb. 2, 1928
Feb. 9, 1928—E HYDE 24.6 N Vallejo N 21.2 to N line x N 60 to E line. Edward M and Louis Stehn to C T Magill. Feb. 6, 1928
Feb. 9, 1928—SW PACIFIC & Sansome 138.4 on Pacific & 68.9 on Sansome. Tea Garden Products Co to Wm J Foster as William J Foster Co. Feb. 8, 1928
Feb. 9, 1928—LOT 2 BLK O MAP SUB py Mission St Land Co. Robert Neil to whom it may concern. Feb. 9, 1928
Feb. 9, 1928—E 25TH AVE 50 N Moraga N 25 x E 95. Sunset Dist Bldg Co to whom it may concern. Feb. 9, 1928
Feb. 9, 1928—NW MISSION AS Widened dist NE 253.254 from Int with N line lot 154 blk 8 Academy tct (which NW line of Mission for purposes of this description is assumed to bear N 38 deg 16 min E at this pt) rung N 38 deg 16 min E alg NW Mission 50 N 51 deg 44 min W 90 S 38 deg 16 min W 50 S 51 deg 44 min E 90 to beg. I M Sommer to I M Sommer & Co. Feb. 8, 1928
Feb. 14, 1928—W TWENTY-SIXTH Ave 200 N Kirkham N alg W 26th Ave 25xW 120. John J McDonough to whom it may concern. Feb. 10, '28
Feb. 14, 1928—NE STEWART 137-6 NW Howard NW alg Stewart 137-6xNE 137-6 B & W Lots 653. 654, 655. Trustees of Young Mens Christian Association of San Francisco to Louis J Cohn. Feb. 14, 1928
Feb. 14, 1928—W HANOVER AND Gutterberg NW and alg SW Gutterberg 106-6xSW 178. Harry Gordon to whom it may concern. Feb. 14, 1928
Feb. 14, 1928—N FULTON 91.25 E Fourth Ave E alg Fulton 30.02 m or l to pt th N 95 parl to W Third Ave W parl with N Fulton N 30.02 m or l to line parl with E 4th Ave from

of beg S 95 to pt of beg. Angelo
Luisa Traina to J Prout.....
Jan. 19, 1928
Feb. 14, 1928—LOT 41 BLK 2957-A Sub
3, Miraloma Park; Lot 8, Blk
28-A Sub No. 5, Miraloma Park.
Payer Bros to whom it may concern.
Feb. 10, 1928
Feb. 14, 1928—NE FILBERT AND
Eason, E and Caterina Carosio to
De Luca & Son.....Feb. 6, 1928
Feb. 14, 1928—SW JONES & CHEST-
nut S 118 W 137-6 S 32 E 137-6 to
Jones th 32. Carlo Ghezzi to G
Cezzi.....Jan. 13, 1928
Feb. 14, 1928—SE DE MONTFORD &
Ahton Ave. The Roman Catholic
Bishop of S. F. to J Behm & Co
.....Feb. 12, 1928
Feb. 14, 1928—SE ILLINOIS AND EL
Trado E 269.89 S 121.90 W to pt N
1.43. Associated Oil Co to Decker
Electrical Constr Co.....Feb. 4, 1928
Feb. 14, 1928—LOT 23 BLK 3046 Map
Es 3046 and ptn Blk 3077 Mon-
tey Heights. A J Wilde to whom it
may concern.....Feb. 11, 1928
Feb. 14, 1928—S RAYMOND AVE 25 E
Alha E 50xS 100. John P and Helen
Alma to George Anskov.....Feb. 13, 1928
Feb. 14, 1928—N DE LONG 250 and 275
Crystal Lots 34 and 35, Mission St.
Ind Sub. Wm E Grossman to whom
it may concern.....Feb. 12, 1928
Feb. 14, 1928—NE JACKSON AND ADE
Ave E alg Jackson 57-6xN 137-6
Zierbach-Levison Co to Robert I
Fry.....Feb. 10, 1928
Feb. 14, 1928—S JEFFERSON 143-9 &
1-9 W Scott. John C Irvine to
whom it may concern.....Feb. 14, 1927
Feb. 4, 1928—NW FOURTEENTH AVE
al Santiago N alg W 14th Ave 25x
W 90. Victor and Hilda Rose to
whom it may concern.....Feb. 14, 1928
Feb. 10, 1928—E 17TH AVE 200 N Kirk-
hn 25 x 120. Peder P Johnsen to
whom it may concern.....Feb. 10, 1928
Feb. 10, 1928—NW FELL & STEINER
N6-3 W 110 N 41-3 W 27-6 S 137-6
dn Fell E 137-6 to beg. Mrs. L
Bulcoe to Theo N Sampson.....
Feb. 9, 1928
Feb. 11, 1928—W ATHENS 103 and 128
Amazon N Amazon rung th 25
at W Athens. Joseph B Hamill to
whom it may concern.....Feb. 10, 1928
Feb. 11, 1928—LOT 1 BLK 26, Amended
M, Ingleside Terraces. A J Herzig
to whom it may concern.....Feb. 11, '28
Feb. 11, 1928—W BAKER 59-6 S Bay
S 5x101. St. George Holden to
whom it may concern.....Feb. 10, 1928
Feb. 11, 1928—E NEVADA 155 N
Ortland 25x100. A L Gray to whom
it may concern.....Feb. 11, 1928
Feb. 11, 1928—NO. 1452 BUSH ST. E
A Cornely, Inc to whom it may
concern.....Feb. 11, 1928
Feb. 15, 1928—NW EDINBURGH 125
N Avalon ave NE 25 x NW 100 ptn
bl 34 Excelsior Hd Assn. Henry Do-
be to whom it may concern.....
Feb. 15, 1928
Feb. 15, 1928—NE CHESTNUT & Lark-
in E alg N Chestnut 58.1½ x N
135 ptn 50 V blk 292. 1090 Chestnut
Stet Inc to Dinwiddie Constr Co
.....Feb. 10, 1928
Feb. 15, 1928—LOT 12 BLK 2523 MAP
Palake Park Sub No. 1, Parkside
Ritty Co of S F to whom it may
concern.....Feb. 6, 1928
Feb. 15, 1928—SW JEFFERSON AND
Sct S alg W Scott 50 x W 93.9.
Lds R and Brigit Anderson to whom
it may concern.....Feb. 15, 1928
Feb. 15, 1928—E DIVISADERO 100 N
Francisco N 25 x E 100. Virgil E
Hay to whom it may concern.....
Feb. 15, 1928
Feb. 15, 1928—SE HARRISON 30 S W
5th SW alg Harrison 30 x SE 87.6
pt 100 V blk 384. Barrett & Hilp to
whom it may concern.....Feb. 5, 1928

No 2 Clarendon Heights also known
as 228 Twin Peaks Blvd John Mar-
tinelli and Joseph Ferri (\$580), and
J J Meeks (\$150) vs H Steiger, Harry
and Margaret Kavanagh.....
Feb. 8, 1928—LOT 11 BLK 24 FOREST
Hill. Schoenfeld Planing Mill Co vs
Marion Barker, Louis Goldstein, Es-
ther H and C M Jacobsen.....\$654.26
Feb. 9, 1928—N ALHAMBRA & Mal-
lorca way NW alg NE Mallorca way
50.134 NE 100 SE 61.406 to NW Al-
hambra SW alg NW Alhambra 100.636
to NE Mallorca way and pt of beg
being lot 19 blk 462A assessor's map.
Golden Gate Atlas Materials Co vs
Bessie Cooley, Luther Ward, Louis
Blum.....\$1671.93
Feb. 9, 1928—N SUTTER 167.3 W Oc-
tavia N 120 x W 47.3 fmlly assessors
map lot 3A blk 199 W A Golden Gate
Atlas Materials Co vs H D Pittman,
Louis Blum, Luther Ward.....\$1314.29
Feb. 9, 1928—N POST 199 W LAGUNA
W alg N Post 50 x N 137.6 lot 12 blk
686. Tilden Lumber & Mill Co vs Geo
G Shimamoto, J and Charles M Kiku-
gawa, Annie E, Lloyd and Mary C
Leo.....\$802.04
Feb. 9, 1928—SW WALLER & Alpine
Terrace W alg S Waller 59.0½ x S
75 ptn W A 521. A J Ruhlman & Co
vs Georgia C Raymond and James E
Raymond.....\$118.20
Feb. 9, 1928—LOT 6 BLK 9 FOREST
Hill. Palace Hardware Co vs Frank
R and Allie J Hill.....\$128.50
Feb. 9, 1928—NW COR SLOAT BLVD
& 47th ave 182.343 on Sloat blvd &
131.112 on 47th ave. Arthur A Goepf
Inc vs George N Klemyer and Harry
M Siegler.....\$415
Feb. 9, 1928—E MONTCALM 25 NW
Wright N 25 x E 100 also known as
23 Montcalm ave. San Francisco Ter-
razzo Assn vs Marie Byrne, Joseph
Byrne, Davis Sutter, National Con-
struction Co.....\$82.80
Feb. 8, 1928—W 11TH AVE 250 S Cal-
ifornia S 35 alg W 11th ave N W 120.
Schoenfeld Planing Mill Co vs R Leon
Lawrence.....\$2485.20
Feb. 10, 1928—W SCOTT 82.6 S Filbert
S 27.6 x W 137.6. George R Nelson,
Barry E Corlett and R G Mullin vs
Schwartz & Co.....\$732.94
Feb. 10, 1928—S WASHINGTON 173.6
W Larkin W alg Washington 36.6 x S
127.8½. John Gernetti vs Domestic
Engineering Corp.....\$123
Feb. 10, 1928—W 15TH AVE 25 N Ir-
ving N 25 x W 90. John Gernetti vs
Domestic Engineering Corp.....\$418
Feb. 10, 1928—SE COR JEFFERSON &
Divisadero S 50 E 93.6 N 50 W 93.9.
Robert Balzke vs Edna B and R J
Stempel, I M Plastering Co. & A G
Isaacs.....\$733.18
Feb. 10, 1928—BLK 19 LOT 22 St Fran-
cis Wood, 50 Yerba Buena ave. In-
laid Floor Co vs M C Ingraham, Rob-
ert R and Jeannett Newell.....\$267.50
Feb. 11, 1928—LOT 11 BLK 2840
Forest Hill Tract also known as No.
62 Castanada Way. Chamberlin
Metal Weather Strip Co vs M J
Baker.....\$165.28
Feb. 11, 1928—COMG. 480 from Inter-
section S Sadowa and W Capitol
Ave W alg S Sadowa 25xS 125 being
Ptn Blk S Railroad Hd. Assn Lot 16.
San Francisco Terrazzo Assn vs
Keessing & Mills.....\$63.40
Feb. 11, 1928—S SADOWA 480 W
Capitol Ave W 25xS 125 being Lot 16
Blk C Railroad Hd. Assn No. 2. C
Dowall vs Eleanor Halman Mills; H
Keessing and John Doe Mills.....\$60
Feb. 11, 1928—S SADOWA 480 W
Capitol Ave W 25xS 125 being Lot 16
Blk C Railroad Hd. Assn No. 2. H
H Smith vs Eleanor S Mills.....\$951.45
Feb. 11, 1928—S SADOWA 480 W
Capitol Ave W 25xS 125 being Lot 16
Blk C Railroad Hd Assn No. 2. P E
Depnoli vs Mills & Keessing.....\$70
Feb. 11, 1928—LOT 56 BLK 11, Map
Sub No. 2, Clarendon Heights. Harry
and Margaret Kavanagh vs H Stelger
.....\$102.10
Feb. 11, 1928—S SADOWA 121-6 E
Orizaba E 25xS 125 Ptn Blk C Rail-
road Hd Assn. P Baudo vs James J
Crown Jr and P Gavazza.....\$290.50
Feb. 11, 1928—S SADOWA 121-6 E Or-
izaba Av E alg S Sadowa 25xS 125, Ptn
Blk C Railroad Hd. Assn. A Stockton
Lumber Co vs F Collins and P
Gavazza.....\$567.25
Feb. 14, 1928—LOT 7 BLK 17, Forest
Hill. American Window Shade Co
vs Louis Goldstein; Anna Goldstein
Barker and C M and Esther Jacob-
son.....\$57.50

RELEASE OF LIENS

San Francisco County

Recorded	Amount
Feb. 8, 1928—SE LONDON 275 NE France Ave NE 25xSE 100. Donovan & Farmer to William H Heagerty and Vito and Anina Priolo.....	
Feb. 8, 1928—SE LONDON 275 NE France Ave NE 25xSE 100. Samuel Rai to Adams Electric Co and Vito Priolo.....	
Feb. 8, 1928—SE LONDON 275 NE France Ave NE 25xSE 100. Harry Shapiro to Vito Priolo.....	
Feb. 8, 1928—SE LONDON 275 NE France Ave NE 25xS7 100. T H Burton; H S Thomson; G Mazzera to W H Heagerty and Vito Priolo.....	
Feb. 11, 1928—S FELL 137-6 E Laguna E 55xS 120. Dickey Kelvinator Sales Co to Fred Hechter.....	

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
281	Fosen	Williams	5100
282	Noe	Owner	7100
283	Miles	Osborn	5000
284	Rankin	Owner	5000
285	Roseberg	Owner	3800
286	Roseberg	Owner	3400
287	Baker	Owner	7500
288	Smith	Owner	6500
289	Woodburn	Owner	9900
290	Hostetter	Barr	100000
291	Havenscourt	Owner	4000
292	Berkeley	Owner	5500
293	Coogan	Maurer	17500
294	Ellam	Owner	3150
295	Hufschmidt	Owner	3650
296	Jewett	Jewett	6750
297	Rush	Owner	2000
298	Muther	Owner	9250
299	Taylor	Owner	6300
300	Golden	Electrical	—
301	Bonds	Owner	6000
302	Robie	Wilson	8650
303	Schmidt	Owner	9000
304	A T & S F R R	Owner	40000
305	Houston	Stanck	1500
306	Kinney	Owner	6600
307	Nash	Owner	4500
308	Hobert	Oman	2500
309	Paralo	Fagerstrom	2500
310	Vegt	Marin	3000
311	Austin	Owner	11500
312	Anderson	Owner	12000
313	Dashiel	Owner	3000
314	Hamilton	Owner	2500
315	Kitchen	Owner	4150
316	MacKintosh	Owner	4700
317	Oakland	Swanstrom	54750
318	Snaldy	Allan	2150
319	Warner	Owner	9000
320	Whalen	Owner	3600
321	Whitton	Owner	5000
322	Geary	Owner	3500
323	Pacific	Pearson	2500
324	Duncan	Owner	3500
325	Fowler	Oakland	1500
326	Johanson	Owner	6400
327	Johanson	Owner	3200
328	McGrath	Squires	4000
329	Oakland	Wheeler	18000
330	Robins	Owner	1000
331	Schlessinger	Dinwiddie	6000
332	Sigwald	Owner	2875
333	Sigwald	Owner	2875
334	Sigwald	Owner	3000

APARTMENTS

(272) 2427 HILGARD AVE., Berkeley.
3-story, 36-room, 15-apartment bldg.
Owner—J. F. Whitehouse, 124 Mroago
Piedmont.
Architect—Clay N. Burrell, 217 Amer-
ican Bk. Bldg., Oakland \$36,000

RESIDENCE

(280) NO. 681 SPRUCE ST., Berkeley.
Two-story 6-room 1-family residence
Owner—Ira Latour, 907 Oxford St., Ber-
keley.
Architect—W. W. Dixon, Berkeley \$5100

DWELLING

(281) 3133 McKILLOP rd., Oakland; 1-
story 6-room dwelling and garage.
Owner—Gertrude Fosen.
Architect—None.
Contractor—H. E. Williams, 1606 Cava-
naugh rd., Oakland. \$5100

LIENS FILED

San Francisco County

Feb. 1, 1928—W BURNETT AVE 153.2
S Clarendon ave W 103.3 S 25 E 107.5
to W Burnett ave rung NW alg W
Burnett ave N 19.10½ to ptn on W Bur-
nett ave N 5.3½ to pt of beg being
lot 6 blk 11 Clarendon Heights Sub
No 2 being also known as lot 7 blk
27 assessors map book. W P Fuller
& Co vs Harry P Kavanagh & Mar-
garet Kavanagh and H Stelger. \$49.35
Feb. 1, 1928—LOT 56 BLK 11 MAP Sub

DWELLING
(282) 356 TRENTLE GLEN rd., Oakland;
2-story 8-room dwelling and garage.
Owner—Samuel Moe, 1539 Hampel st.,
Berkeley. \$7100
Architect—None.

DWELLING
(283) 370 COCHRANE ave., Oakland; 2-
story 5-room dwelling.
Owner—Chas. Miles, 1721 Cedar st., Ber-
keley.
Architect—None.
Contractor—Osborn & Andrews, 1094 Eu-
clid ave., Berkeley. \$5000

DWELLING
(284) S WOOLSEY St. 85 E Benvenue
ave., Oakland; 2-story 6-room dwell-
ing.
Owner—L. S. Rankin, 809 Alma ave., Oak-
land.
Architect—None. \$5000

DWELLING
(285) 3000 PARTRIDGE Ave., Oakland;
1-story 5-room dwelling.
Owner—August Roseberg, 1712 48th ave.,
Oakland.
Architect—None. \$3800

DWELLING
(286) 2916 PARTRIDGE Ave., Oakland;
1-story 4-room dwelling.
Owner—August Rosenberg, 1712 48th ave.,
Oakland.
Architect—None. \$3400

RESIDENCE
(287) NO. 148 NOVA DRIVE, Piedmont.
Two-story 8-room frame residence
and garage.
Owner—W. J. Baker, 2255 Ransome St.,
Oakland.
Architect—None. \$7500

ALTERATIONS
(288) NO. 516 BOULEVARD WAY, Piedmont.
Moving residence and
garage from Oakland to Piedmont.
Owner—M. G. Smith, 3915 Grand Ave.,
Oakland.
Architect—None. \$6500

RESIDENCE
(289) NO. 351 WALDO AVE., Piedmont.
Two-story 8-room frame residence
and garage.
Owner—L. L. Woodburn, 617 Walavista
Ave., Oakland.
Architect—None. \$9900

APARTMENTS
(290) N CLEVELAND 203 W Park blvd.,
Oakland; 3-story 72-room apts.
Owner—F. E. Hostetter, 306 12th st.,
Oakland.
Architect—C. Dakin, 21st and Harrison
sts., Oakland.
Contractor—Barr & Son, 900 Everett ave.,
Oakland. \$100,000

CLUB HOUSE
(291) E HAVENSCOURT, 200 S Beck st.,
Oakland; 1-story club house.
Owner—Havenscourt Improvement Club,
premises.
Architect—None. \$4090

RESIDENCE
(292) 467 KENTUCKY, Berkeley; 1-story
6-room residence and garage.
Owner—Berkeley Building Co., 2029 Shat-
tuck ave.
Architect—None. \$5500

RESIDENCE
(293) 41 CREST Road, Piedmont; 2-story
10-room frame residence and garage.
Owner—A. J. Coogan, 50 York dr., Pied-
mont.
Architect—Newsom & Newsom, Federal
Realty Bldg., Oakland.
Contractor—Geo. J. Maurer Co., 50 York
dr., Piedmont. \$17,600

RESIDENCE
(294) 1415 SANTA FE Ave., Berkeley;
1-story 5-room residence and garage.
Owner—G. Ellam, 1419 Santa Fe ave.,
Berkeley. \$3150
Architect—E. Pederson.

RESIDENCE
(295) 1250 PARKER, Berkeley; 1-story
5-room residence and garage.
Owner—W. Hufschmidt, 85 Nova drive,
Richmond.
Architect and Contractor—E. M. Wil-
hamson, 3761 Allendale ave., Oakland.
\$3650

RESIDENCE
(296) 2015-17-19 McGee st., Berkeley, 1-
story 6-room 3-family residence and
garage.

Owner—Dorothy K. Jewett, 3012 McGee.
Architect—M. Little.
Contractor—R. M. Jewett, 3013 McGee.
\$6750

ALTERATIONS
(297) 1619 WALNUT St., Berkeley; al-
terations.
Owner—W. I. Rush, 552 Vincente ave.,
Berkeley.
Architect—None. \$2000

DWELLING
(298) N SUNNYHILLS Rd. 60 W Hubert
rd., Oakland; 2-story 8-room dwell-
ing and garage.
Owner—G. W. Muther, 5519 Thomas st.,
Oakland.
Architect—None. \$925

DWELLINGS
(299) 3049-55 GEORGIA st., Oakland; 2
1-story 5-room dwellings and garages.
Owner—F. S. Taylor, 2973 Hopkins st.,
Oakland.
Architect—None. \$2150 ca.

SIGN
(300) SW COR 23RD AVE. and E-15th
st., Oakland; electric sign.
Owner—Golden State Theatre Corp., Oak-
land.
Architect—None.
Contractor—Electrical Products Corp.,
950 30th st., Oakland.

RESIDENCE
(301) NO. 2340-44 VIRGINIA ST., Ber-
keley. One-story 9-room 2-family
residence.
Owner—Milton S. Bonds, 4928 Webster
St., Oakland.
Architect—None. \$6000

STORE BLDG.
(302) NO. 3266-70-72 ADELINE ST.,
Berkeley. One-story (2) store Class
C building.
Owner—F. E. Robie, 225 Alvarado Road,
Berkeley.
Architect—Hutchison & Mills, 1214 Web-
ster St., Oakland.
Contractor—L. R. Wilson, 2901 Russell
St., Berkeley. \$8650

RESIDENCE
(303) NO. 679 SAN LOUIS ROAD, Ber-
keley. Two-story 8-room 1-family
residence.
Owner—R. K. Schmidt, 1139 Euclid Ave.,
Berkeley.
Architect—None. \$9000

SLIP, ETC.
(304) NORTH END SHERMAN ST.,
Alameda. Freight slip and auto-
matic lift for car barges.
Owner—A. T. & Santa Fe Railroad Co.,
1001 Third St., San Francisco.
Architect—None. Cost, \$40,000

DWELLING
(305) NO. 326 LINCOLN AVE (rear),
Alameda. One-story 3-room stucco
finish dwelling.
Owner—Mrs. Houston, 336 Lincoln Ave.,
Alameda.
Architect—None.
Contractor—D. A. Stanck, 2440 Acton St.,
Berkeley. \$1500

DWELLING
(306) NO. 1642 MORELAND DRIVE,
Alameda. One-story 6-room stucco
finish dwelling.
Owner—C. H. Kinney, 480 Hardy St.,
Oakland.
Architect—Ralph E. Wood, 1801 Franklin
St., Oakland. \$6600

DWELLING
(307) NO. 1825 YALE DRIVE, Alameda.
One-story 5-room stucco finish dwell-
ing.

Owner—P. C. Nash, 474 55th St., Oakland.
Architect—Ralph E. Wood, 1801 Frank-
lin St., Oakland. \$450

RESIDENCE
(308) NO. 1460 BANCROFT WAY, Ber-
keley. One-story 5-room 1-family
residence.
Owner—Jesse Hobert, 1804 Chestnut St.
Berkeley.
Architect—None.
Contractor—H. Oman, 1802 Chestnut St.
Berkeley. \$250

RESIDENCE
(309) NO. 2808 TENTH ST., Berkeley.
One-story 3-room 1-family residence.
Owner—H. Pavola, 1016 Grayson St.
Berkeley.
Architect—None.
Contractor—Otto Fagerstrom, 1010 Gray-
son St., Berkeley. \$250

TOWER
(310) NO. 744 HEINZ ST., Berkeley.
Cooling tower.
Owner—Vest Oil Corporation, Berkeley.
Architect—None.
Contractor—H. J. Marlin, 1040 Murry St.
Berkeley. \$300

WAREHOUSE
(311) N 4TH ST. 165 W Alice st., Oak-
land; 2-story brick warehouse.
Owner—The Austin Co. of Calif., 24
Kearny st., S. F.
Architect—None. \$11,500

APARTMENTS
(312) S YOSEMITE Ave. 200 E Piedmont
ave., Oakland; 2-story 16-room apt.
Owner—H. O. Anderson, 2825 Pine st.
S. F.
Architect—None. \$12,000

DWELLING
(313) 4532 Pampas st., Oakland; 1-story
4 room dwelling.
Owner—E. L. Dashiell, 1666 67th ave.
Oakland.
Architect—None. \$300

DWELLING
(314) N TRUMAN ave. inter. Shaw ave.
Oakland; 1-story 5-room dwelling.
Owner—W. B. Hamilton, 5246 Miles ave.
Oakland.
Architect—None. \$250

DWELLING
(315) 3126 SHEFFIELD Ave., Oakland.
1-story 5 room dwelling.
Owner—H. W. Kitchen, 406 62nd st.
Architect—None. \$4100

STORES
(316) E PARK Blvd. 75 S E-34th st, Oak-
land; 1-story stores.
Owner—C. MacKintosh, 4444 Park blv
Architect—None. \$4700

SCHOOL
(317) W PARK blvd. 750 S Hopkins st.
Oakland; 3-story concrete school.
Owner—Oakland Public Schools, Ci-
Hall.
Architect—J. I. Easterly, 337 17th st.
Contractor—Geo. Swanstrom, 1722 Wel-
ster st. \$54,700

DWELLING
(318) 2825 SHORT St., Oakland; 1-story
5-room dwelling and garage.
Owner—B. S. Spaldy, 2819 Short st.
Architect—None.
Contractor—Jas. Allan, 7830 Alder s
Oakland. \$3100

DWELLINGS
(319) 3706, 3712, 3718 QUIGLEY St., Oak-
land; 3 1-story 5-room dwellings.
Owner—S. A. Warner, 850 Cleveland av
Oakland.
Architect—None. \$3000 e

DWELLING
(320) 6635 DEAKIN St., Oakland; 1-story
5-room dwelling and garage.
Owner—J. F. Whalen, 324 Warwick s
Oakland.
Architect—None. \$3600

DWELLING
(321) E CABRILLO Ave. 100 N Alce-
ave., Oakland; 1-story 5-room dwe-
lling and garage.
Owner—Whitton & Jones, 1831 S
Pedro ave., Berkeley.
Architect—None. \$5000

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE

(2) NO. 2112 WOOLSEY ST., Berkeley. One-story five-room 1-family residence.
Owner—J. J. Geary, 1221 Grant Ave., Oakland.
Architect—None. \$3500

OFFICE BLDG.

(3) NO. 615 HEARST AVE., Berkeley. One-story office building.
Owner—Pacific Guano Fertilize Co.
Architect—None.
Contractor—Ben Pearson, 1808 Channing Way, Berkeley. \$2500

DWELLING

(4) E NEY Ave. 200 S Heron, Oakland; 1-story 5-room dwelling.
Owner—Geo. Duncan, 2523 78th ave., Oakland.
Architect—None. \$3500

SERVICE STATION

(5) NE 87TH AVE. and E-14th st., Oakland; 1-story brick and tile service station.
Owner—H. W. Fowler, 87th ave. and E-14th st., Oakland.
Architect—None.
Contractor—Oakland Steel Bldg. Co., 3501 Lakeshore blvd., Oakland. \$1500

WELLINGS

(26) 2906-2914 76th ave., Oakland; two 1-story 5-room dwellings and garages.
Owner—K. A. Johanson, 2429 13th ave., Oakland.
Architect—None. \$3200 ea.

WELLING

(27) 2900 76th ave., Oakland; 1-story 5-room dwelling.
Owner—K. A. Johanson, 2429 13th ave., Oakland.
Architect—None. \$3200

WELLING

(28) 3011 SEMINARY Ave., Oakland; 1-story 5-room dwelling and garage.
Owner—Jas. McGrath.
Architect—None.
Contractor—C. R. Squires, 1451 Seminary ave., Oakland. \$4000

(29) SW 74TH AVE. and Foothill blvd., Oakland; 1-story bank.
Owner—The Oakland Bank, 12th and Broadway.
Architect—Geo. O'Brien, Federal Telegraph Bldg., Oakland.
Contractor—Wm. Wheeler, 12th and Broadway, Oakland. \$18,000

ADDITION

(30) 1415 HAMPEL St., Oakland; addition.
Owner—Mrs. L. Robins, 1415 Hampel st., Oakland.
Architect—None. \$1000

ALTERATIONS

(31) E SAN PABLO Ave. at Pedestrian way, Oakland; alterations.
Owner—B. F. Schlessinger & Sons.
Architect—T. Ronneberg, Crocker National Bank Bldg., S. F.
Contractor—Dinwiddie Const. Co., Crocker National Bank Bldg., S. F. \$6000

DWELLING

(32) 2845 MORGAN St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$2875

DWELLING

(33) 2863 MORGAN St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$2875

DWELLING

(34) 2950 PERALTA Ave., Oakland; 1-story 5-room dwelling.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$3000

BUILDING CONTRACTS

Alameda County

280 Latour	Owner	5100
35 Howard	Walsh	52750
36 Ford	Pacific	15139
37 Clinton	Badt	14740
38 Southern	Dias	3542
39 Pacific	Capitol	4622
40 Migliavacca	Kopf	16500
41 Twentieth	Catucci	20299

WAREHOUSE

(35) FIRST & Market sts., Oakland; all work on 1-story brick and steel warehouse.
Owner—Howard Company, 1st and Market sts., Oakland.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—James T. Walsh, 608 Woodland, San Leandro.
Filed Feb. 9, 1928. Dated Feb. 8, 1928
Progressive payments 1st and 15th of each month.
Contractor's fee of \$2500 payable 35 days after completion.
Total cost not to exceed \$53,750
Bond, forfeit, none; limit 90 days. Plans and spec. filed.

BUNKERS

(36) E PERALTA St. 36.353 SW 26th st., Oakland; all work on gravel bunkers.
Owner—Wm. H. Ford, 704 Market st. San Francisco.
Architect—J. C. Buckbee Co., Chicago, Ill.
Contractor—Pacific Coast Eng. Co.
Filed Feb. 9, 1928. Dated Jan. 30, 1928
10th of each month75%
Usual 35 days25%
TOTAL COST \$15,139
Bond, \$7570; surety, Fidelity and Dep. Co. of Md.; limit, forfeit, none; plans and spec. filed.

BUILDING

(37) SW NINTH & Castro sts., Oakland; installing steel work.
Contractor—Clinton Construction Co., 903 Folsom st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Sub-contractor—Badt-Falk & Co., 74 New Montgomery st., S. F.
Filed Feb. 10, 1928. Dated Feb. 7, 1928
On or before 10th of month75%
Usual 35 days25%
TOTAL COST \$14,740
Bond, limit, forfeit, none; no plans or spec. filed.

SHED

(38) HALL, Alameda Co.; all work on packing shed.
Owner—Southern Pacific Co., Oakland Pier, Oakland.
Architect—None.
Contractor—E. E. Dias, Niles, Cal.
Filed Feb. 10, 1928. Dated Jan. 6, 1928
Close of each month75%
Usual 35 days25%
TOTAL COST \$3542
Bond, \$3542; surety, Fidelity & Dep. Co.; limit, 21 days; forfeit, none; plans and spec. filed.

GAS PLANT

(39) COMPANY'S STATION C. block bounded by First, Grove, Water and Jefferson sts., Oakland; sheet metal work on gas plant.
Owner—Pacific Gas & Electric Co., 17th and Clay sts., Oakland.
Architect—None.
Contractor—Capitol Art Metal Co., Howard and Langton sts., S. F.
Filed Feb. 11, 1928. Dated Jan. 30, 1928
On completion75%
Usual 35 days25%
TOTAL COST \$4622
Bond, \$4622; surety, New Amsterdam Casualty Co; limit 60 days; forfeit none; plans and spec. filed.

DWELLING

(40) SW ASHMOUNT Ave. and Clarendon Crescent, Oakland; all work on 2-story frame dwelling and garage.
Owner—Sero Migliavacca, 5 The Uplands, Berkeley.
Architect—E. Elliott Ponsford, 900 Creed rd., Oakland.
Contractor—Ben F. Kopf, 845 Pacific, Alameda.
Filed Feb. 15, 1928. Dated Feb. 15, 1928
Roof on25%
Brown coated25%
Accepted25%
Usual 35 days25%
TOTAL COST \$16,500
Bond, forfeit, none; limit, 4 1/2 months; plans and spec. filed.

STORE BLDG.

(41) BOUNDED BY Broadway, Telegraph and 20th st., Oakland; excavating for class A dept. store bldg.
Owner—Twentieth and Broadway Realty Co.
Architect—Ashley, Evers and Hayes, 525 Market st., S. F.
Contractor—J. Catucci, 1212 18th ave., Oakland.
Filed Feb. 15, 1928. Dated Feb. 14, 1928
10th and 25th of each month75%
Usual 35 days25%
TOTAL COST \$30,299.00
Bond, \$15,149.55; surety, Hartford Accident and Indem. Co; limit, 50 days; forfeit, none; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded	Accepted
Feb. 10, 1928—1000 CRAGMONT AVE., Oakland. J F Altermatt to whom it may concern.	Feb. 10, 1928
Feb. 10, 1928—PTN LOT 23 BLK B, Glenwood, Oakland. C L and Claris Carson to Warn Bros.	Feb. 1, 1928
Feb. 10, 1928—LOT 60, BELLEVUE Gardens Sub, San Leandro. Thomas Wilson to whom it may concern.	Feb. 9, 1928
Feb. 10, 1928—S 31ST ST 580 E Grove st, Oakland. Joseph Coward to whom it may concern.	Feb. 9, 1928
Feb. 10, 1928—HALL, Cal. Southern Pacific Co to Worden & Forsythe.	Feb. 2, 1928
Feb. 10, 1928—BERKELEY, OAKLAND Alameda, Southern Pacific Co to Hutchinson Co Inc. (2 completions)	Jan. 31, 1928
Feb. 10, 1928—4129 TO 4137 EAST 14TH st, Oakland. E L Blackman to Jos Koedeker.	Feb. 7, 1928
Feb. 10, 1928—89 MENLO PLACE, Berkeley. Gwendoline M Ralston to Ralston & Anderson.	Feb. 10, 1928
Feb. 8, 1928—PTN LOT 1 BLK 680, Waga Tract, Oakland. Conrad Roth to self.	Jan. 23, 1928
Feb. 8, 1928—LOTS 29 & 30 AND PTN lots 27 and 31 blk 1, Shattuck tract Berkeley, Mercantile American Realty Co to W H Picard.	Jan. 24, 1928
Feb. 9, 1928—LOT 27 BLK A, MAP NO 2 San Pablo Park, Berkeley. E J Bigley to whom it may concern.	Jan. 30, 1928
Feb. 9, 1928—201 BELLEVUE DRIVE San Leandro. Perry J Hazen to Nylander Bros.	Feb. 8, 1928
Feb. 14, 1928—621 VALLE VISTA AVE, Oakland Fritz Rinkert to whom it may concern.	Feb. 14, 1928
Feb. 14, 1928—PTN LOT 3 BLK L, Malaga Acres, Oakland. C H Gish to self.	Feb. 6, 1928
C H Gish.....	Feb. 6, 1928
Feb. 14, 1928—NO. 3216 THOMPSON Ave, Alameda. C A Lindeman to Julius J Grodem.	Feb. 13, 1928
Feb. 14, 1928—LOT 305, Terrace Junction Tract, Albany. Elinor H Forster to whom it may concern.	Feb. 10, 1928
Feb. 14, 1928—PTN LOT 3 BLK 2, Arden Villa Sites, Berkeley. Maud W Richardson to J Dawson.	Feb. 11, 1928
Feb. 14, 1928—LOT 232, Cherrvland, San Twn. Joseph H Bell to Derry, Weaver & Derry.	Feb. 8, 1928
Feb. 14, 1928—PTN LOT 7 BLK 1 No. Cragmont, Berkeley, Cora Charles to whom it may concern.	Feb. 10, 1928
Feb. 11, 1928—PTN LOT 7 BLOCK B Revised map of Oak Tree Farm Tct, Brooklyn twp. N E Rockwell to Henry Nelson.	Feb. 9, 1928
Feb. 11, 1928—2320 HASTE ST., Berkeley. Louis A Sanders to whom it may concern.	Feb. 10, 1928
Feb. 11, 1928—LOT 10 & PTN LOT 9, lot 21 and ptn lots 13-14 and 20, Loop Tract Oakland. Carl T Petersen to J B Peppin.	Feb. 10, 1928

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

Feb. 11, 1928—1941 HOOVER AV, Oakland. Harry W Hartman to C M Hinds. Feb. 11, 1928
 Feb. 14, 1928—LOT 9 KINGSLEY 14, Oakland. M W Cardwell to W E Smith. Feb. 11, 1928
 Feb. 8, 1928—LOTS 6 & 7 BLK 12, Daley's Seismic Park, Berkeley. H Kappa Phil Alumni Assn to Fidelity Mtg & Securities Co of Calif. Feb. 4, 1928
 Feb. 8, 1928—391 37TH ST., Oakland. J W and Christine J Serpa to C C Garfield. Nov. 28, 1927
 Feb. 8, 1928—1031 HEARST AVE, Berkeley. Mrs Huma Schman to whom it may concern. Feb. 3, 1928
 Feb. 8, 1928—LOT 10 BLK 3, Iveywood Extension, Ben M Fillmore and H Roderick Smith to whom it may concern. Feb. 7, 1928
 Feb. 8, 1928—115 RONADA, Piedmont. Richard H Brazeal to J Harry Smith. Jan. 7, 1928

LIENS FILED

Alameda County

Recorded Amount
 Feb. 11, 1928—LOT 7 BLK F, Daly tract, Oakland. Bass-Hueter Paint Co vs George George, Madeline McWilliams on, J C Keyes. \$49.35
 Feb. 11, 1928—SW SHATTUCK and University aces, Berkeley. A K Goodmundson vs Bank of Italy, National Trust & Savings Assn, Ray Construction Co. \$57.75
 Feb. 10, 1928—396 11TH ST., Oakland. Scott-Buttner Elec Co vs Mary G Williamson. \$158.24
 Feb. 10, 1928—NE 90TH AV & HOLLY st, Oakland. Palace Hardware Co vs Pacific Tel & Tel Co, Lawton & Vezey. \$650
 Feb. 9, 1928—LOT 19 BLK 2, North Cragmont, Berkeley. Fee Bros vs John A Buchanan. \$1182.43
 Feb. 9, 1928—SW SHATTUCK & University aces, Berkeley. Federal Ornamental Iron and Bronze Co. vs Bank of Italy Nat Trust & Svgs Assn. Ray Construction Co, Pacific Indem Co. \$676.50
 Feb. 8, 1928—1606 81ST AVE, Oakland. Rhodes-Jamieson Co vs Elizabeth Giraud, A J Kent. \$72.64
 Feb. 11, 1928—LOT 31 BLK E, East Piedmont Heights, Oakland. A K Goodmundson vs William and Dorothy G Hooper. \$197
 Feb. 14, 1928—LOT 29 BLK 5, Thousand Oaks Heights, Berkeley. K Ross vs Charles A Osborn. \$171
 Feb. 14, 1928—NO. 1304 THIRTY-fourth St., Oakland. Boorman Lumber Co vs Max Braendlin. \$90
 Feb. 14, 1928—LOT 4 BLK 15, Lakeside Subdn of Adams Point Ppty, Oakland. Clarence Markus et al vs L B Page, Leo Schwartzreich, Leon Schwartz and Pacific Coast Bldg Co. \$352.21
 Feb. 14, 1928—LOT 18, Claremont Woodland Heights, Oakland. Sunset Lumber Co vs Albert W Krotzyner. \$503.84

RELEASE OF LIENS

Alameda County

Feb. 14, 1928—1606 81st AVE, Oakland. Rhodes-Jamieson Co to Elizabeth Giraud, A J Kent. \$72.64
 Feb. 10, 1928—NW 90TH AVE & Holly st., Oakland. Palace Hardware Co to Pacific Tel & Tel Co, Lawton and Vezey. \$650
 Feb. 10, 1928—SW UNIVERSITY & Shattuck aces, Oakland. Planing Mill to Bank of Italy Nat Trust & Svgs Assn, Ray Construction Co. \$765

Feb. 9, 1928—LOTS 42, 43 BLK B Christiana tract, Berkeley. Sunset Lumber Co to Chas S and Edith Williams, A W Schneek. \$436.88
 Feb. 7, 1928—MOUNTAIN BLVD, Oakland. Hardwood Floor Co Inc to Ward W. Young, Lillian D Sealy, Young Construction Co. \$379

BUILDING CONTRACTS

SAN MATEO COUNTY

THEATRE
 DALY CITY, all work on 2-story theatre bldg.
 Owner—J. W. Marchbank.
 Architect—Creston H. Jensen.
 Contractor—Anderson & Ringrose.
 Filed Feb. 10, 1928. Dated Feb. 8, 1928
 Progress75%
 Usual 35 days25%
 TOTAL COST \$93,000
 Bond, forfeit, none; limit 175 working days; plans and spec. filed.

BUILDING PERMITS

SAN MATEO

BUNGALOW and garage, \$3000; Lot 20 Blk 10, South H St., San Mateo; owner, H. H. Randies, 1029 Paloma Ave., San Mateo.
 BUNGALOW and garage, \$3000; Lot 47 Nadira St., San Mateo; owner, Geo. E. Fisher, 326 3rd Ave., San Mateo.
 BUNGALOW and garage, \$5000; Lot 24 Blk 12, South F St., San Mateo; owner, A. Powers, 515 South H St., San Mateo.
 BUNGALOW, \$3000; N ½ Lot 20 Blk 5, South H St., San Mateo; owner, Montag, 528 South H St., San Mateo contractor, A. Powers, 515 South H St., San Mateo.
 BUNGALOW and garage, \$4000; Lot 5 Blk 39 No. H St., San Mateo; owner, Abb. H. Elliot and Guy C. Calden, trustees for Lakuso and Leiko Yamada, 503 Flatiron Bldg., San Francisco; contractor, M. F. Daly, 217 Myrtle Road, San Mateo.
 BUNGALOW and garage, \$5000; Lot 6 Blk 6, Cor. 5th and H Sts., San Mateo; owner, A. Mazzuelo, 319 The Crescent, San Mateo; contractor, Fazzi & Thornwall, 319 The Crescent San Mateo.
 BUNGALOW and garage, \$6000; SW Por 184, Clark Drive, San Mateo; owner, Oscar T. Cavanaugh, 432 Occidental St., San Mateo.
 RESIDENCE, 2-story, \$9000; 2 Resub. 235 Edgewood Road, San Mateo; owner Oscar L. Cavanaugh, 432 Occidental St., San Mateo.
 RESIDENCE, 2-story, \$9000; 3 Resub. 235 Warren Road, San Mateo; owner, Oscar L. Cavanaugh, 432 Occidental St., San Mateo.
 RESIDENCE, two-story, \$9000; 1 Resub. 235 Edgewood Road, San Mateo; owner, Oscar L. Cavanaugh, 432 Occidental St., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 Feb. 6, 1928—LOT 3 BLK 1 Burlingame Villa Park, Henry W Opperman to whom it may concern. Feb. 4, 1928
 Feb. 7, 1928—LOT 9 BLK 18 Crocker Estate tet, Nelson E Lutz to whom it may concern. Feb. 7, 1928
 Feb. 8, 1928—LOT 1 BLK 2 Wellrsly Park. Carolyn Clements to San Carlos Const Co. Feb. 8, 1928
 Feb. 8, 1928—LOTS 6A, 6B BLK 17 Lyon & Hoag Sub Burlingame; Kat-

erin Littings to whom it may concern. Feb. 8, 1928
 Feb. 8, 1928—LOTS 33 & 29 BLK 20 Huntington Park. E Peterson to whom it may concern. Feb. 8, 1928
 Feb. 9, 1928—LOTS 12, 13, BLK 28, Belle Air Park, Francisco Petracosta et al to Wm A F Ziedrich. Feb. 6, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 Feb. 6, 1928—LOT 1 BLK 4 Burlingame Hills. Pacific Mfg Co vs Nattie C Bekume. \$1366.6
 Feb. 7, 1928—LOT 41 Hillsborough Park No 1, Coholan Co vs F A Brinkman. \$109.9
 Feb. 10, 1928—LOTS 6, 7, 8 & 9, BLK 11 North Palo Alto, George V Hand et al \$422.50; F C Forrester \$406.25, vs Martin Turley et al.

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
 Feb. 6, 1928—LOT 36 BLK 6 Burlingame, Frank Kappes \$149; Hattie Edwards \$117.91, to Michael J Roche et al.
 Feb. 6, 1928—LOT 36 B 6 Burlingame Smith Lumber Co \$140.10; J W Fore-sythe, \$168.50; San Mateo Feed & Fuel Co \$414.48; to Halger Marion Nielsen et al.
 Feb. 7, 1928 LOT 3 BLK 15\$505.00
 Lot 26 blk 1325.50
 Lot 1 blk 1229.50
 Lot 28 blk 1354.00
 all in Devonshire, Empire Planing Mill to Municipal Properties.
 Feb. 8, 1928—LOT 10 BLK 14\$112.30
 Los 27 blk 1057.05
 Los 1 Blk 31253.20
 Los 10 blk 650.50
 all in Devonshire, Empire Planing Mill to Municipal Properties Co.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

RESIDENCE
 CALAVERAS DIST. about 7 miles east of Milpitas; all work on 2-story frame residence and garage.
 Owner—Oscar Maurer.
 Architect—Chas. S. McKenzie, Bank of San Jose, Bldg., San Jose.
 Contractor—Al. W. Reese, 1210 Minnesota, San Jose.
 Filed Feb. 7, 1928. Dated Feb. 4, 1928
 Foundation completed\$2062.50
 Frame up2062.50
 1st coat of plaster2062.50
 Completed2062.50
 Usual 35 days2750.00
 TOTAL COST \$11,000
 Bond, \$5500; sureties, J. A. Chase, S. H. Chase; limit 100 working days from Feb. 4, 1928; forfeit, none; plans and spec. filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Feb. 1, 1928—PTN LOTS 1 AND 2 BLK 21 Seale Addn No 2, Palo Alto, Gilbert M Smith to whom it may concern. Jan. 31, 1928
 Feb. 1, 1928—LOT 22 JUANITA PARK San Jose. Alma B Harrison to whom it may concern. Jan. 31, 1928
 Feb. 1, 1928—NE COR STA TERESA and San Augustine, San Jose, Frank Pozzo to whom it may concern. Jan. 28, 1928
 Feb. 2, 1928—LOT 76 ON E 19TH ST San Jose, Mary C Almos to whom it may concern. Feb. 1, 1928
 Feb. 2, 1928—BEG SE COLERIDGE ave 150 SW Cowper st SW 75 x SE 125 ptn lots 4 and 11 Blk 24 Seale Addn No 2, Palo Alto, Clara R Lumbard to whom it may concern. Jan. 31, 1928
 Feb. 2, 1928—LOT 18 BLK 1 Restwood Park No 1. Rollie Williams et al to whom it may concern. Feb. 1, 1928

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature, 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

Los Angeles, Calif.

816 W. 5th Street

Feb. 3, 1928—1341 BYRON ST, Palo Alto. Florence Campbell Jones to whom it may concernFeb. 1, 1928
 Feb. 3, 1928—PTN LOT 36 V A Hancock subd No 1, S Teigland to whom it may concern.Feb. 2, 1926
 Feb. 3, 1928—N HALF LOT 28 BOYCE Addn, Palo Alto, E H Tucker to whom it may concern.Feb. 2, 1928
 Feb. 6, 1928—N FIFE AVE 554.70 E Boyce ave E 50 x N 215½ ptn Ellen A Fife ppy in Boyce & Ashby Tets, Palo Alto. Charles B McClelland to Whom it may concern.Jan. 21, 1928
 Feb. 6, 1928—LOTS 29, 30, 31 BLK 20, Vendome Park No 2, San Jose. G C McDonald et al to whom it may concern.Feb. 2, 1928

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Feb. 2, 1928—W LINE LOT 41 157.31 NW PINE, Willow Glen. Tynan Lumber Co to Joe Hansen.
 Feb. 2, 1928—SE SAN FERNANDO & 1st sts, San Jose. Leo E Shottenhamer to Fred W Hollman Inc et al.
 Feb. 4, 1928—E POPE ST 207.67 N Hamilton ave N 50 E 238.84 S 52.06 W to beg ptn blk H Palo Alto. Alfred Johnson to Fred W Timby.
 Feb. 6, 1928—W ASHBY AVE 150 S Hamilton ave S 50 x W 263.5 ptn lots 6 to 21 Ashby Addn, Palo Alto. L L Wiggins to Vincent A Fetzman.
 Feb. 6, 1928—NW FIRST AND UNION sts, San Jose. Tilden Lumber & Mill Co vs Chas Kelly.\$426.55

BUILDING PERMITS

BURLINGAME

BUNGALOW and garage, \$6000; Lot 39 Blk 4, Poppy Drive, Burlingame; owner, Morahan & Nulle, 2509 Adeline Drive, Burlingame.
 BUNGALOW and garage, \$6000; Lot 12 Blk 31, Cabrillo St., Burlingame; owner, Oscar Carlson, 845 Linden Ave., Burlingame.
 BUNGALOW, \$6600; Lot 5 Burlingame Terrace, Roosevelt Ave., Burlingame owner, Ed. S. Shaver, 1401 Carmelita St., Burlingame.
 BUNGALOW, \$6550; Lot 17 Blk 56, Vancouver, Burlingame; owner, James Hoane, 869 California Drive, Burlingame.
 BUNGALOW and garage, \$4500; Lot 30 Blk 59, Columbus St., Burlingame; owner, L. L. Edner.
 BUNGALOW and garage, \$5400; Lot 20 Blk 56, Vancouver St., Burlingame; owner, Chas. L. Bell, Burlingame.
 BUNGALOW and garage, \$5200; Lot 19 Blk 2, Adeline St., Burlingame; owner, Neil Donovan, Burlingame.

BUILDING PERMITS

REDWOOD CITY

STORE building, one-story reinforced concrete, \$9191; No. 633-635-639 Broadway, Redwood City; owner, John J. Kingwell, San Francisco; architect, John B. McCool, Hearst Bldg., San Francisco; contractor, Daley Bros., 171 Jeter St., Redwood.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage \$6500; 106 W Knoles way, Stockton; owner, L R Randolph; contractor, Randolph & West.
 RESIDENCE and garage, \$4000; 800 N Pershing, Stockton; owner, William Peenstra, 2261 Kensington way.
 RESIDENCE and garage, \$4000; 1348 W Poplar, Stockton; owner, William Peenstra, 2261 Kensington way.
 ICE HOUSE, \$1000; 37 E Second, Stockton; owner, Mrs. E. Williamson; contractor, American Ice and Fuel Co., Market and Union.
 RESIDENCES and garage, \$2500 each; 2222-2226 Alston way, Stockton; owner, L. A. Forkner; contractor, J. A. Plearco, 2111 Pacific ave.

BUILDING PERMITS

RICHMOND

COTTAGE, frame and plaster, \$2500; W 28th St., bet. Clinton and Downer Sts., Richmond; owner, W. B. Penland, 2001 Sonoma St., Valley.
 FLAT building, 2-story, \$2000; W San Pablo bet. Esmond and McBryde Sts., Richmond; owner, Frank E. Rogers, 313 12th St., Richmond.
 COTTAGE and garage, frame and plaster, \$2800; W 44th St., bet. Barrett and Roosevelt, Richmond; owner, M. A. Webber, 417 2nd St., Oakland; contractor, H. M. Roberts, 532 Meek Ave., Hayward.

COTTAGE, frame and plaster, \$1500, N Sycamore St., bet. 43rd and 45th Sts., Richmond; owner, S. A. Carlson, 1021 S-45th St., Richmond.

COTTAGES, 2 frame and plaster, \$2000 and \$2700; W 47th bet. MacDonald and Nevin, Richmond; owner, Herbert Green, 819 Ramona ave., Oakland.

COTTAGES, 2 frame and plaster, \$3900 each; E 6th bet. Ripley and Penn., Richmond; Owner, Thos. P. Bolger, Tulare & Barrett.

COTTAGE, frame and plaster and garage, \$3200; N Downer bet. 26th and 28th, Richmond; owner, C. E. Eakin, 2479 Le Court st., Berkeley.

COTTAGE, frame and plaster and garage, \$4500; W McLaughlin bet. Nevin and Barrett, Richmond; owner, W. P. Wright, 70 11th st., Oakland.

COTTAGE, frame and plaster and garage, \$4000; E 32nd bet. Roosevelt and Clinton, Richmond; owner, David Dryden, 2333 Garvin.

ADD 2 rooms and alter cottage, \$2000; 554 12th st., Richmond; owner, P. McCallum, 530 12th st.; contractor, H. A. Lassen, 5532 Manilla ave., Oakland.

BANK, 1-story reinf. concrete, \$42,000; NE 12th and MacDonald, Richmond; owner, Richmond Commercial & Savings Bank, 1213 MacDonald; Architect, H. A. Minton and L. H. Nishkian, Underwood Bldg., S. F.; contractor, Wallace Snelgrove, 163 18th st., Richmond.

COTTAGE, frame and plaster, \$2600; E 30th bet. Roosevelt and Clinton, Richmond; owner, C. M. Hinds, 2912 Monticello ave., Oakland.

PARSONAGE and Sunday school, 2-story frame and plaster, \$7500; SW 6th & Bissell, Richmond; owner, First Christian Church, 522 Bissell; architect, De Sano & Bedwell, 257 10th st., Richmond; contractor, C. W. Washbaugh, 1913 Chanslor, Richmond.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 Feb. 1 1928—LOTS 1 & 3 Blk 137 IN Third Addn to Pacific Grove Retreat Soren Oagaard to Arthur Morris.Jan. 24, 1928
 Feb. 6, 1928—E HALF LOT 20 & W half lot 18 blk 16 Oak Grove, Monterey. Joe Abluton to whom it may concern.Jan. 4, 1928
 Feb. 1, 1928—LOT 4 METZ SUB OF N ptn blk 58. John W Hilbert to Fred McCrary.Jan. 31, 1928
 Feb. 8, 1928—LOT 2 & NE 7½ LOT 4 blk 87 Third Addn to Pacific Grove Retreat. Floyd E and Gladys V Bryant to whom it may concern.Feb. 4, 1928
 Feb. 9, 1928—BEG 373.28 S 58.18 E from cor No 4 blk 325 map Pacific Grove Acres. Wade O Halstead to whom it may concern.Feb. 4, 1928

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
 Feb. 2, 1928—S HALF LOTS 15 & 16 blk 25 Springs Second Addn, Salinas Tilden Lumber & Mill Co to Matt C Bordges.\$2106.26

LIENS FILED

MONTEREY COUNTY

Recorded Amount
 Feb. 8, 1928—LOT 5 BLK 114A MAP City of Monterey. John Fice vs Joe and Sarah Di Maggio, Reserve Bldg & Loan Co and G W Brazelton.\$160
 Feb. 8, 1928—LOT 5 BLK 114A MAP of Monterey. F E Gervais (\$75); Oscar Andrews (\$64) vs Joe and Sarah Di Maggio, Reserve Bldg & Loan Co and G W Brazelton.
 Feb. 9, 1928—LOTS 10 & 11 BLK L, Severance Block Book Monterey City Lands. F W Bagshaw vs Geo T Marsh & Co.\$1746.70

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
 Feb. 7, 1928—MILL VALLEY, Joseph M Brand and wf to Wright & Cooney.Feb. 7, 1928
 Feb. 1, 1928—LARKSPUR, Baltimore Park. George Niven to Frank H Allen Inc.Feb. 7, 1928
 Feb. 8, 1928—BOLINAS, Edith S Waterman to Pepper & Pepper.Feb. 7, 1928

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 Feb. 8, 1928—LOT 7 BLK 89 EASTOF Center St. David Freeman and wife to L S Peletz.Feb. 1, 1928

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

STADIUM
 SUTTERVILLE ROAD & WESTERN Pacific Right-of-way on Sacramento Junior College Campus. All work for concrete stadium.
 Owner—Sacramento Stadium Comm. of Sacramento County.
 Architect—Dea & Dea, California State Life Bldg., Sacramento.
 Cotractor—George D. Hudutt, Inc., 1915 S St., Sacramento.
 Filed Feb. 6, 1928. Dated Ja. 18, 1928.
 TOTAL COST, \$135,588

BUILDING

" 13 BLK 7, N Sacramento Sub. No. 9. All work for brick building.
 Owner—Anphanasios Banpones, Sacramento.
 Architect—None.
 Contractor—L. G. Siller, 3248 H St., Sacramento.
 Filed Feb. 7, 1928. Dated Feb. 6, 1928.
 TOTAL COST \$4600

BUILDING PERMITS

SACRAMENTO

RESIDENCE, 5-room and garage, \$5000; No. 570 Pala Way, Sacramento; owner, E. A. Grubitus, 1908 N St., Sacramento; contractor, N. H. Lund, 3399 Curtis Way, Sacramento.
 GENERAL repairs, \$1000; No. 1749 35th St., Sacramento; owner, M. Margus, 1745 35th St., Sacramento; contractor, O. F. Bowman, Sacramento.
 RESIDENCE, 6-room and garage, \$5400; No. 1417 47th St., Sacramento; owner, S. W. Ottinger, 2204 J St., Sacramento.
 RESIDENCES (2) 6-room and garages, \$2950 each; No. 1043-1049 57th St., Sacramento; owner, Henry Schmidt, 4007 H St., Sacramento.
 RESIDENCE, 6-room and garage, \$4500; No. 3709 Miller Way, Sacramento; owner, Clarence Briggs, 3215 N St., Sacramento.
 STADIUM, \$145,588; College Grounds, Sacramento; owner, Sacramento Junior College; contractor, Geo. D. Hudnutt, 1915 St., Sacramento.
 RESIDENCE, 5-room and garage, \$4000; No. 1825 47th St., Sacramento; owner, C. Van Winkle, 3718 40th St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1700 Berkeley Way, Sacramento; owner, Joseph Pedone, 914 S St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 2261 36th St., Sacramento; owner, Paul R. Opdyke, 3239 E St., Sacramento.

RESIDENCE, 4-room, \$—; No. 1537 49th St (rear), Sacramento; owner, Antonio Del Maro, 1546 49th St., Sacramento.

RESIDENCE, 5-room and garage, \$4500; No. 1532 40th St., Sacramento; owner, F. M. Davis, 3685 J St., Sacramento.

RESIDENCE, 6-room and garage, \$6000; No. 817 45th St., Sacramento; owner, Martin H. Bateman, 1529 H St., Sacramento; contractor, N. H. Bateman, 609 San Miguel St., Sacramento.

RESIDENCE, 5-room and garage, \$2913; No. 2924 J St., Sacramento; owner, O. H. Moore, 3320 3rd Ave., Sacramento; contractor, B. H. Bell.

RESIDENCE, 6-room and garage, \$6500; No. 2901 24th St., Sacramento; owner, John Fernandez, 3040½ 33rd St., Sacramento.

RESIDENCE, 6-room and garage, \$4500; No. 2475 San Jose Way, Sacramento; owner, C. E. Orwig.

RESIDENCE, 5-room and garage, \$4500; No. 2881 Castro Way, Sacramento; owner, C. C. Stengal, 3800 33rd St., Sacramento; contractor, H. C. Prince, 3500 33rd St., Sacramento.

RESIDENCE, 6-room and garage, \$6000; No. 2764 9th Ave., Sacramento; owner, N. H. Lund, 3300 Cutler Way, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Feb. 9, 1928—N ¼ LOT 8 S. T. 29th and 30th Sts., Sacramento. R C Kennedy to whom it may concern. Feb. 8, 1928

Feb. 10, 1928—LOT 10, Western Pacific Addition, Sacramento. Elvin W Lindfeldt to whom it may concern.

Feb. 14, 1928—LOT 56 Wm Dreher Tct, Sacramento. J G Taylor to Wm Dreher. Feb. 11, 1928

Feb. 14, 1928—LOT 54 Blvd Terrace, Sacramento. F H and Etta M Bell to whom it may concern. Feb. 9, 1928

Feb. 14, 1928—BEN ALI SUBWAY, Sacramento. Dept. of Public Works to whom it may concern. Feb. 3, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Feb. 7, 1928—S 100 FT. LOT 5 and E ¼ Lot 6, J. K. 9th and 10th Sts., Sacramento. Friend & Terry Lumber Co vs E R Herman (as Sacramento Floor Co) \$506.23

Feb. 7, 1928—LOT 6, Citrus Heights Addition No. 1, Sacramento. General Supply Co, Inc vs Carl Dobbins. \$184.85

BUILDING PERMITS

FRESNO

ALTERATIONS and additions to garage, \$7800; No. 320 Porthcamp St., Fresno; owner, Fred Dodd, Premises.

DWELLING, \$2400; No. 3004 White Ave., Fresno; owner, Frank Digiaia, 3014 White Ave., Fresno; contractor, J. E. Congor, Fresno.

DWELLING, \$2000; No. 720 Geary St., Fresno; owner, John Cassidy, Prem.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Feb. 11, 1928—SW 50 FT. LOTS 27 and 28 and SW 60 ft. Lots 29 to 32 Blk O, Kingsbury. C C Kolander to Squire Cooper. Feb. 4, 1928

Feb. 11, 1928—FRESNO CITY HIGH School District, Fresno. Washington Jr. High School to Otto W Baty, concrete and cement; Tyre Bros Glass Co, glass and glazing. Feb. 9, 1928

Feb. 11, 1928—FRESNO CITY HIGH School District, Longfellow Jr. High School to Fresno Hardware Co. Feb. 9, 1928

Feb. 11, 1928—FRESNO CITY HIGH School District, John Burroughs Elementary School to Otto Baty. Feb. 9, 1928

Feb. 11, 1928—FRESNO CITY HIGH School District, Theodore Roosevelt High School to Western School Equipment Co. Feb. 9, 1928

Feb. 8, 1928—N ¾ LOT 8 VICTORIA Col. J E Saylor to whom it may concern. Feb. 6, 1928

Feb. 8, 1928—LOTS 9, 10 BLK 10, Roeding Add. Roy Andrews to whom it may concern. Feb. 7, 1928

Feb. 9, 1928—LOTS 21, 22 PRICHARD Place, W H Richmond to whom it may concern. Feb. 9, 1928

Feb. 7, 1928—75 FT. LOTS 17 TO 22 Blk 85, Fresno. L L Cory to C H Peterson. Feb. 6, 1928

SAN ANSELMO BUILDING PERMIT

(Month of January, 1928)

The following building permits were issued in San Anselmo, Marin county during the month of February, 1928:

San Francisco Presbyterian Orphan and Farm, boy's dormitory; est. cost \$30,000.

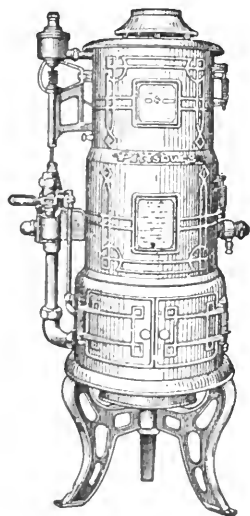
E. Frank; erect porch; lot 6, block Sunnyside tract; est. cost \$175.

San Francisco Theological Seminary; gymnasium; portion of Seminary property in block 10, Sunnyside tract, Waverly road; est. cost \$10,000.

J. E. Sward, dwelling; lot Y Reserve Bella Vista tract; est. cost \$4500.

A. C. Nicolaisen, dwelling; lot 8, block 4, Morningside Court, Meadowcroft drive; est. cost \$4000.

A. C. Nicolaisen, two dwellings; lots and 7, block 4, Morningside Court, Meadowcroft drive; est. cost \$4000 each.



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904

San Francisco



BUILDING *and* ENGINEERING NEWS

Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., FEBRUARY 25, 1928

Published Every Saturday
Twenty-eighth Year No. 8

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., FEBRUARY, 25, 1928

Twenty-eighth Year No. 8



45-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

LIME SALES IN 1927 TOTAL 4,337,000
SHORT TONS

The lime sold by producers in the United States in 1927 amounted to 4,337,000 short tons, valued at \$33,210,000, according to estimates furnished by lime manufacturers to the United States Bureau of Mines, Department of Commerce. This is a decrease of 5 per cent in quantity and 8 per cent in value as compared with sales in 1926. The sales of hydrated lime, which are included in these figures, amounted to 1,562,000 tons, valued at \$14,300,000, a decrease of 3 per cent in quantity and 6 per cent in value. The average unit value of all lime showed a decrease from \$9.11 a ton in 1926 to \$8.81 in 1927, and that of hydrated lime a decrease from \$9.45 a ton in 1926 to \$9.15 in 1927.

Conditions in the lime industry during 1927 were reported as unsettled and unsatisfactory, especially for the last six months of the year. Demand for building, chemical, and agricultural lime was irregular, and although in general it was reported as less or the same as in 1926, there were many reports of good or increased demand.

Ohio, the leading state, showed a decrease of 7 per cent in total quantity of sales and 8 per cent in sales of hydrated lime. Pennsylvania, which ranked second, showed a decrease of 2 per cent in total sales. Of the 23 states in which more than 25,000 tons were sold, only 8 showed increased sales.

Sales of lime for building in 1927 are estimated at 2,200,000 tons; for chemical uses, 1,847,000 tons; and for agriculture 290,000 tons.

Sales of deadburned dolomite for refractory use were estimated at 270,000 tons, valued at \$3,316,000, a decrease of 1 per cent in quantity.

In 1926 the Bureau of Mines estimated the value of California lime sales at \$800,089 and in 1927 at \$774,000.

LONDON ARCHITECT PRAISE AMERICAN ARCHITECTURE

America leads the world today in architecture, declared Percy W. Darbyshire, London architect, in San Francisco on a visit following to trip across the continent.

He was viewing San Francisco, skyline from his window at the Clift Hotel as he spoke. He said:

"Americans certainly have shown more originality in architecture than any other present day people. The skyscraper is an American product, and it has evolved from an ordinary boxlike building into a thing of beauty.

"The characteristic feature of architecture in this country is simplicity. But is beauty in simplicity.

"I always enjoy my visits to America because there is always something new to see here."

Darbyshire considers San Francisco one of the most beautiful cities in the world. To appreciate this beauty on a large scale, he says, one must view the skyline from the bay and survey the city from the summits of its several hills.

According to Darbyshire, there is considerable building going on in London, and most of the new buildings are constructed in American style. Among them are the now popular apartment houses and flats, he said.

"Not long ago a whole street was completely built over again," he said. "It was Regent street, recently reopened by the King."

Darbyshire is accompanied by his wife.

PACIFIC STEEL BOILER TO VOTE ON MERGER WITH U. S. RADIATOR

Terms of the proposed merger of the Pacific Steel Boiler Company with the United States Radiator Company just made public provide that stockholders of the former company will meet to ratify the terms. These provide that Pacific Company shareholders may receive \$15 a share, less a liquidation charge of 10 cents, for their holdings, or common stock and debentures of the radiator company. The amount involved is \$3,157,560. The Pacific Company will reserve a sum equivalent to 10 cents a share to meet the expenses of liquidation.

The Radiator Company will authorize \$7,000,000 of 5 per cent sinking fund debenture bonds, of which \$3,500,000 will be issued and dated February 1. Bankers will underwrite debentures of the issue not required in the merger and will sell them at about 98%. The debentures will be offered to the Pacific company's stockholders at the same price at which they will be offered to the public.

The Radiator company's common stock will be offered to the Pacific company's stockholders at \$45.876 a share. The offer contemplates payment of 56% per cent of debentures and 43% per cent of common stock in the first company for stock of the second company. Cash adjustments will be made for fractional shares or debentures.

O. T. Nelson, president of the Pacific company, said that holders of a substantial amount of Pacific company stock had agreed to the merger terms.

President Coolidge has approved of a \$6,792,000 expenditure to finance construction of new barracks, quarters, hangars and other appurtenances of the army air service throughout the country.

GEORGE GRIFFITH, ROAD BUILDER, DIES IN LOS ANGELES

George Perry Griffith, president of The Griffith Company, one of the largest paving concerns in the West, died at his home, 201 Orchard Ave., Los Angeles, Feb. 12, of bronchial pneumonia after an illness of five weeks. He was born at Erie, Pa., May 8, 1868, and at 18 entered the service of the Barber Asphalt Paving Company, for which his father was legal counsel. He was in charge of civilian reconstruction work in Cuba at the close of the Spanish-American War. In 1901 he went from Scranton, Pa., to San Francisco to become president of the Alcatraz Paving Company of the latter city. Later he was in business in Philadelphia and Tacoma, Wash. Mr. Griffith started operations in Los Angeles in 1906 as vice-president of the Fairchild-Gilmore-Wilton Company, one of the big street and road contracting firms of the Pacific Southwest. As the partners in this firm retired one by one Mr. Griffith increased his interests in the concern until the business passed entirely into his hands, his cousin, S. M. Griffith, and his son, George P. Griffith, becoming associated with him in the firm. The old firm name was continued, however, for several years, and it was not until 1923 that it was changed to The Griffith Company.

SALES TRUST ESTABLISHED IN FRANCE FOR STEEL SHAPES

A comptoir or sales trust to handle the sale and distribution of semi-finished iron and steel and structural shapes has been established in France, the assistant commercial attache at Paris, Daniel J. Reagan, reports, the Department of Commerce announces. The announcement in full text follows:

Offices for the new sales organization are to be in Paris in the same building which houses the French pig iron cartel and the machine wire comptoir.

Proposals are underway for the formation of another comptoir to handle sheets, it is reported. This comptoir would control production of all classes of sheets and ordinary soft steel products, and very probably flat billets as well.

SOCIETY OF ENGINEERS MEET

The regular meeting of the Society of Engineers was held Feb. 14 in the Palace Hotel, San Francisco.

E. G. Sheibley, civil engineer and late superintendent of Safety Division of the California Industrial Accident Commission, delivered an interesting address on "Psychology vs. Safety Engineering."

B. Chester Browne, secretary-treasurer of the California Metal & Mineral Producers Association, addressed the membership on mining conditions in California.

A feature of the meeting was the introduction by N. H. Higbie, president of the Student Body of the Oakland Polytechnic College of Engineering, of eighty new members who have joined the society within the past month.

The north fork of the Feather river will be the location of the new \$7,665,000 state highway between Oroville and Quincy, according to the recommendation of B. B. Meek, state director of public works. This unit will be the first step by the state to open up a new all-year transcontinental highway connection at the Nevada State line.

EXECUTIVE AT DEL MONTE CONVENTION

"WASTED PROFITS" - TOPIC OF STEEL

ADDRESS OF CHARLES F. ABBOTT, EXECUTIVE DIRECTOR, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, DELIVERED BEFORE THE FOURTH ANNUAL MEETING OF THE IRON, STEEL AND ALLIED INDUSTRIES OF CALIFORNIA, DEL MONTE, FEB. 18, 1928

It is estimated that industrial waste in this country is causing an annual loss of \$10,000,000,000. Of this waste, well over 50 per cent is preventable. Fully 20 per cent could be saved if industry would take the obvious steps to minimize wasteful operation, standardize products, and utilize equipment and materials to the maximum.

The appalling nature of such an indictment against American business is emphasized by the report of the Hoover Committee on Elimination of Waste in Industry. The report lays over 50 per cent of the responsibility for waste at the door of management, less than 25 per cent at the door of labor, and attributes less than 25 per cent to outside influences.

It is fortunate that this is a wealthy nation. Otherwise it would be impossible for us to bear up beneath the load. As it is, waste takes a heavy tribute from our prosperity. Although we have little to complain of so far as the volume of sales is concerned, profits are satisfactory in few lines. Within ten years after organization, seven out of ten concerns are either defunct, reorganized or absorbed. Failures during 1927 were 6 per cent above the number for the preceding year. Liabilities were 27 per cent higher than in 1926.

Steel Industry Guilty

The steel industry must plead guilty to being responsible for a considerable proportion of our annual industrial waste. Listen to what Charles M. Schwab, chairman of the board of the Bethlehem Steel Corp., and president of the American Iron and Steel Institute, has to say on this subject:

"There is one thing that we must get into our minds. We have spent vast sums in the development of our plants and the economies of operation. The Bethlehem Steel Corp. has spent \$167,000,000 in four years in the development of our plants. We have made less money than we ever made before, notwithstanding the vast savings made in that direction. We have given away in other directions all the savings that we made in this vast expenditure of capital."

In the steel industry, and in other industries, waste in methods of production is being attacked with vigor and success. It is in the field of distribution that the greatest waste prevails at the present time. We have not yet learned the importance of standardizing the product in accordance with the consumer's needs, nor do we give due consideration to the development of new uses or to those factors that influence the sale of the product at a fair profit.

Difficulties Added

What possible benefit can follow the production by the rolling mills of continuously varying designs and dimensions of structural shapes? To do so adds to the difficulties of producer, fabricator, designer, and purchaser. Real service on the part of the producer is evident when he is able to offer a product which reduces to a minimum the time and thought that must be expended by the buyer in making his purchase and using the product in the most effective manner.

Why should the public in many sections of the United States and Canada

be burdened with the cost of about 10 per cent more steel than is really necessary under modern methods of building construction? Think of the wasted capital and the interest charge on that waste—a charge that endures to all eternity. Why should the public pay for labor and material necessitated by the practice of painting surfaces in contact when such painting does more harm than good?

Can any one tell why the public should have to pay for unnecessary rivets simply because someone thinks that additional circles would make a prettier picture? or why the public should be forced to foot the bill for the unnecessary fireproofing of structural steel? Why fireproof the steel around a swimming pool where there is nothing to burn but the water? I'm not joking. That very thing has been done.

Seeks to Eliminate Waste

The American Institute of Steel Construction is now actively engaged in a campaign to eliminate the wastes which I have enumerated. Progress has been made, but much remains to be done, both

Much has been said and written about the tangible causes of waste in American industry, but the distorted mental attitudes that are responsible for wasted opportunities and wasted profits have received far less attention than they deserve. The largely with such attitudes of waste at address, printed herewith, dealing largely with such attitudes and their unfortunate effects is published complete in the belief that it will prove of interest to our readers.—EDITOR.

by the structural steel industry and the producers of steel whose cooperation is essential in any such far-reaching program. Similar wastes exist in other branches of the industry, and in some of the branches similar efforts are being made to eliminate them. Again much remains to be done.

In October, 1921, the enormous waste in distribution was called to the attention of business men and the general public by the Joint Committee on Marketing and Distribution of the Sixty-seventh Congress. The report of the committee stated that we have now reached a point where it costs more to distribute and serve than to produce.

Among the principal causes of the high cost of distribution, Secretary Hoover mentioned the following:

1. Lack of information of national stocks, of production, and of consumption.
2. Lack of standards of quality and grades.
3. Lack of uniformity of business practices in terms and documents.
4. Disorderly marketing.
5. Destructive competition.

These causes fall naturally into two separate classifications. The first four can be grouped as tangible, physical causes of waste. The remedies, too, are tangible, or physical, whichever you wish to call them. Destructive competition falls under a different heading. This is a spiritual cause of waste in the sense that it is an intangible phenomenon due to defects in mental attitudes. Here the

remedy must be largely educational.

Research has proved one of the most effective means of reducing the tangible causes back of the wholesale squandering of our opportunities for more profitable business. Profits depend largely upon continuous research. Reduced costs, improvement in quality, and new uses are among the possibilities. With no improvements in its products, no new uses as a concern or an industry is stalemated.

How much business could be obtained that is now overlooked? What could we do that we are not doing? These are questions that should be answered. Executives should be as much concerned with the undiscovered sales possibilities as with the volume of business actually being obtained.

Watch the Market!

Failure to study markets represents a tremendous loss in money and effort. A survey conducted by the New England Council developed the information that the textile producers were nine steps removed from the ultimate consumers and this at a time when the ever-changing whims and fancies of a fickle public were continually creating new style habits.

It is stated that the automobile industry now saves a thousand million dollars annually, due to standardization based on research. A dozen years ago the waste in many of the materials used in the manufacture of a car was almost as great as the amount of the material finally incorporated in the finish automobile. Much of the progress that has been made can be attributed to the campaign against waste in industry organized by the Department of Commerce.

The same department can be of great assistance to any industry, but its help should follow an organized effort within the industry. It is not the function of the department to take the lead or to exert pressure on any industry. Each industry should initiate its own program of standardization and simplification, and make its own decisions in all matters vital to its welfare.

Develop the Market

The market for steel, like other markets, must be nourished and developed. Otherwise the fertility, like the soil, becomes impaired. In business, as in agriculture, one cannot take everything out without in some degree compensating for what is taken away. A survey of the market for steel would unquestionably reveal missed opportunities for the sale of many millions of tons. Neglect of such possibilities adds millions of dollars to the wasted profit account.

Research furnished an essential part of the data required for the Standard Specification for Structural Steel for Buildings, and the Standard Specification for Fireproofing Structural Steel Buildings, formulated by committees appointed by the American Institute of Steel Construction. The first specification is effecting a saving of about 10 per cent of the amount of steel required for any steel frame building in those cities in which its use has been authorized. The fireproofing specifications reduces costs by eliminating the unnecessary dead loads demanded by obsolete fireproofing methods.

Institute Cooperates

The institute is now cooperating with the manufacturers of electric and gas welding devices in a program of research regarding the use of welding in the erection of structural steel. Tests are being conducted in the laboratories of the University of Toronto, and there is reason to believe that it may be possible to bring the costs of steel construction still lower through the use of the welding process.

It is, of course, scarcely necessary to point out that all research resulting in a reduction of cost tends to promote the wider use of the product, since it places it in a more favorable position in the struggle with competitive materials for the buyer's favor. Lower costs have the same effect as improvements in quality, or better adaptation to the consumer's preferences.

Steel Industry Hit in Bridge Field

At the present time, steel is suffering a serious displacement in the field of highway bridge construction. The public is being educated to believe that steel bridges are unsightly, expensive, and lacking in durability. In Pennsylvania it is next to impossible to erect a steel highway bridge, because those in control hold that—

There are two conditions under which steel is justified:

First: When the span and height are such as to make concrete impracticable.

Second: Where there is no way to get the additional funds required for concrete. The justification for this position is in the fact that there is no economy in a steel bridge and public funds should, if at all possible, be spent for non-perishable improvements.

It is strange that such a situation should exist in the state that is the home of the steel industry. Other states enforce restrictions favoring competition, and the number of such states is increasing.

If the public wants artistic steel bridges, why not build them? The shortest route to a sale is to overcome resistance by meeting the buyer's desires. Why should steel always be painted black or some other unattractive color? Why shouldn't the steel industry initiate research designed to provide the data for the construction of beautiful steel bridges?

Industry Expanding

As to the development of new uses for steel, steel roadbeds, steel railroad ties, and steel for residences provide promising fields for expansion. Steel-frame residences have already passed out of the experimental stage, but we have not yet even scratched the surface of the potential market.

The yearly increase in the country's population amounts to 2,242,875, or 6145 persons a day. The average number of persons in a family is 4.33; so it is necessary to provide 1419 new homes every hour. This means that 517,935 new homes are needed each year to take care of the increase in population alone. By means all families live in individual dwellings, but granting the exceptions, think what the proper cultivation of the residence market offers the steel industry in the shape of a new and steady demand for its product?

An encouraging indication that the steel industry is awakening to the necessity of studying the market is given by the recent organization of a Commercial Research Department by the Colorado Fuel and Iron Co. The future sales activities of this company will be based upon accurate information as to customers, prospective customers, market possibilities, buying influences, and economic trends. However slow they may be to act upon their knowledge, most business men can readily be brought to a realization of the value of research, particularly as it applies to standardization and its resulting economies. But as we approach the less tangible elements of modern business we find growing confusion and increasing

reluctance on the part of any individual to admit that he is in any way responsible for such unfortunate conditions as may exist.

Destructive Competition

I refer to those mental attitudes which I have already mentioned as being responsible for destructive competition. In my opinion greed, suspicion, hatred and jealousy are to blame for even greater wastes than are obsolete methods and lack of proper standardization of commodities. It is impossible to measure the amount of this waste in money, but that it represents a huge sum is indisputable.

Those who take exception to the importance of waste caused by distorted mental attitudes can satisfy their doubts by a casual inspection of the character of competition existing between individual concerns and between industries.

The mental attitude of business men in nearly all industries is in a state of demoralization. Business men seem to have lost all sense of proportion in a wild scramble to maintain volume. The idea seems to be to keep your competitor from getting any business at all. Compared with conditions before the war, this might be termed the flapper age of industry. We are controlled by the emotions of jazz.

When one stops to consider that the volume of business is as great as, or greater than, the volume in previous years, the absurdity of the present demoralization and lack of profits becomes apparent. The remedy is equally obvious. Owen B. Young, chairman of the board of the General Electric Co., has said that the solution of business problems lies in group action. Charles M. Schwab has made the statement that cordial cooperation among the various elements of the steel industry would be worth more than a billion dollars.

James A. Farrell, president of the United States Steel Corp., has always advocated a general adoption of the principle of cooperation in the place of ruinous competition, as a means of bringing about more stable conditions and better profits in the steel industry. Close and mutually helpful relations between the producing mills and their intermediate industries constitute an essential step in achieving such cooperation.

The mills have a well defined responsibility in the movement of their products to the ultimate consumer. Intermediate industries, otherwise designated as distributors, are in most instances essential to efficient distribution. Public interest demands service based upon the most economical system of distribution, and responsible for such service rests equally upon producer and distributor. It continues until the public's requirements have been adequately met.

Lack of Cooperation

Structural steel, steel pipe, tanks, boilers and other steel products have suffered a drastic shrinkage in their markets, due largely to lack of cooperation in the past between the producing mills and the distributing industries. I believe, however, that this deplorable state of affairs is destined to show marked improvement in the not far distant future.

Some months ago a committee of the board of directors of the American Institute of Steel Construction met to consider what might be done to improve relations between the mills and the fabricators. It was recognized that the present unsatisfactory relationship has been firmly established for many years and that time will be required to change it. The committee prepared the following list of principles which, it was felt, provide the proper basis for a constructive move in the desired direction.

1. The relations between the mills and the fabricators should be cordial and cooperative.
2. The mills should definitely recognize the fabricators as the logical distributors with certain limitations which

could be mutually agreed upon; and the fabricators should be protected in that capacity.

3. Mills and fabricators should join in constructive efforts to promote the use of structural steel by extending the markets therefor, as well as in other ways.
4. The fabricating units of the mills should be operated under a policy of encouragement to legitimate fabricators in their efforts to sell structural steel.
5. Mills should cease the practice of using either brokers or small fabricators as a means of selling fabricated steel to be gotten out by the mill interests themselves.
6. It should be conceded that the public interests will be better served if certain classes of work are handled by fabricators only; the nature and size of such work can be easily defined.
7. On all other work prices made by mill interests should be fairly determined, having in mind the conditions under which the fabricator competitor must buy his steel and operate his plant, and such prices should include a reasonable profit.

Cooperation Shows Desire

These principles were submitted to the leading rolling mills. Since their submission, there have been a number of instances of cooperation which give tangible evidence of a sincere desire on the part of the leaders of the mill interests to work in harmony with the members of the fabricating industry. Only a beginning has been made. The principles are not yet being applied on anything like a national scale. Nevertheless, enough has been accomplished to lead the fabricating industry to hope for a growing degree of cooperation on the part of the mills.

Somewhat similar principles could advantageously be applied to improve the relations between the producers and practically all the distributing elements of the steel industry. Here we find definite opportunity to conserve profits that are now being dissipated because of the uncertainties that always prevail when a close cooperative relationship between producer and distributor is not established on a basis of fairness to both of the parties concerned.

Salesmanship based upon a greedy determination to secure all the business in sight, I would put as a second principal cause of the present day demoralization of the business man's mental attitude—in our industry and in other industries. The fundamental principles of salesmanship, of proper pricing, of costs and profits, are cast overboard as hysteria is substituted for sound judgment.

Under present day conditions, the most important phase of business—the most important phase of life, for that matter—is selling. Every successful business man is first of all a salesman; every farmer, every lawyer, every doctor. There are doctors with profound medical knowledge who make a bare living. There are others with far less knowledge who are making \$50,000 a year because they know how to hold a spoiled woman's wrist sympathetically and tell her that her husband does not understand her temperament.

Selling Policies

In pointing out that in many instances our selling policies are unsound and destructive, I am more than ready to acknowledge that the sales department is faced with a difficult task. To the total cost of the product the sales department is expected to add a reasonable profit and then transfer the merchandise to the buyer on terms and at prices previously determined.

Even then the task is not completed. The function of the sales department is not fulfilled until the merchandise has passed through the hands of the wholesaler and retailer into the hands of the ultimate consumer, and is placed in satisfactory service. This is the only process that completes a sale. Merchandise in the hands of the wholesaler or retailer is not sold. So long as it remains

in their hands it is simply plugging up the channels of distribution.

We must also bear in mind that if the merchandise is sold solely on the basis of price the term "sales department" is a misnomer. "Order-taking department" would be nearer the truth. To offer price inducements as a means of concluding the sale is to write the whole story on a price tag and even a messenger boy can then repeat it.

Real salesmanship begins when selling prices have been established on a basis of total cost plus a reasonable profit, and when the sale is completed without concessions affecting either terms or prices. The difficult part of salesmanship is not in selling to people who have already made up their minds to buy at the price quoted, but in selling to those who either do not want to buy, or who are not willing to pay what has been determined upon as a fair price.

Hardwork and Persistence

If all sales executives and all salesmen were as hard-working and persistent as the ordinary newsboy we would have far more justification for the assertion often made that we are the greatest commercial nation in all history. Both hard work and persistence, however, are likely to do more harm than good unless activities are controlled by sound policies.

Study the selling policies of the automobile industry and you will find them well standardized. The prices and terms established by each company are the same to all, and there are no secret concessions. The buyer has confidence in the automobile industry because he knows that when he is ready to buy he can make his purchase without feeling that haggling with the salesman might have resulted in better terms.

Compare these policies with those of an industry where there is no such standardization. Each seller's offer differs greatly as to terms and prices for the same article. Imagine the state of mind of the buyer, his confusion and lack of confidence, his inability to find a dependable basis for a comparison of values.

There is no essential difference between the sale of an automobile, structural steel, a toothpick, or an aeroplane. The names differ, but the principles are the same. But in one instance public interest is protected and confidence is sustained. In other, public welfare is disregarded, confidence is displaced by uncertainty, and waste exacts a penalty that in the end the public must pay.

In a number of our key industries there is actually severe trade depression due largely to methods that have obliterated all semblance of salesmanship. If the tendency in this direction continues at its present rate it threatens to develop into trade prostration of the worst kind. In my opinion, the best hope of checking this trend lies in convincing our executives that volume is not the sole aim of business.

Fair Volume—Fair Profit

We must learn that fair volume coupled with fair profit is far more desirable than maximum volume coupled with minimum or no profit at all. We must learn that a million times nothing is still nothing.

Price-cutting is a direct result of unreasonable greed for business, and rancorous, cut-throat competition is a direct result of price-cutting. J. H. McLaurin, president of the Wholesale Grocers' Association, has this to say about the effects of price cutting:

"Some man 'cuts the price,' another man 'gets mad' and immediately draws his gun (figuratively speaking) and shoots. Business ethics are murdered, the lifeblood of his own business (and that of others) is wasted, riot and demoralization in trade ensue, and mob ethics prevail. Some one got mad! So mad, indeed, that he stamped on his own toes, dug his nails into his own flesh, struck his own head against the wall, rushed to the safe and scattered all the money in sight to the four winds. Getting 'mad' (losing one's temper, fly-

ing into a rage) is perhaps not unnatural for a child, but surely it has no place in the business of a grown man—the business for the success of which he is responsible."

A man becomes dignified by the term salesmen when he demonstrates his ability to enter a territory and obtain business without deviating from the terms and prices defined by his employer. The man or the organization with more than one price up the sleeve is soon branded as a trader whose every statement must be taken with a grain of salt. Men and organizations are relegated to the ranks of failure when they begin to cut prices and promise concessions.

It takes salesmanship to sell a shrewd and doubtful customer, but it takes an even higher degree of salesmanship to know when to let go rather than meet his terms. To look a big order in the face and say "No" is the mark of a master salesman.

Absence of approved selling methods in the steel industry has brought customers to the point where they regard price as the most important, if not the only consideration in the purchase of steel products. The falsity of this conception is apparent to all of us, but if it is to be dissipated we must give salesmanship the same consideration we give the other elements of our business.

Salesman Without a Price

Not long ago a representative of a large steel company called on a prominent customer in an attempt to obtain an order. He told his story and the buyer asked his price. He hemmed and hawed. "Well," he finally said, "if you have some particular job you are estimating give me a ring and we'll see what we can do." The buyer doesn't know the price today. Would you call a man without a price a salesman?

How often do we hear of a seller so anxious to take business from his competitor that a little clever jockeying on the part of the buyer will induce him to cut his bid, although his price is already low, entitling him to the order? A cut of \$10 a ton, or more, on structural steel, in spite of the fact that the original price submitted was the lowest received, is not an uncommon incident. The extreme stupidity of it all makes all the more disheartening the terrific drain it imposes upon our prosperity.

Price-cutting is the most vicious practice ever introduced into business. Wherever it exists profits are thrown away. It is purely a case of out-guessing competition with the price trend always downward. Failure to maintain the one-price policy leads to a deep pit, the bottom of which no organization has ever reached alive.

Furthermore, the practice is directly contrary to the interests of the buyer. While the law of supply and demand operates it is economically sound for the buyer to try to get the best possible price, but to drive the bargain below the line of fair profit, good quality, and proper service, is poor business in the long run. Substitutions, inferior quality, and inadequate service logically follow. The buyer suffers, and pays in the end a price much greater than one based upon cost plus a fair profit.

Fair Dealing

The secretary of the National Association of Purchasing Agents is quoted as saying that a tendency to subscribe to a broader policy—to a standard of fair dealing and fair prices for all—is undoubtedly representative of the new attitude that is being taken by buyers in many lines. He adds that he feels certain such a policy is a wise one.

L. F. Boffey, editor of The Purchasing Agent, has written me a letter in which he says:

"Every purchasing agent worthy of his title will support a movement to eliminate price haggling in industry. . . . The salesman who changes his quotation admits that his original figure was too high, and the purchasing agent is chary of dealing with him because he can fly into a rage) is perhaps not unnat-

never be sure that the last figure upon is the rock-bottom price. . . . The buyer is concerned with price, of course, but wants to pay a reasonable profit, and more than a reasonable profit, to a source of supply."

The growth of any such movement gradually do away with a form of economic warfare which, while it lasts, is any warfare, is accompanied by economic loss.

The era of narrow, selfish individualism is passing. We are entering upon a new era of cooperation and cordial understanding between buyer and seller, producer and distributor, and the individual units of our industries. Only such foundation can a sound economic structure be erected. Individuals and organizations alike are learning that twisted mental attitudes produce friction, heat and violence, and the resulting destructive competition threatens the welfare of an entire community.

External competition is forcing a new conception of business upon the steel industry. So much has been said and written about the competition between industries that it is unnecessary for us to dwell upon it at any length. You know that every industry is fighting for a share of the consumer's dollar. Steel, concrete, radios, phonographs, pianos, automobiles, oil, coal—all are engaged in life and death struggle.

Cooperation Urged

Cooperation between all the elements of an industry is becoming the price of survival. The trade associations formed by various branches of the steel industry are doing effective work in warding off the encroachments of other industries, in developing new markets and in proving the standards of competition between their members. But the steel industry has not yet gone far enough.

The members of the industry, even those that belong to its trade associations, are too much in the habit of asking, "What has the trade association done for me?" They too seldom ask, "What have I ever done for the trade association?" They forget that an industrial organization is beneficial only in proportion to the extent to which its members, as individuals, go actively and intelligently to work to benefit themselves and their industry.

Further, the steel industry is in need of intelligent, aggressive cooperation on a wider scope than is represented by any of its trade organizations now in existence. In view of the competition for the consumer's dollar, it is to the interest of every man in the steel industry to support the fight for steel. We must begin to sell the outstanding qualities of steel as a material before we try to sell steel in the form of a particular product or a particular order for that product.

The industrial battle line is far from well organized. Against such forces individual's efforts are wasted. Even the organization representing an entire branch of our industry frequently finds itself fighting against desperate odds. What we need is an organization that will represent the whole industry—a substitute of Steel.

An institute of this nature, properly financed and supported by the product mills and all the intermediate industries, would have the following as its objectives:

1. Standardization and simplification.
2. Better business methods.
3. Better competitive conditions within the industry.
4. Protection of the industry against the encroachments of competing industries.
5. Broader markets and better profit for all steel products.

Such an institute would be in a position to cope successfully with the tangible and spiritual causes of waste that are adversely affecting the steel industry today. Here, gentlemen, is an eminent, practicable way to realize that degree of cooperation whose value Mr. Schwab has placed at a billion dollars.

KOSTER IS RE-ELECTED PRESIDENT OF STEEL INDUSTRIES - COMMITTEES NAMED

Federick J. Koster of San Francisco was unanimously re-elected chairman of the Iron, Steel and Allied Industries of California, at the closing business session of the convention at Hotel Del Monte, Feb. 18. Koster is president of the California Barrel Company.

Walter Taylor, vice president of the Laclede Iron Works, was elected vice chairman from Los Angeles. Edward L. Sol, president Soule Steel Company, was named vice-chairman from San Francisco.

Formation of a western states iron and steel institute is expected to result from the Del Monte meeting. A resolution was adopted calling for a committee to investigate this project and to represent California at the Northwestern Iron and Steel Conference in Tacoma, February 27.

The following objectives for the coming year were adopted: Centralized leadership, standard specifications and practices, uniform building code, support of California payrolls, extensions of marketing territory in western states and publicity.

Principal addresses at the sessions were by John B. Leonard, American Society of Civil Engineers, San Francisco, on "The New Uniform Building Code and Its Relation to the Iron and Steel Industry of California"; Frank C. Mortimer, vice-president Citizens National Bank, Los Angeles, on "Steel Points the Way" and Charles F. Abbott, executive director, American Institute of Steel Construction, New York, on "Wasted Profits."

Members of Committees

The following Northern California committee appointments were announced:

Manufacturers—H. W. Forge, chairman, California Corrugated Culvert Co., Berkeley; R. M. Alvord, General Electric Company, San Francisco; G. A. Bahler, Caterpillar Tractor Company, San Leandro; R. A. Folsom, W. R. Ames Company, San Francisco; H. P. Phillips, Link Belt, Meese & Gottfried Company, San Francisco.

Structural Steel—H. Mortensen, chairman, McClintic-Marshall Company, San Francisco; P. F. Gillespie, Judson Pacific Company, San Francisco; S. S. Herrick, Herrick Iron Works, Oakland; Charles E. Spencer, California Steel Company, San Francisco; H. Morris, Western Iron Works, San Francisco; Merchant Steel, F. J. Bruzzone, chairman, Baker, Hamilton & Pacific Co., San Francisco; H. D. Simon, Fourcar Ray & Simon, San Francisco; Ray Sanford, A. M. Castle & Co., San Francisco; C. H. Merrill, Holbrook, Merrill & Stetson, San Francisco; Fay F. Thomson, Thomson-Diggs Company, Sacramento.

Foundries—George A. Gunn, chairman, Best Steel Casting Company, San Francisco; C. E. Williams, Columbia Steel Corporation, San Francisco; Dave Guild, Phoenix Iron Works, Oakland; C. M. Henderson, McAulay Foundry Company, Berkeley; A. D. Scoville, Pacific Coast Foundrymen's Association, San Francisco.

Steel Mills—S. S. Lawrence, chairman, Columbia Steel Corporation, San Francisco; E. S. Houdlette, Pacific Coast Steel Company, San Francisco.

otherwise deter them from exercising their best talents, the architect, general contractor and owner are pursuing a policy that is costly to all.

In good faith the sub-contractors carefully goes over the architect's plans. In good faith he submits his bid, hoping to secure the award and perform a creditable job, one that he can point to with pardonable pride. What happens? All too often these days, he and one or two others are called in and told that plans have been revised, their prices are too high and that they must again go into competition to determine which can shave his bid the most and, unfortunately, his work the most. The landing of the contract has become a dollar and cent proposition. The reputation of the one bidder for thorough, careful work is frequently not given sufficient consideration and the "sharpshooter" placed on an equal footing. The one has a desire to use his unquestioned talent in producing a thorough, workmanlike job, and the other, having nothing in mind but profit, has the leverage in his favor with respect to prospects for landing the contract.

American building practices will benefit when the work of the sub-contractor is given more consideration. Those specialists in the sub-contracting field have ideas of their own. Those who design and plan buildings will do well to place the sub-contractor on a higher level than that of a day laborer, as too many architects have been inclined to do in the past.

The good workman is always worthy of his hire.—Seattle Journal of Commerce.

SUB-CONTRACTORS ON REDDING HIGH SCHOOL SUED

The Sterling Lumber Co. and the Diamond Match Co. have filed suits against the C. L. Wold Co., Harry W. Jensen, the Shasta Union High School District and others to recover for materials furnished during the construction of the new Redding high school.

Both companies furnished Jensen, a sub-contractor under the Wold Company, with building materials, and neither have been reimbursed. Both have filed notice with the high school board to withhold payment by material men, and the money is being held by the high school board.

The Diamond Match Co. is seeking payment for materials worth \$2096.11. The amount sought by the Sterling Lumber Co. is \$1150.78.

RECOGNITION DUE SUB-CONTRACTOR - PLACE HIM ON HIGHER LEVEL IS AIM

The general contractors of American need a necessary link in the chain of progress that pulls American construction forward. Much has been said of the general building contractor—perhaps not enough, but a good deal. The public is familiar with his work. Our people are impressed with its importance, but without the remarkable efficiency of the

sub-contractor the building progress of our country would be seriously hampered. It is entirely proper to refer to the progressive sub-contractor as a specialist, one who has thoroughly mastered his trade. And the particular point we would make is that because of the growing tendency to compel sub-contractors to cut their bids, to rush their work and

CURRENT BUILDING TRADES WAGE RATES PER HOUR

(REPRINT FROM ENGINEERING NEWS-RECORD, NEW YORK)

(Higher rates than a month ago indicated by +, decreases by —)

Cities	Bricklayers	Carpenters	Hoisting Engineers	Hod Carriers	Pile Drivers	Struc. Iron Workers	Common Labor
Atlanta	\$1.40	\$0.70	\$0.70	\$0.50		\$0.75	\$.25 @ .30
Baltimore	1.62½	1.00 @ 1.10	1.00 @ 1.37½	1.00	\$0.65	—1.00 @ 1.25	.35
Birmingham	1.00 @ 1.50	1.05	1.00	.50 @ .75		1.75	.25 @ .40
Boston	1.40	1.25	1.25	.79	1.15	1.25	.45 @ .74
Cincinnati	1.50	1.37½	1.37½	.97½	1.37½	1.77½	.45 @ .60
Chicago	1.62½	1.50	1.00 @ 1.50	.90 @ .96½	1.50	1.50	.90
Cleveland	1.62½	1.37½	1.37½	.87½	1.10	1.50	.87½
Dallas	1.62½	1.12½	1.00	.40 @ .75	1.00	1.25	.30 @ .50
Denver	1.50 @ 1.62½	1.25	1.25 @ 1.37½	.87½ @ 1.00		1.25	.31½ @ .50
Detroit	1.56½	1.00 @ 1.25	1.00 @ 1.10	.90	1.00 @ 1.10	1.00 @ 1.25	.50 @ .60
Kansas City	1.50	1.25	1.25	.90	1.25	1.25	.35 @ .75
Los Angeles	1.37½	1.00	1.00	.81½	1.12½	1.00	.50
Minneapolis	1.25	.87½ @ .95	.87½	.75		1.00	.45 @ .60
Montreal	—1.12	.75	.75	.45	.50	— .75	.30 @ .35
New Orleans	1.50	.90	1.25	.75	.80 @ 1.00	1.25	.30 @ .40
New York	1.75	1.50	1.75	1.12½	1.00 @ 1.12½	1.75	.90%
Philadelphia	1.62½	1.12½ @ 1.25	1.02½	.70 @ 1.12½	1.00	1.37½ @ 1.50	.45 @ .50
Pittsburgh	1.70	1.50	1.37½ @ 1.50	1.12½		1.50	.50 @ .80
St. Louis	1.75	1.50	1.50 @ 1.65	1.15 @ 1.25	1.25	1.50	.45 .75
San Francisco	1.37½	1.12½	1.00 @ 1.12½	1.00	—1.00 @ 1.12½	—1.12½ @ 1.25	.50 @ .60
Seattle	1.37½	1.12½	1.00 @ 1.12½	1.00	1.00 @ 1.12½	1.12½ @ 1.25	.62½ @ .70

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

According to S. W. Straus & Company, the five-day week for the building trades has loomed as a major problem in the building industry, prospectively, throughout the country, and in two cities, Chicago and St. Louis, as a definite working policy. Opposition has been encountered in contractors' circles. What the economic and political effects of this move may mean are as yet undetermined. Plans to introduce the five-day week as a working policy, as advocated by the recent American Federation of Labor convention on the Pacific Coast, were announced late in January by the Carpenters District Council of St. Louis. The St. Louis carpenters will bring about a five-day week program by all the St. Louis building trades. In Chicago the building industry has already started experiments in the short week plan. The plasterers union has negotiated a contract on a three months' trial of the plan; lathers are also negotiating for the plan. Delegates representing 20,000 Chicago painters have already taken action favoring the five-day week. Although 1200 plumbers have voted against the plan it has been announced that 150,000 members of the Chicago Building Trades Council look with favor upon the proposal. The situation throughout the building crafts generally is tranquil and wage scales generally are stabilized. In keeping with the prospect of increased activities, the basic building materials during January strengthened their market position and caused the various building cost indexes to rise about 1%. Especially firm was the structural steel market. Buying for railways, subways, implements and large buildings was active and prices of bars, plates and shapes rose from 1.80c to 1.85c Pittsburgh base. Common brick and Portland cement held their own, although small declines in cement were reported in a few localities. Progress has been made in the adjustment of lumber production to demand and the effect upon prices for most items is already noticeable.

A merger of the West Coast Lumber Trade Extension Bureau and the West Coast Lumbermen's Association was approved in Seattle February 17, with only one dissenting vote, by the 150 Pacific northwest lumbermen whom the association represents. The new organization, to begin functioning within the year, is to be known as the West Coast Lumbermen's Association and will represent a total annual lumber cuttage of more than five billion feet. It is expected that many of the 119 independent lumbermen in the region will join the combined bureaus in an attempt to systematize and advertise the industry. Colonel W. B. Greely, chief forester of the United States, is to assume the post of secretary-manager of the new association. Robert Allen, secretary-manager of the old association for ten years, tendered his resignation.

Four million years ago magnolia, sycamore and chestnut trees flourished in the Yosemite Valley, in the opinion of H. L. Mason, associate in phenogamist botany in the University of California. The blasting away of a ledge to widen the park's loop road between Mammoth Hot Springs and Camp Roosevelt has revealed tons of rocks bearing the fossil imprint of leaves and twigs of these species. Professor Mason believes the material of which this rock was formed accumulated about 4,000,000 years ago during a volcanic eruption that destroyed the trees and buried the leaves. From the abundance of chestnut leaves it appears that the chestnut was one of the most common trees in this pre-historic forest. The redwood also is known to have lived in Yosemite Valley.

The Belgian Embassy, in a statement at Washington, D. C., declared the amount of cement imported into the United States from Belgium and other foreign countries was too small to jeopardize the industry in this country. The statement was issued, it was said, in response to recently published charges that the American cement industry was being threatened by foreign importation, and it pointed out that cement imported by the United States in 1927 amounted to less than 1½ per cent of that produced in this country. The United States, it was added, exported about the same quantity as it imported.

The California Building-Loan League believes that more than 1,000,000 homes should be built annually in the United States to meet natural requirements and to offset destructive elements. The league bases its estimate on the following: 1. There are more than 1,200,000 marriages each year in the United States. 2. A definite number of homes is deteriorated each year by time and the elements. 3. Many are destroyed by fire. 4. Houses are destroyed by increased demands of railroads, utilities, industrial and mercantile needs. 5. Better living conditions are demanded by the American wage earner.

Adoption by the federal government of the Columbia river basin irrigation project, one of the largest reclamation developments in the world, is recommended by the senate irrigation committee in favorably reporting the Jones-Dill bill. Cost of constructing the project, which embraces 3,000,000 acres of land in southwestern Washington, is placed at \$300,000,000. A total of 1,883,000 acres would be irrigated and made into valuable farm lands and the remaining 1117 acres would be used as grazing lands.

Plaster inspectors of San Diego, recently interviewed by E. E. Dowe of the western division of the National Lumber Manufacturers Association, state that plastered walls with lime and sand plaster are coming back in style and that there will be an increased demand for wood lath. The inspectors told Dowe that they allow no pitch pockets which go through the lath to the accepted. They are educating lathers to place the side of the lath which contains a pitch streak or pocket which does not go through the lath, to the stud side of the wall.

Details now available regarding the pulp and paper mills to be erected by the Zellerbach corporation near Ketchikan, Alaska, indicates that the plant will be of huge proportions. It will call for an investment of \$10,000,000 or more, of 400-ton ultimate daily capacity and 200-ton initial capacity, and require development of logging operations and waterpower. Engineers and timber cruisers are due to leave Portland in April for preliminary surveys. The plant will be completed and in operation in 1932.

The Phipps bill authorizing an appropriation of \$75,000,000 for State aid road construction in each of the years 1930 and 1931 was ordered favorably reported by the Senate Post Office Committee, according to word from Washington.

Los Angeles Board of Education proposed to hold election June 5 to bonds of \$29,400,000 to finance erection of new schools; \$12,000,000 to be allocated to city school district and \$16,400,000 to city high school district.

City trustees of Newman have passed to first reading a building ordinance designed for cities of the sixth class. The ordinance is designed to meet the requirements of the underwriters and the same time will not be prohibitive to building operations.

Following the example of the steel industry in west Germany, that of Upper Silesia has begun producing small houses. Four-family, six-family small houses are furnished, in five different styles. They can be erected in 24 days.

The board of advisory engineers of Power Transmission Association, at first annual meeting held in New York recommended the promotion of standardization and simplification of equipment and practices, as a step toward elimination of avoidable waste in industry.

Plans to again adopt an ordinance to prevent the use of wooden shingles roofing in the congested sections of city have been started in Berkeley. Preventionists, supported by a number of citizens and officials, are now preparing a new ordinance which will be presented to the city council in the near future.

Utah Construction Co. of San Francisco at approximately \$2,451,000, has been awarded a contract by the Southern Pacific Railroad to relocate tracks between Globe and Bodie, Arizona, made necessary by the construction of the Coolidge Dam over the Gila river at San Carlos. The new line will be approximately 10 miles in length.

The Massachusetts State Association of Master Plumbers, Inc., recently held an institute on heating and plumbing with the cooperation of the Massachusetts Sanitary Club, and the Massachusetts Institute of Technology. This was the second such conference to be held by the master plumbers of the state, the one last year having a registration of 476.

Requests for addresses to be made by Winfield Scott, public relations representative of the western division of the National Lumber Manufacturers Association, are coming in rapidly from service clubs, women's organizations at schools, according to the San Francisco office. Scott will make a speaking tour of Northern California between March 15 and April 15, and has already obtained many speaking dates for talk on reforestation. He will be available as a speaker for California forestry programs during the week April 22 to 29.

Resolutions of intention to award a bridge franchise to T. A. Tomasini of Larkspur, with certain modifications, have been passed by the Alameda County Supervisors. The proposed bridge will cost \$18,750,000 and will take about three and one-half years to construct. Erle L. Obe, San Francisco consulting engineer, is drafting plans to meet the recommended modifications.

Otto Linde has purchased a half interest in the Electric Equipment Company of Lodi. He will be associated with W. I. Le.

Application has been filed with the State Department of Public Works, Division of Water Rights by Malcolm B. Woods of Los Angeles, seeking to divert 10 cubic feet of water per second from Coyote Creek in San Diego County for power development. Plans contemplate the construction of a concrete dam 500 ft high. The total cost of the entire project is estimated at \$6,000,000.

Substituting the trowel and mortar for the rolling-pin and cook book, 45 women in Liverpool, England, are engaged in the trade of bricklaying and building. It is announced by the U. S. Department of Commerce. The women are said to be as efficient at their unusual task as are the masculine bricklayers.

January exports from the U. S. were \$11,000,000 and imports were \$333,000,000, leaving a favorable trade balance for the month of \$73,000,000. The figures, as announced by the U. S. Department of Commerce, indicate a slight decline in the foreign trade totals for the year as compared with last year.

Bids for construction to be undertaken by the State Department of Public Works will henceforth be opened on Wednesdays, according to B. B. Meek, state director of public works. The uniform opening day was changed from Monday in order to avoid conflict with the opening of bids for city and county projects. Also, the contractors claimed to be, it often was difficult to make banking arrangements at the end of the week in preparation for Monday.

Six new labor disputes were brought before the Department of Labor for settlement during the week ended February 11. At the close of the week there were a total of 44 strikes before the Department for settlement and, in addition, 14 controversies which had not yet reached the strike stage. Three adjustments of labor disputes were reported during the week. Among those included was that of the Eagle Construction Co. and Volunteer Portland Cement Plant of Knoxville, Tenn., when twelve steel workers asked an increase of 20 cents an hour.

The appeal of the Navarro Lumber Co. of San Francisco from the additional assessment of \$53,000 for income and profits tax made by the Commissioner of Internal Revenue for the years 1919 and 1920 was decided adversely by the United States Board of Tax Appeals. The corporation was dissolved in 1922. Prior to this dissolution it had a mill at Navarro, Cal., in Mendocino county with headquarters in San Francisco.

In order to better serve the architects of the country, a Chicago concern has organized a service that places the architects in direct touch with the information they need in their work. Believing that the architects should know more about Simplified Practice, this company is listing the completed simplified practice recommendations in their current catalog bulletins, together with a preface regarding the simplification movement.

TRADE NOTES

J. D. Murphy will operate from 2359 Harrison street, San Francisco, under the firm name of Standard Building Materials Co.

E. Royce and E. C. Bonin will operate from 656 East Fourteenth street, Oakland, under the firm name of Service Plumbers.

Pacific Coast offices of the Celotex Company, formerly located in the Sharon Bldg., San Francisco, have been moved to 714-715 Architects' Building, Los Angeles.

Bechtel-Kaiser Rock Co. of San Francisco, capitalized for \$500,000, has been incorporated. Directors are: K. K. Bechtel, T. M. Price, S. McWhorter, Paul S. Marrin and G. G. Sherwood, all of Oakland.

Triangle Builders, Inc., capitalized for \$25,000, has been incorporated with the principal place of business in San Francisco. Directors are: A. H. Fernell, A. Calderwood, E. Emig, C. P. Jacoby and M. A. Nathan.

Dickey Kelvinator Sales Co. of San Francisco, capitalized for \$150,000, has filed articles of incorporation in Oakland. Directors are: Roland C. Foerster, H. A. Judy, C. C. Kreis, Wm. L. Holloway and F. C. Hutchens.

According to word from Montreal, Que., the president of the U. S. Steel Corp., is given as authority for the announcement that the corporation will locate in Canada and erect branch factories for the Canadian market and for export.

Jas. Rose has purchased the business of the Hayward Building Material Co., Jackson and Atherton streets, Hayward. The business was formerly owned by Roscoe Byrnes, who will engage in a similar line of business in the San Mateo section.

Another reduction in freight rates that will give an important Oakland industry an advantage over competitors in other sections, has been secured from the railroads. A reduced rate of 43½ cents per 100 pounds on wire cloth, iron or steel, from Paesteel, an industrial section of Oakland, to Portland, Oregon, has been put into effect by the Southern Pacific Company.

The American Electric Switch Corporation, Minerva, Ohio, announces acquisition of the Nyelec Switchboard Company, 422 E. 53rd St., New York, N. Y. The Nyelec Switchboard Company will retain their New York office, factory and personnel and will operate at the Nyelec Division of the American Electric Switch Corporation. The sales for the present will be handled by the American Electric Switch Corporation sales organization.

Petition seeking dissolution of the Tilden-Eakle Lumber Co. of Richmond has been filed with the county clerk at Martinez. Capital of the corporation is set at \$50,000 with E. M. Tilden as president and J. L. Eakle, secretary. Directors of the corporation are E. M. Tilden, J. L. Eakle and Margaret Jane Tilden. The petition asks the court to direct distribution of the assets. The company has been idle for some time and has been succeeded by the Tilden Lumber Co.

ALONG THE LINE

C. O. Clausen, architect and A. D. Disston, contractor, have been named members of the San Francisco Advisory Board of Reappraisal, succeeding Philip Paschal and Paul Sinsheimer, resigned.

Sustaining a paralytic stroke, George C. Abernethy, prominent Pacific Coast lumberman, died suddenly at Port Haney, B. C., Feb. 15.

J. C. Oglesby, town engineer of Mill Valley, has submitted his resignation to the town trustees, who have taken the resignation under advisement.

George F. Barber, veteran Los Angeles contractor and president of the Building Industries Clearing House Association and also of the Master Builders' Association, died in Los Angeles, Feb. 13. Mr. Barber was 55 years old and was for 23 years a contractor in the southern section of the state. He was formerly president of the Barber-Bradley Construction Company.

HERE — THERE — EVERYWHERE

C. M. Morehead succeeds E. W. Shaw as secretary-manager of the Builders' Exchange of Alameda County.

L. S. Patterson, secretary of the Sacramento Builders' Exchange, was a recent visitor on the floor of the San Francisco Builders' Exchange.

Sacramento Chapter, American Association of Engineers, held the annual dinner-dance in Florentine Room of the Hotel Senator February 16. George McCormick, assistant division engineer for the Southern Pacific Co., was in charge of the affair.

Los Angeles has commenced the work of a general revision of its building code with the view of bringing it up to date and arranging the material in more logical order. C. V. Welch, Chief of the Division of Buildings, Department of Building and Safety, has been appointed by the Board of Building and Safety to supervise this work.

The 33rd annual banquet of the San Jose Builders' Exchange was held at the Travatore Inn, San Jose, February 18. No business was transacted. About 100 were present, including members of the Exchange, architects and visitors.

T. M. Sanford, president, and E. W. Shaw, secretary of the State Builders' Exchange, were honored visitors. William Herman acted as toastmaster.

Formal steps for organization of the Fresno Engineers' Club were taken when members of the Fresno Chapter, American Association of Engineers, under temporary chairmanship of Harold K. Fox, discussed by-laws and constitution and decided to elect new officers. Reasons for the club as distinctive from the chapter are outlined in a statement by President Chris P. Jensen in which he states that lack of co-operation from the national organization and consequent resignation of J. M. Buswell of Fresno, national director, because of this discouraging attitude, brought about local action.

MARBLE, LIME AND LIMESTONE LEAD IN TUOLUMNE MINERAL PRODUCTION

Field work for a new report on the mineral resources of Tuolumne County shows that marble quarrying and the lime and limestone business are the most active branches of mining in that section at present, according to C. A. Logan, mining engineer of the State Division of Mines and Mining.

The Columbia Marble Co., near Columbia, has been working lately on an order for marble for the new state library and courts building at Sacramento. The Columbia marble is stronger and more durable than stone shipped into the state from outside quarries, and this quarry has been steadily operated for many years. The principal product is a handsome white stone with blue veining, although other shades have been produced, including Portola marble, a buff stone with red veining.

In quarrying, blocks of marble 16 feet by 50 feet by 12 feet are cut by the channeling machines. Then rows of holes are drilled horizontally along the bottoms of the blocks, which are broken out by wedges and feathers. These large blocks are split into blocks weighing about seven tons each, which are loaded by an electrically operated derrick and hoisted up the inclined track to the saws.

There are eight gangsaws, some with 25 saws each, set to saw the blocks into

slabs an inch and a quarter thick. These saws use steel balls and sand, and saw at the rate of one-fourth inch an hour. The edges of the slabs are trimmed with an air chisel, then go to the rubbing bed, a cast iron disc twelve feet in diameter and four inches thick, which revolves 45 to 50 times a minute. Sand and water are used on this to rub the marble, the resulting finish being enough for steps and flooring. Thirty to forty men are employed. Marble is hauled to the railroad in trucks and tractors.

The Pacific Lime & Plaster Co. operates the largest lime plant in Superior California at their property one mile south of Sonora. The limestone is of very high grade, with little magnesia and little more than traces of silica, alumina and iron oxide. Three mines are being worked through tunnels. Ten lime kilns out of a total of thirteen are in use. The limestone is burned for 48 hours, and a maximum temperature of 2400 degrees Fahrenheit is reached.

The larger part of the product is marketed as lump and ground lime. Lime hydrate for plaster is made in several grades. Crushed lime is produced principally for export, going to many Pacific Coast and island ports. Farmers, mine cyanide plants and others also use the products of this plant. Eighty men are employed.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Archimedes J. Novelli of San Francisco. Adjustable Volume Aggremeter. An object of this invention is a meter which measures volume of pulverized, granular or broken material such as cement, sand and broken stone utilized in making concrete.

Edwin P. Bly of San Francisco. Pneumatic Pipe Cleaning Machine. This provides simple means for holding and controlling a working device, such as chipping device, to enable it to be pressed by power against the work and to enable it to be withdrawn and controlled in its operation at will. Mr. Bly assigns his patent to Standard Oil Co. of California.

William R. Ray of San Francisco. Automatic Oil Feeding and Regulating Valve. This invention relates to an automatic oil feeding and regulating valve for oil burners of the atomizing type.

Elroy L. Payne, Los Angeles. Electric Gas Igniting Device. This invention relates to electrical ignition means for gas burners whereby the operation of opening the gas valve causes an electric spark to be produced adjacent the point at which the gas issues from the burner, so as to ignite same. Mr. Payne assigns his patent to Payne Furnace Supply Co.

Joseph F. Richardson of Oakland. Wire Crimping Machine. The primary object of this invention is to provide an improved machine for crimping wire screws to form self-spacing metal furring.

BIGGEST BUILDING IN THE WORLD MAY REIGN OVER BOSTON SKYLINE

Plans are announced for the erection of a \$20,000,000 building in Boston having a total floor area said to be greater than that of any structure now in existence, giving it the claim of being the biggest building in the world, says the Christian Science Monitor. It is to be constructed in the most modern and distinctly American architectural style, escaping the skyscraper appearance, yet with a central tower rising from its terraced base to 24 stories above the street, it was stated from he offices of the newly created New England Department Store, Inc.

Six floors of the new building, to be known as the New England Building, and to be located at St. James Avenue, Berkeley and Stuart Streets, will serve as a sales and display headquarters for New England manufacturers, with space provided for a permanent industrial exhibit, thus tending to consolidate in one location the representatives of industries spread over a wide geographical territory.

Ten Acres of Floor Space

The first five floors and the first basement, with the exception of space for some 20 specialty shops, will be devoted to the newly formed department store. It was announced more than 10 full acres of floor space would be occupied by this huge retail service.

In the second and third basements of the building, to be reached by a long and moderately sloped ramp, provisions will be made in accordance with the most modern building ideas for the parking of automobiles. Able to handle from 3000 to 5000 passenger automobiles a day, it was stated, these facilities will supplement the street parking spaces and those of one of the largest garages in the world, but a block distant, which handles from 20,000 to 25,000 automobiles a week.

Plans Tunnel System

In addition to connections by tunnel with the subway and street car facilities, it was further announced, a much larger tunnel will connect the building with a proposed warehouse, to be situated in the proximity of railroad lines. This storehouse will eliminate the necessity of devoting large parts of the New England Building to storage, and will also speed up the deliveries from the department store, it was stated, in addition to dispensing with the congested traffic resulting from the delivery of goods from within the building, all of which would be transferred by tunnel to the warehouse.

According to W. J. McDonald, Boston real estate man, who conceived the idea of this project, and who is one of the directors of the New England Department Store, Inc., the proposed tower of the building, which will be devoted to general office space, will not be built until permission is granted by city and state officials.

Exceed Zoning Limit

"The height of the proposed tower," Mr. McDonald said, "exceeds the limit set by the Boston zoning laws, although the total cubic contents of the building is less than that permitted by the building-height regulations for a site of this size. The seeming contradiction is caused by pyramided and terraced style of architecture, which allows a maximum of light for the building, and escapes the characteristic skyscraper tendency to increase street congestion by concentrating too many people on a small ground area. City officials who have been shown the plans assure us that there will be no objection to the tower."

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

K-23-X-4173-CS ENGINEER, to direct development and test work conducted in conjunction with U. S. Army A. Corp. Must have graduated in business administration or engineering from a recognized college or university, and in addition must have had at least 5 years administrative experience. Should be familiar with aeronautical equipment in general and knowledge of military and commercial aeronautical activities desirable. Headquarters Eastern. Apply by letter.

R-1490-S STRUCTURAL DESIGNER fully competent to design all types of mine structures, steel, concrete and frame. Position will probably last for several years as large development is contemplated. Apply by letter, Location Canada. Salary open.

R-1488-S MECHANICAL ENGINEER AND DRAFTSMAN, experienced in designing, to make estimates, plans and detail drawings of new mine equipment under supervision; 225 a mo. Permanent. Location Northern Mexico.

R-1479-S STRUCTURAL DESIGNER experienced on steel and concrete warehouse structures. Must be American citizen. Temporary; 250 a month. Local.

Chas. H. Thompson, formerly of Santa Barbara, has opened offices in the Arcade Bldg., Burlingame, for the practice of architecture.

Frederick Roehrig will operate from 3907 Telegraph avenue, Oakland, under the firm name of C and R Sheet Metal Works.

Building News Section

APARTMENTS

AN LUIS OBISPO, Cal.—F. Marion Smith, owner and contractor, has started erection of twelve apartment structure in Msh St., bet. Osos and Santa Rosa streets; estimated cost \$40,000; electric refrigerators; wrought iron balconies. Spanish type of architecture.

Plans Being Prepared
APARTMENTS Cost \$60,000
SAN FRANCISCO, NW Broderick and Francisco st.
Two-story and basement frame and stucco apartment bldg., 18 2, 3 and 4-room apts.
Owner and Builder—E. J. Wade.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Sub-bids Being Taken
APARTMENTS Cost \$70,000
ALAMEDA, Alameda Co., Cal.—Location withheld.
Two-story frame and plaster apartment building (3 2-room and 1 6-room and 13 3-room apts.)
Owner—Walthall & Darnell, 1423 Park st., Alameda.
Architect and Manager of Constr.—McWethy & Greenleaf, 2910 Telegraph ave., Oakland.

LOS ANGELES, Cal.—Frank Webster, 92 Guaranty Bldg., is preparing working plans for a 4-story and part basement, 122-room, 59-family class C apartment house on N Kenmore ave; owners name withheld; structural steel, brick walls; cost \$180,000.

SANTA CRUZ, Santa Cruz Co., Cal.—W. F. Meyer, 15 church street, is having plans prepared for a two-story concrete (4 stores and two apartments on the 4th) of the present building at 15 Church street.

LOS ANGELES, Cal.—Lee Callahan & S. S. 718 Edwards & Widely Bldg., Lee Callahan, architect, will build a 5-story apartment class B apartment building near Ambassador Hotel, for Norman Giles, Inc.; 187 rooms divided into single, double, 3, 4 and 5-room apts.; 121 x 14 ft., steel frame construction, reinf. concrete walls; cost \$500,000.

Plans Being Completed.
APARTMENTS Cost, \$110,000
SAN JOSE, Santa Clara Co., Cal. N. First St. and Hensley Ave.
Two-story frame and stucco apartment building (24 apts.)
Owner—C. W. Hovson.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Bids will be taken for a general contract in 10 days.

LOS ANGELES, Cal.—Architect Robert C. Yinger, 6362 Hollywood blvd., preparing working plans and Clark Bros., 632 Hollywood blvd., will build 5-story apartment building on N Highland dr; owners name withheld; 24 rooms, 125x120 ft., steel frame, reinf. concrete curtain walls; cost \$300,000.

LOS ANGELES, Cal.—Architect Robert C. Yinger, 6362 Hollywood blvd., is preparing preliminary plans for a 12-story and basement Italian Renaissance type apartment and hotel to be built on Beacon nr 8th st; owners name withheld; 400 rms; 55x150 ft., steel frame construction, brick filler walls, reinf. concrete floors; cost \$750,000.

Sub-bids Being Taken
APARTMENTS Cost \$25,000
SAN FRANCISCO, NW 29th and Irving.
Two-story and basement frame and stucco apt. bldg., 18 apts.
Owner and Builder—Thomas Scoble, 336 Kearny st.
Architect—E. E. Young, 2002 California.
Building permit applied for.

RED BLUFF, Tehama Co., Cal.—O'Connor Bros., general contractors, Red Bluff, will erect for themselves a 4-apartment building in Jefferson St., bet. Crittenden and Union Sts.; brick construction; each apt. will contain 4 rooms and bath.

Plans Being Prepared
APARTMENTS Cost \$12,000
SAN FRANCISCO, NE 17th and Ord sts.
Two-story frame and stucco apartment bldg., 4 3-room apts.
Owner—Milton Lepitch.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Completing Plans
APARTMENTS Cost \$15,000
SAN FRANCISCO, E 11th ave. N Geary street.
Two-story and basement frame and stucco apt. bldg., 4 4-room apts.
Owner—Mrs. T. Offutt.
Architect—R. R. Irvine and L. Ebbets, Call Bldg.
Contractor—James Smith, 268 11th ave.
Sub-bids will be taken in two weeks.

Plans Being Completed
APARTMENTS Cost \$—
SAN FRANCISCO, Mission District.
Ten-story class C steel frame and concrete bldg., 50 apts., stores, offices and garage.
Owner—Withheld.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Two stories of the structure will be devoted to garage. One story for stores and one floor for doctors' offices. Construction will be started as soon as bank loan is obtained.
Bids will be taken in one week.

Owner Taking Segregated Bids
APARTMENTS Cost \$40,000
BERKELEY, Alameda Co., Cal., Hawthorne and Elm sts.
Two-story frame and stucco apt. bldg., 20 2-room apts., concrete basement to accommodate 22 cars.
Owner and Builder—P. Donovan.
Architect—Clay N. Burrell, American Bk. Bldg., Oakland.

Sub-Bids Being Taken.
APARTMENTS Cost, \$1,000,000
OAKLAND, Alameda Co., Cal. Grand Ave. and Hillpoint St.
Sixteen-story Class C community apartment building (all modern conveniences).
Owner—Bercovich and Associates.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Thebo, Starr & Anderton, Sharon Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, \$25,000
OAKLAND, Alameda Co., Cal. Flag Ave. near Fruitvale.
Two-story frame and stucco apartment building (6 apts.; all modern conveniences.)
Owner—A. F. Flag, 2501 Best Ave., Oakland.
Architect—W. W. Dixon, 1840 Park Blvd., Oakland.

Sub-contracts Awarded
APARTMENTS Cost \$45,000
OAKLAND, Alameda Co., Cal., East 14th st.
Three-story addition to present 1-story frame and plaster apartment building, 24 2 and 3-room apts; all modern conveniences.

Owner—E. M. Balfour.
Architect and Manager of Constr.—McWethy & Greenleaf, 2910 Telegraph ave., Oakland.
Brick work—George W. Addison, 4000 Maybelle st., Oakland.
Plastering—Phil Donnelly, 5816 Lawton st., Oakland.
Tile work—Robert Howden & Son, 1628 Webster st., Oakland.
Steel work—Herrick Iron Works, 18th and Campbell, Oakland.
Lumber—Kiernan Hubbard Lumber Co., 340 29th ave., Oakland.
Steam heating—J. A. Freitas, 2811 E-10th st., Oakland.
Exhaust fans—Gunn, Carle & Co., 444 Market st., S. F.

To be Done by Day's Work
APARTMENTS Cost \$25,000
SAN FRANCISCO, E Broderick st. N Lombard.
Three-story and basement frame and stucco apt. bldg. (9 apts.)
Owner and Builder—Louis R. Anderson, 37 Rico way.
Architect—J. C. Hladik, Monadnock Bldg.

Sub-Contracts Awarded.
APARTMENTS Cost, \$—
SAN FRANCISCO. SE Lombard and Polk Streets.
Six-story steel frame and concrete apartment building (number of apts. not decided).
Owner and Builder—Herman Hogrefe, 637 Powell St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Steel—Central Iron Works, 2050 Bryant St., San Francisco.
Lumber—S. F. Lumber Co., Foot of Mason St., San Francisco.
As previously reported, excavating awarded to B. Rosenberg, 58 Merlin St., San Francisco.

Bids Opened.
APARTMENTS Cost, \$—
BURLINGAME, San Mateo Co., Cal. Burlingame Ave. near Lorton St.
Three-story steel frame and concrete apartment and store building (five 3, 4 and 5-room apts; number of stores not decided).
Owner—Mr. Moyer.
Architect—E. L. & J. E. Norberg, 580 Market St., San Francisco.

General Contract
Black & Campbell, Call Bldg., San Francisco\$19,845
John Daley, Burlingame 20,160
Cohby & Son, San Francisco 21,200
J. Webster, Burlingame 21,557
Chas. Pedersen, San Mateo 22,206
Geo. Williams, Burlingame 22,388
J. S. Sampson, San Francisco 22,500
Vogt & Davidson, San Francisco 22,857

Plumbing
Jos. Grimes, 245 California St., Burlingame\$2723
A. H. Dittman, Burlingame 2850
W. Palamontain, Burlingame 2850
H. R. Parks 2892

HOLLYWOOD, Cal.—Architect Wm. L. Campbell, 911 Title Insurance Bldg., Los Angeles, preparing preliminary plans for 4-story and basement Class C apartment building, 92x120 feet, to be built in Hollywood for Harry Molin; 35 apartments; brick construction. Cost, \$175,000.

Orders-Inquiries

60 pages
Send for FREE COPY

Can be Secured by MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.
 Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Masters
 Producers of Direct Mail Advertising

Plans Complete
APARTMENTS Cost \$300,000
SAN FRANCISCO, W Stockton st. bet. Pine and California.
 Ten-story and basement class A apartment house, (approx. 80 2 and 3-rm. apts.)
 Owner—Marcus Marcussen, 485 California st.
 Architect—H. C. Baumann, 251 Kearny st., S. F.
 Owner will take sub-bids.

Plans Being Prepared
APARTMENTS Cost \$200,000
SAN FRANCISCO, Clay street.
 Eleven-story class A community apartments bldg., 24 4, 5 and 6-room apts., all modern conveniences, roof terraces.
 Owner—Mutual Realty Investors Corp., (Samuel A. Schwartz.)
 Architect—Henry Shermund, Hearst Bldg.

BONDS

GLENDALE, Los Angeles Co., Cal.—Board of Education plans election to vote bonds for new elementary schools. The board is divided on the question of employing experts to make a survey of the school system, their fee to be deducted from the fee to be paid to the architects selected to design the proposed buildings.

BURBANK, Los Angeles Co., Cal.—Board of Education sets \$765,000 as amount of proposed bond issue for new school buildings. Of this sum \$502,000 will be for high school purposes and the remainder for grammar schools. Francis D. Rutherford, Santa Monica, is architect for the school board.

MONTEREY, Monterey Co., Cal.—Election will be held March 23 in Monterey Union High School District to vote bonds of \$220,000 to finance erection of new school buildings. One structure will provide 12 classrooms, a cafeteria to seat 170 pupils and gymnasium. Machine shops, wood working shops, etc., will be enlarged and the present gymnasium will be remodeled for an assembly hall.

MOJAVE, Kern Co., Cal.—Election will be held shortly to vote bonds of \$25,000 to finance erection of grammar school. Cullimore & Symmes, architects, Bakersfield.

DELANO, Kern Co., Cal.—Delano Joint Union High School Dist. defeats proposal to issue bonds of \$75,000 to finance erection of physical education building, and alter and make additions to present school; 506 for and 302 against proposal. George Sellen & Co., California State Life Bldg., Sacramento, architects.

REDDING, SHASTA Co., Cal.—Election will be held March 5 in Columbia School Dist. to vote bonds of \$3,000 to finance erection of new school. Trustees of district are: Mrs. Ella Crespo, Mrs. C. J. Meisner and E. E. Leighton.

VACAVILLE, Solano Co., Cal.—Election will be called shortly in Vacaville High School District to vote bonds to finance erection of gymnasium and remodeling present high school. Election held in April, 1927, to vote \$75,000 for this purpose, failed to carry. If the new issue carries, plans will be prepared by Architect Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

PHOENIX, Ariz.—Phoenix Union High School District sets March 8 as date to vote bonds of \$625,000 to erect additional buildings to include a new high school building to cost \$300,000, a new Junior High School to cost \$175,000, and additions to the auditorium and heating system to cost \$125,000.

LONG BEACH, Cal.—Citizens Committee urging city council to call election to vote \$2,750,000 bonds to purchase site and erect memorial auditorium. Three sites under consideration will be put on the ballot.

MADERA, Madera Co., Cal.—City will hold election in April to vote bonds of \$3000 to remodel city hall for quarters for fire department. Jas. Wakefield, city clerk.

TEHAMA, Tehama Co., Cal.—Election will be called shortly in Tehama Grammar School District to vote bonds of \$25,000 to finance erection of new school, preliminary plans for which are being prepared by Architects Starks & Flanders, Ochsner Bldg., Sacramento. Will be one-story brick veneer; 2-classrooms; auditorium; kitchen and library.

BRYTE, Yolo Co., Cal.—Election will be called shortly to vote bonds of \$7500 to finance erection of new town hall.

CHURCHES

Preparing Working Drawings
ALTERATIONS Cost \$50,000
SACRAMENTO, Sacramento Co., Cal., Twenty-seventh and N sts.
 Alterations and additions to present church building (Bible school addition; auditorium, etc.)
 Owner—First Christian Church.
 Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
 Plans will be ready for bids in about two weeks.

Plans Being Revised—Bids to Be Taken
Next Week.
CHURCH Cost \$50,000
Fresno, Fresno Co., Cal.
 Three-story brick church building with tile roof. First unit consisting of Sunday school and social hall.
 Owner—Trinity Methodist Episcopal Church.
 Architect—Tuttle & Tuttle, 505 California Bldg., Oakland.

Plans Being Prepared
CHURCH Cost \$65,000
EUREKA, Humboldt Co., Cal., 1 and J, 14th and 15th sts.
 Church building, Spanish design.
 Owner—First Presbyterian Church (Rev. Robert Crichton, pastor).
 Architect—F. M. White, Sherlock Bldg., Portland, Ore.

A campaign for funds to finance the project is now under way. Of the total amount required for construction, \$15,600 is now available.

RIVERSIDE, Cal.—All Saints Episcopal Church has appointed committee to select an architect to prepare plans for a new church to be erected at New Magnolia Ave. and Terracina Dr. The committee includes A. M. Halsted, H. G. Wilson and E. W. Trevelyan.

SAWTELLE, Los Angeles Co., Cal.—Nineteenth Church of Christ, Scientist, Sawtelle, has purchased three lots on Federal ave. near Santa Monica Blvd. as a site for a new church building which it plans to erect in the near future. The site is 136x140 feet.

SAN LUIS OBISPO, Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, is taking bids on general contract for the erection of a one-story and basement Sunday school and recreational building at the corner of Marsh and Osos Sts., San Luis Obispo, for the First Presbyterian Church of that city; the building will contain gymnasium, classrooms, banquet hall, kitchen and dining room facilities, lockers and showers; from construction. Cost, \$50,000.

LOS ANGELES, Cal.—Architects M. Patterson and R. L. Warren, Chamber of Commerce Bldg., prepare plans for auditorium to be erected West Adams St., for West Adams Presbyterian Church; Class C, 60x140 ft. seating 1000; reinforced concrete walls steel trusses. Cost, \$85,000.

LOS ANGELES, Cal.—Walter Sla Co., 2314 Santa Fe Ave., awarded the contract for additions to First United Presbyterian Church at 1801 West Blvd. J. C. Austin and Frederic M. Ashley, architects, Chamber of Commerce Bldg. will provide Sunday school and assembly rooms; choir room. Concrete construction; cost, \$50,000.

FRESNO, Fresno Co., Cal.—Frien Church of Fresno has purchased six lots on which will be erected a modern office. Services are now being held at the Y. W. C. A. auditorium. Seven thousand dollars are already available for construction. Rev. Frank W. D. general superintendent for the Frien Church in California, is temporary pastor.

FACTORIES & WAREHOUSES

Contract Awarded.
MFG. PLANT Cost, \$23,400
BERKELEY, Alameda Co., Cal. Park St. bet. 5th and 6th Sts.
 One and part two-story steel and brick manufacturing plant (12,000 sq. ft.)
 Owner—Bunting Iron Works, 820 Park St., Berkeley.
 Architect—Benjamin G. McDougall, Sacramento St., San Francisco.
 Contractor—Lawton & Vezey, 354 Hobart St., Oakland.

Contract Awarded.
ADDITION Cost, \$—
BERKELEY, Alameda Co., Cal. S. Pablo and Heinz Aves.
 One and two-story brick and stucco addition to present manufacturing plant offices, etc. (approx. 767x200 feet)
 Owner—H. J. Heinz Corp., 2900 San Pablo Ave., Berkeley.
 Architect—Albert Kahn, Detroit, Mich.
 Contractor—The Austin Co., 244 Kearny St., San Francisco.
NOTE—Cost will be approx. \$250,000.

Contract Awarded.
MFG. BLDG. Cost, \$10,500
SAN FRANCISCO, NW Tenth and Mission Streets.
 Two-story and basement reinforced concrete light mfg. building.
 Owner—L. A. Myers, 68 Post St., San Francisco.
 Architect—None.
 Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco.

Plans Completed.
WAREHOUSE Cost, \$15,000
UNION STATION, Napa Co., Cal. Napa.
 One-story frame warehouse, 184x54 feet
 Owner—Earl Fruit Co., 85 Second St., San Francisco.
 Engineer—James Ludlow, 460 Montgomery St., San Francisco.
 Whether bids will be taken or not still indefinite.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

EREKA, Humboldt Co., Cal.—Coal and two yards of Lewis H. Hess at Commercial and Third sts., suffers \$50,000 fire loss Feb. 19.

CLARE, Tulare Co., Cal.—Los Angeles Creamery Co. will erect 34 by 60 ft. concrete warehouse in addition to enlarging the present plant. Jack Hutsell is plant manager.

ENO, Nevada—Monite Explosives, recently organized, plans early construction of powder plant in vicinity of Enos. Directors of the company are: A. J. Pitt of Lovelock, president; Fred Enos of Reno, vice president; George Campbell of Reno, vice president; Howard Enos of Reno, secretary-treasurer; S. Enosmore of Reno, consulting chemist.

ELINAS, Monterey Co., Cal.—Jack Brown, Watsonville, at approx. \$7000 awarded contract to erect four frame stucco packing sheds for Monterey Cotton Ice & Development Co. at foot of Abbott St.

Irfield, Solano Co., Cal.—I. C. Boss, Sacramento, at \$10,000 awarded contract for Pacific Fruit Exchange to erect fruit packing shed on Willotta Ranch; 100 by 105 feet.

Opened—Under Advisement.
FACTORY Cost, \$10,000
SAN FRANCISCO, SE Harrison & Marinosa Sts.
Alterations and additions to present factory building.
Owner—Sussman & Wormser, 4th and Berry Sts., San Francisco.
Architect—Dodge A. Riedy, 321 Market St., San Francisco.

SALIA, Tulare Co., Cal.—Excavation has been started in connection with the rebuilding of the packing plant of the Hide Citrus Packing Company. The work will be carried on under the supervision of Frank Hammer. S. E. Evers is secretary of the packing company.

Construction in Sheet Metal Award
EDITION Cost \$16,000
SAN FRANCISCO, NE Mission st. and Plum st.
One-story addition to present manufacturing plant.
Owner—Speyer & Schwartz, 317 Main St.
Architect—Ellison & Russell, 712 Pacific Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Sheet Metal: Western Furnace & Cornice Works, Lansing & Essex sts.
Lev. rep. as being awarded to Western Sheet Metal Works, which was in error.

Additional Sub-Contracts Awarded
FACTORY Cost \$100,000
Equip. approx. \$500,000
SAN FRANCISCO, corner Williams and Newhall Sts.
One-story reinforced concrete can factory.
Owner—Pacific Can Co., E. F. Eupart, president, 290 Division St., S. F.
Engineer and Mgr. of Constr.—L. H. Nishkan, Monadnock Bldg., S. F.
Sheet Metal—Guilfoyle Cornice Works, 1234 Howard St.
Reinforced Steel—Soule Steel Co., Rialto Bldg., S. F.
Concrete—Stoneson Bros. and Thorin-son, 950 Monterey bldv.
Plumbing—W. P. Fuller & Co., 301 Mission St. Grading to B. Rosenberg, 58 Merlin St., S. F.; structural steel to Central Iron Works, 2050 Bryant St., S. F.
Bids on other portions of the work are in and will be awarded shortly. Construction is being resumed.

Sub-Contracts Awarded
WAREHOUSE Cont. price \$99,180
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First St., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Clinton Construction Co., 923 Polson St., S. F.
Elect. Forms: Ransome Co., Oakland.
Sheet Sash: U. S. Metal Products Co., 320 10th St., S. F.
Prev. rep.
Ref. steel—Badt-Falk & Co., 74 New Montgomery st., S. F.

Contract Awarded
WAREHOUSE Cost \$15,000
OAKLAND, Alameda Co., NW 20th and Adeline.
One-story brick warehouse.
Owner—George Caswell, 1920 Grove St., Oakland.
Architect—None.
Contractor—Heath & Wendt, 2116 Allston way, Berkeley.
Building permit applied for.

HANFORD, Kings Co., Cal.—Cousins Tractor Co. has purchased property adjoining the present plant and will erect additions. Site is 50 by 150 ft. on which will be erected a tractor shop, machine shop extension, etc. Ed. Cecil, president of company.

PITTSBURG, Contra Costa Co., Cal.—Los Medanos Canning Co. of Pittsburg, capitalized for \$200,000, has been incorporated. The company will erect a canning plant in Pittsburg. Directors are: Michael Junta; G. E. Sino and C. Lanzafame. An architect has not as yet been selected.

OAKLAND, Cal.—Plant of East Bay Iron & Metal Works, 2310 Peralta St., suffers \$75,000 fire loss Feb. 17. Plant owned by A. Shapiro and N. Nathan.

FLATS

Construction Started
FLATS Cost \$12,000 each
SAN FRANCISCO, S Bay st. W Scott.
Three 2-story and basement frame and stucco flat buildings, 6 rooms each, all modern conveniences.
Owner and Builder—M. P. Storheim, Hearst Bldg.
Architect—R. R. Irvine & L. Ebbets, Call Bldg.
Sub-bids being taken.

To Be Done By Day's Work.
FLAT BLDG. Cost, \$10,000
SAN FRANCISCO—W Thirty-first Ave. N Fulton Street.
Two-story and basement frame and stucco flat building (2 flats).
Owner and Builder—A. L. Cook, 173 O'Farrell St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, \$12,000
SAN FRANCISCO. N Fulton St. E Forty-second Ave.
Two-story and basement frame and stucco flat building (2 flats).
Owner and Builder—M. McDonough, 148 Randall St., San Francisco.
Architect—None.

GARAGES

Contract Awarded
GARAGE Cost \$25,000
SAN FRANCISCO, N Clement E 21st ave.
Two-story reinforced concrete garage bldg.
Owner—Frederick W. Schmidt, 2744 Balboa st.
Architect—Felix Spitzer, 251 Kearny st.
Contractor—J. M. Johnson, 2744 Balboa.
Building permit applied for.

Piling and Excavating Contracts Awarded
GARAGE Cost, \$60,000
SAN FRANCISCO, Sacramento Street W Davis Street.
Two-story reinforced concrete garage building.
Owner—J. Pasqualetti, 785 Market St., San Francisco.
Engineer—C. W. Zollner, 785 Market St., San Francisco.
Piling—A. W. Kitchen Co., 110 Market St., San Francisco.
Excavating—Granfield, Farrar & Carlin, 67 Hoff St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Feb. 27, 11 A. M., under Order No. 9416-1261, bids will be received by U. S. Engineer Office, 85 2nd St. to fur. and del. Rio Vista, Solano County, 5000 lbs. welding rods, 3/6x 14-in., in 50 lb. bundles. Further information obtainable from above office.

PASADENA, Cal.—Otis Elevator Co., Washington, D. C., at \$4257 awarded contract by Supervising Architect, Treasury Department, Washington, D. C., to install freight elevator in post office at Pasadena.

COCO SOLO, C. Z.—Bids are being received (date not set) by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5569, to erect steel-covered structural-steel frame hangar, 330 ft. by 160 ft. with leantos (120 ft. long by 20x40 ft. wide) on two sides, at naval air station, Coco Solo, C. Z.; deposit of \$10 required for plans obtainable from Bureau.

SAN DIEGO, Cal.—Bids are being received (date not set) by Bureau of Yards and Docks, Navy Department, Washington, D. C., under specification No. 5570, to erect for steel-covered structural-steel frame hangar, 220 ft by 160 ft, with leantos (120 ft by 20 ft) on two sides, at the naval operating base (air station), San Diego, Cal.; deposit of \$10 required for plans, obtainable from Bureau.

ELLENSBURG, Wash.—Bids received by U. S. Bureau of Reclamation to const. Kittitas conc. diversion dam and incidental work near Easton, Wash., were: C. F. Graft, 321 Highland dr., Seattle, \$231,947 (there is some question as to regularity of bid); Derbon Construction Co., Alaska Bldg., Seattle, \$250,350; Morrison-Knudsen Co., Boise, Idaho, \$254,002; Utah Construction Co., Ogden, Utah, \$266,812; General Construction Co., Seattle, \$283,960; P. L. Crooks & Sons, Portland, \$208,734; F. J. Groves & Sons, Minneapolis, \$359,281. The work is located near Easton, Wash., on the Northern Pacific and Chicago, Milwaukee & St. Paul railroads. The principal items involved are: Diversion and care of river and unwatering foundations; 70,000 cu. yds. excavation of all classes; 1500 cu. yds. backfill; 900 cu. yds. puddling or tamping backfill; 500 lin. ft. drilling grout holes; 8400 cu. yds. concrete; 235,000 lbs. placing reinforcement bars; 210,000 lbs. structural steel, installing. Also other metal work. The government will furnish part of the materials.

WASHINGTON, D. C.—President Coolidge has authorized \$6,792,000 for construction of new buildings at military posts through the country. The work will comprise new barracks, quarters, hangars and other appurtenances of the army air service.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8323, western yards, bolts and nuts, opening of Feb. 14, postponed to Feb. 28.

Sch. 8370, western yards, bolts and nuts, opening of Feb. 14, postponed to Feb. 28.

Sch. 8485, Mare Island, baskets, plate, cutlery, cup and bowl, Feb. 28.

Sch. 8498, western yards, sheet steel, Feb. 28.

Sch. 8499, Mare Island and Puget Sound 1,000,000 lbs. medium plate steel, Feb. 28.

Sch. 8506, western yards, white and red oak, Mar. 6.

Sch. 8507, western yards, steel bars, Mar. 6.

Sch. 8527, Mare Island, 126,000 lbs. sulphuric acid, Mar. 6.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured
CLUB BLDG. Cost \$40,000
SAN FRANCISCO, Wawona st. and 30th ave.
Two-story brick or reinforced concrete club bldg.
Owner—Junior League.
Architect—Ashley & Evers, 525 Market St., S. F.

LOS GATOS, Santa Clara Co., Cal.—W. C. Shrager is chairman of committee with option on golf course for proposed Los Gatos Country Club which proposes to finance laying out 18-hole course and erection of a club house. The project will be financed through the sale of memberships in the club.

Working Drawings Approved—Construction to be Started May 1.
LODGE BLDG. Cost \$275,000

FRESNO, Fresno Co., Cal., Fresno and M sts.

Two-story fireproof store and lodge bldg., 125 x 150 ft.

Owner—Fraternal Order of Eagles.

Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno.

Stores will occupy ground floor with lodge and club rooms on second floor, with banquet hall, etc. Gymnasium quarters will be located on the roof.

Preparing Working Drawings.

LODGE BLDG. Cost, \$100,000

OROVILLE, Butte Co., Cal.

Three-story and basement Class A store, lodge and club building (site 100x120 feet).

Owner—Oroville Lodge, Benevolent and Protective Order of Elks.

Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

MARYSVILLE, Yuba Co., Cal.—Marysville Lodge, Benevolent and Protective of Elks, plans purchase of Ellis property in Fifth St., bet. B and C Sts., on which it is proposed to erect a modern store and lodge building.

WOODLAND, Yolo Co., Cal.—Architect will be selected shortly by Town and Country Club to erect \$10,000 clubhouse. Of the total amount required for construction, \$7000 is available.

Segregated Bids Being Taken.

LODGE BLDG. Cost, \$100,000

SACRAMENTO, Sacramento Co., Cal.

N K St., bet. 27th and 28th Sts.

Two-story and basement brick and tile lodge building (dining room in basement).

Owner—Eastern Star (Mrs. Arthur M. Seymour), 1605 H St., Sacramento.

Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

CALIFORNIA—Jimmy Murphy Columbus Club of Los Angeles (a branch of the Knights of Columbus), capitalized for \$50,000, has been incorporated to finance erection of buildings, clubhouses and homes for members of the organization. Directors are: J. E. Hazel, George E. Stewart and John J. Adams, all of Los Angeles.

Contract Awarded.

ALTERATIONS Cont. Price, \$29,000

NAPA, Napa Co., Cal. No. 1033 Main Street.

Alterations and additions to present two-story brick lodge building (add two Owner—Odd Fellows Lodge, Napa.

Architect—W. H. Corlett, 507 Jefferson St., Napa.

Contractor—E. W. Doughty, 1125 1st St., Napa.

HOSPITALS

LOS ANGELES, Cal.—Architect Myron Hunt, 1107 Hibernian Bldg., commissioned to prepare plans for a hospital building to be erected at 304 Nort Boyle Ave. as an addition to the White Memorial Hospital. Will accommodate 100 beds and will be a four-story and basement Class A reinforced concrete structure; cost, \$200,000.

REDLANDS, San Bernardino Co., Cal.—Architects Myron Hunt and H. C. Chambers, 1007 Hibernian Bldg., Los Angeles, are completing plans for the new hospital building to be erected at Redlands for the Redlands Community Hospital Association. Plans provide for a large one-story structure, designed in Spanish style. It will be of hollow concrete wall construction. Cost, \$150,000.

TALMADGE, Mendocino Co., Cal.—W. J. Burke Co., 200 Davis, S. F., were awarded the Williams Form Clamp contract by Carl N. Swansen, Medical Building, San Jose, in connection with the construction of an Attendant's Building, being erected for the State of California at the Mendocino State Hospital. Plans were prepared by Architect George B. McDougall, Forum Building, Sacramento.

SANTA ROSA, Sonoma Co., Cal.—Rotary Club proposes that county supervisors join with counties of Lake, Napa and Mendocino to finance erection of joint tubercular hospital.

BAKERSFIELD, Kern Co., Cal.—Pioneer Mercantile Co., Bakersfield, at \$4955 awarded contract by county supervisors to fur. and install finish hardware in addition to Kern General hospital. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

WILLOWS, Glenn Co., Cal.—A committee of women headed by Dr. Etta S. Lund has petitioned the county supervisors to provide a womens' ward building at the county hospital. Following a general discussion, the fact became known that the supervisors contemplated early erection of a new county hospital group.

SALINAS, Monterey Co., Cal.—County supervisors are considering preliminary plans for proposed tubercular sanatorium to be erected at county hospital grounds. Will contain 16 rooms, so designed to permit 4-room units as required. Estimated cost \$26,000.

HOTELS

Plans Being Figured

HOTEL First unit \$100,000

(ultimate cost \$500,000)

SALINAS, Monterey Co., Cal.

Six-story steel frame, fireproof, hotel.

Owner—William Jeffery, Jeffery Hotel,

Salinas.

Architect—Kump & Johnson, Rowell-

Chandler Bldg., Salinas.

Contemplated

HOTEL

REDWOOD CITY, San Mateo Co., Cal.,

Broadway.

Sixty-room hotel bldg.
 Owner—A. J. Fromm, Main and Broadway, Redwood City.
 Architect—None.

Contract Awarded.

ALTERATIONS Cost, \$150,000

SAN FRANCISCO, NE Post and Alameda

alley, bet. Taylor and Jones Sts.

Remodel present building for hotel.

Owner—Browne Investment Co., 68 1/2

St., San Francisco.

Architect—None.

Contractor—R. Browne, 68 Post St.,

San Francisco.

Contract Awarded.

ALTERATIONS Const. Approx. \$500,000

SAN FRANCISCO No. 838 Grant

Alter and remodel apartment-hotel building.

Owner—Cuneo-Debendetti Estate.

Architect—Will H. Toepke, 72 N

Montgomery St., San Francisco.

Contractor—Jacks & Irvine, 72 N

Montgomery St., San Francisco.

Steel Contract Awarded.

HOTEL Cost, \$150,000

SAN FRANCISCO, W Jones St. S E

Seven-story steel frame Class A hotel

building, cement exterior, steel joists

(90 rooms, baths and showers).

Owner and Builder—John Dempniak, 1

Jackson St., San Francisco.

Architect—H. C. Baumann, 251 Kearny

St., San Francisco.

Engineer—A. Smith, 251 Kearny St.,

San Francisco.

Structural Steel—Judson-Pacific Co.,

Mission St., San Francisco.

Sub-bids are being taken on other

parts of the work.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



S. F. BRIDGE FAN GETS 13 TRUMPS

The bridge player who held thirteen trumps and only took one trick (he trumped his partner's ace and his partner shot him) must yield the hard-luck accolade to Miss Josephine De Martini, 470 Clipper Street.

Miss De Martini held thirteen clubs in a game with friends Tuesday night bid five clubs, was doubled—and failed to redouble. But she made game, a grand slam, 100 points for honors, and in all 434 points.

"Bridge isn't difficult," she said yesterday; "all you have to do is lay your hand down."—News item.

EVERYTHING IS bridge.

IF THE women.

ARE NOT playing bridge.

SAN FRANCISCO is trying.

TO BRIDGE the bay.

THEY HAVE the Carquinez bridge.

AND THE Antioch bridge.

AND IF the State Highway.

BUILDS A concrete bridge.

ANYWHERE IN Northern California.

CLARENCE (SANDY) Pratt, President.

OF THE Pratt Building Material Co.

WILL TRY to sell.

BOTH CLEAN, sharp sand.

AND CLEAN, hard rock.

SO IT is bridge, bridge.

WHEREVER YOU go.

THE WOMEN play every day.

AND MANY evenings.

AND WHEN a bridge.

IS BUILT across the bay.

SANDY PRATT hopes.

TO SHIP sand and rock.

FROM SACRAMENTO, Marysville.

PRATTROCK (NEAR Folsom).

MAYHEW (SACRAMENTO County).

OR PRATTCO (Monterey County).

CENTRAL OFFICE—San Francisco.

"I THANK you."



This 1928 scene shows friend husband trying to arrange so that his better half can spend a little more time at home fixing the dining room table instead of the bridge table at the woman's club.

ICE AND COLD STORAGE PLANTS

HOLLISTER, San Benito Co., Cal.—National Ice & Cold Storage Co., Postal Telegraph Bldg., San Francisco, has purchased site, 72 by 240 ft., on which will be erected an ice manufacturing and cold storage plant, concrete and corrugated iron construction. Will have capacity of 20 tons per day and storage capacity of 1000 tons. Chas. J. Shaw, branch manager at Hollister.

Grang Contract Awarded
ICE PLANT Cont. price \$261,800
FRESNO, Fresno Co., Cal.
Reinforced concrete plant, 165x44 feet and icing platform, 3300 ft.
Owner—Pacific Fruit Express Co., 65 Market st., San Francisco.
Architect—Eng. Dept. of owner (Mr. Weatherwax).
Contractor—Lynch Cannon Co., Chapman Bldg., Los Angeles.
Gring-Kaiser Paving Co., Latham Square Bldg., Oakland.
Approximately 225,000 cubic yards of excavating is involved.

POWER PLANTS

LODI, San Joaquin Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, appropriates \$80,000 to finance power extensions in addition to purchase of power plant equipment.

SUTTER CITY, Sutter Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, will expend \$75,000 to erect substation and rebuild lines in territory adjacent to Tudor. Station will have capacity of 4000 h. p. and will cost \$40,000. Approx. ten miles of feeder line will be placed in addition to 12½ mi. of new distribution lines.

SACRAMENTO, Cal.—Until March 1, M. M. bids will be received by H. G. Dixon, city clerk, to furnish filter control panel board and rate of filtration panel board for Municipal Filtration Plant. Cert. check 10% payable to City Controller req. with bid. Specifications on file in office of clerk. A. J. Wagner, city engineer.

NORTHERN CALIFORNIA—Pacific Gas & Electric Co., 245 Market St., San Francisco, appropriates \$22,500,000 for construction during the current year. In connection with this expenditure the Mokelumne river development is included. It involves the building of the world's largest rock-filled dam, 1300 feet long and 36 feet high across the Mokelumne river, 5 miles above Jackson, which is the first step of a project for the development of a 2,000 horsepower generating plant at St. Springs and a great power plant of 700 horsepower on Tiger Creek. In Esmer and Nevada counties additions to the Spaulding-Drum developments will be completed, involving the erection of a 1000 horsepower unit on Lake Spaulding; replacing of temporary structures and lining of the Drum Canal providing increased water capacities; the installation of a penstock and a fourth generating unit of 20,000 horsepower capacity at the Lim plant near Colfax, which will bring its plant up to an installed capacity of 7100 horsepower.

PHOENIX, Ariz.—Bids rec. by Roosevelt Irrigation Dist. for electrical equipment, follow:

- (1) 4 100-hp 750 rpm, 440-volt, 3-phase, 25-cycle vertical induction motors.
- (2) 3 75-hp, 750 rpm, 440-volt, 3-phase, 25-cycle vertical induction motors.
- (3) 12 3½-kva, 11,000 to 440-v., single-phase transformers, adjusting taps.
- (4) 9 25-kva, 11,000 to 440-v., single-phase transformers, adjusting taps.
- (5) 15,000-v. lightning arresters.
- (6) 21 15,000-v. line suspension type, oak coils.
- (7) 7 24-cycle, 440-v. definite time relays.
- (8) 4 300-amp. 440-v. 25-cycle starting compensators, hand type.
- (9) 3 300-amp 440-v. 25-cycle magnetic switches.
- (10) 4 150-amp. 440-v. 3-phase 3-wire cycle watt-hour meters.
- (11) 3 100-amp. 440-v. 3-phase 3-wire cycle watt-hour meters.

(12) 7 pole type oil circuit breakers, 3-pole, single throw, 15,000 volt.

The bids follow:
General Electric Co.—(1) \$1033, (2) \$789, (3) \$279, (4) \$292, (5) \$22.88, (6) \$7.40, (7) \$50, (8) \$193, (9) \$134, (10) \$54, (11) \$50.
Ideal Electric Co.—(1) \$1005, (2) \$760.
Khunan Elec Co.—(3) \$403, (4) \$309.
Wagner Elec Co.—(3) \$308, (4) \$300.
Westinghouse Elec & Mfg. Co.—(1) \$908, (2) \$690, (3) \$370, (4) \$285, (5) \$23.23, (6) \$13.69, (7) \$42.50, (8) \$185, (9) \$116, (10) \$52, (11) \$49, (12) \$109.

MORGAN HILL, Santa Clara Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, has purchased site and will erect substation in connection with additional transmission lines from Newark to Morgan Hill and Salinas.

OAKLAND, Cal.—Safety Cable Co., 589 Howard St., San Francisco, awarded contract by City Port Commission to fur. and del. 1200 ft. submarine cable.

PUBLIC BUILDINGS

DIXON, Solano Co., Cal.—Dixon Fire Department will select site shortly on which to erect two-story firehouse with quarters for town trustees and police chief.

Plans Complete
MEMORIAL BLDG. Cost \$63,000
CRESCENT CITY, Del Norte Co.
Two-story reinforced concrete veteran's memorial bldg.
Owner—Crescent City.
Architect—Jens C. Petersen, California state Life Bldg., Sacramento.
Bids will be taken for a general contract April 9.

SACRAMENTO, Cal.—Until Feb. 28, 10 a. m., bids will be rec. by Harry W. Hall, city clerk, for painting (1) memorial hall, assembly room, ante-room and kitchen; (2) Room 2, Farm Advisors; (3) Office of the county treasurer—all in county courthouse. Walls and ceilings to be cleaned and patched where necessary and given 2 coats of washable wall paint. Side walls to be stippled. Cert. check 10 per cent payable to chairman of board of supervisors req. with bid. Spec. on file in office of the clerk. See call for bids under official proposal section in this issue.

Plans Being Prepared

ADDITION Cost \$20,000
LODI, San Joaquin Co., Cal.
Brick and concrete addition to present library bldg.
Owner—City of Lodi.
Architect—Davis-Pearce Co., 47 N Grant st., Stockton.
Plans will be ready for bids in thirty days.

ROSS, Marin Co., Cal.—J. Ongaro, Fairfax, at \$4450 awarded contract by town trustees to grade grounds, construct cement walks and driveways in connection with town hall and firehouse site.

CALIFORNIA—Several 500-acre sites are being considered in various sections of the state for the proposed state institution to be erected for women offenders. Selection of the site will be made by the State Commission on Institutions for Women Offenders, a commission appointed by Gov. C. C. Young to outline plans for such an institution.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

RESIDENCES

Contract Awarded
RESIDENCE Cost \$10,000
OAKLAND, Alameda Co., Cal., 763 Rosemont rd.
Two-story frame 9-room residence.
Owner—G. Gibson Paul, 240 Grand ave., Oakland.
Architect—Williams & Wastell, 374 17th st., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway ave., Oakland.

To take Sub Bids in About a Week
RESIDENCE Cost \$15,000
SAN FRANCISCO, Washington st. near Laurel st.
Two-story, basement and attic Class "A" residence, 18 rooms.
Owner—Timothy Hopkins.
Architect—Arthur Brown Jr., 251 Kearny st., S. F.
Contractor—George Wagner, 181 South Park, San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$15,000
OAKLAND, Alameda Co., Cal. Haddon Hill.
Two-story frame and stucco residence (8 rooms and 2 baths).
Owner—L. R. Foss.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

Contract Awarded
RESIDENCE Cost \$15,500
OAKLAND, Alameda Co., Cal. Lake District.
Two-story and basement frame and stucco residence (8 rooms and two baths).
Owner—Wm. H. Shost, 2720 Broadway, Oakland.
Architect—Slocombe & Tuttle, 337 17th st., Oakland.
Contractor—W. Vaughn, 501 Weldon ave. Oakland.

Contract Awarded
RESIDENCE Cost \$10,000
OAKLAND, Alameda Co., Cal. Campus Mills College.
One-story frame and stucco residence.
Owner—Luther Marchant, Mills College, Oakland.
Architect—W. H. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.
Contractor—Heathe & Wendt, 2116 Allston way, Berkeley.

Preparing Working Drawings
RESIDENCE Cost \$11,500
YUBA CITY, Sutter Co., Cal.
Two-story frame and stucco residence, Spanish type.
Owner—Ceel H. Straub.
Architect—Masten & Hurd, 210 Post st., S. F.
Plans will be ready for bids in two weeks.

Plans Being Revised
RESIDENCE Cost \$8000
OAKLAND, Alameda Co., Cal. Park Blvd.
Two-story frame and stucco residence, 2 4-room dwellings.
Owner—Miss Jacobsen.
Architect—Slocombe & Tuttle, 337 17th st., Oakland.
New bids will be taken in about two weeks.

Preparing Working Drawings
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal. St. James Wood.
Two-story frame and stucco residence, 8 rooms and 2 baths; English type.
Owner—Phil Hershey.
Architect—Miller & Warnecke, 1404 Franklin st., Oakland.
Plans will be ready for bids in two weeks.

Contract Awarded.
RESIDENCE Cost \$10,000
SACRAMENTO, Sacramento Co., Cal. No. 3300 H Street.
Two-story frame and stucco residence (6 rooms and garage).
Owner—Gordon Hughes, Forum Bldg., Sacramento.
Architect—None.
Contractor—W. E. Truesdale, 2116 H St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, \$15,000
SACRAMENTO, Sacramento Co., Cal.
No. 3300 I Street.
Two-story 16-room frame and stucco residence.
Owner and Builder—H. L. Mee, 3117 V St., Sacramento.
Architect—None.

Sub-bids Being Taken
RESIDENCE Cost \$40,000
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence (Spanish type, 10 rooms, 5 baths).
Owner—Al Coogan.
Architect—Sidney, Archie and Noble Newsom, Federal Realty Bldg., Oakland.
Contractor—George Mauer, 50 York dr., Oakland.

PASADENA, Los Angeles Co., Cal.—
H. W. Baum Co., Central Bldg., has been awarded the general contract including cabinet work, at approximately \$137,000 for the erection of a two-story English style residence in San Rafael Heights, Pasadena, for S. M. Bernard Co. Morgan, Walls & Clements, 1134 Van Nuys Bldg., are the architects. The house will contain twenty rooms, seven bathrooms and four lavatories; brick construction.

Contract Awarded.
RESIDENCES Cost, \$5000 each
SAN FRANCISCO. S Silver Ave. W Mission Street.
Eleven one-story and basement frame and stucco residences.
Owner—Castle Bldg. Co., 830 Market St., San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St., San Francisco.
Building permit applied for.

Contract to be Awarded
RESIDENCE Cost \$8000
BERKELEY, Alameda Co., Cal., North Cragmont.
Two-story frame and stucco residence.
Owner—S. C. Sonnichsen.
Architect—J. Hudson Thomas, Mercantile Trust Bldg., Berkeley.
Contractor—Harry Smith, 911 Inyo ave., Berkeley.

Plans Being Prepared
RESIDENCE Cost \$5000
BERKELEY, Alameda Co., Thousand Oaks.
Two-story frame and stucco residence, English type.
Owner and Builder—J. Harry Smith, 911 Inyo ave., Berkeley.
Architect—J. Hudson Thomas, Mercantile Bank Bldg., Berkeley.

Preparing Sketches
RESIDENCE Cost \$35,000
SAN MATEO, San Mateo Co., Cal., Baywood.
Two-story and basement frame and stucco residence, 11 rooms, 4 baths, 3-car garage with chauffeurs quarters.
Owner—Withheld.
Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.

Owner Taking Figures.
RESIDENCES Cost, \$14,000
OAKLAND, Alameda Co., Cal. Hopkins Street.
Two one-story 8-room duplex residences.
Owner—A. J. Pollard, 75 Plaza St., Berkeley.
Architect—W. W. Dixon, 1840 Park Blvd., Oakland.

Excavating Bids Wanted
RESIDENCE Cost \$30,000
SAN JOSE, Santa Clara Co., Cal., Mt. Hamilton Foothills.
Two-story frame and stucco residence.
Owner—Withheld.
Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
Working drawings are now being prepared and bids will be called for in 30 days for a general contract.

Completing Plans—Ready For Bids In About A Week.
RESIDENCE Cost, \$40,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and brick veneer residence (20 rooms, 5 baths).
Owner—L. F. Lennox.
Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.

Plans Being Completed.
RESIDENCE Cost, \$12,000
WALNUT CREEK, Contra Costa Co., Cal.
Two-story and basement frame residence (9 rooms, 2 baths. Spanish type).
Owner—Elvin Lea.
Architect—Raymond De Sano and Lynn Bedwell, 271 10th St., Richmond.
Plans will be ready for bids March 1st.

Completing Plans.
BUNGALOWS Cost, \$5000 ea
OAKLAND, Alameda Co., Cal. Twenty-first Ave. and E-Fourteenth St.
Two one-story frame and stucco bungalows.
Owner—Chas. Carlson.
Architect—Guy L. Brown, American Bank Bldg., Oakland.
General bids will be taken shortly.

Plans Being Prepared
RESIDENCE Cost \$12,000
BAYWOOD, San Mateo Co., Crystal Springs Road.
Two-story frame and stucco residence, Spanish type.
Owner and Builder—B. E. George, premises.
Architect—Grimes & Scott, Balovich Bldg., San Mateo.
Sub-bids will be taken shortly.

Sub-bids Being Taken
RESIDENCES Cost \$12,000 each
SAN MATEO, San Mateo Co., Cal. Baywood, Crystal Springs rd.
Two 2-story frame and stucco residences Spanish type.
Owner and Builder—B. E. George, premises.
Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.
Sub-bids will also be taken shortly on two residences to be erected on adjoining property.

Contract Awarded.
RESIDENCE Cost, \$20,000
OAKLAND, Alameda Co., Cal. S Brookdale Ave. W 38th Ave.
One-story 20-room frame and stucco residence.
Owner—Lorana Peterson, 2233 Telegraph Ave., Oakland.
Architect—A. W. Smith, 1st National Bk. Bldg., Oakland.
Contractor—Guy Taylor, 1738 Parker St., Berkeley.
Building permit applied for.

Plans Being Prepared.
RESIDENCE Cost, \$14,000
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Park No. 2.
One-story frame and stucco seven-room residence with shingle roof.
Owner—J. G. Mindnich, 1360 Columbus St., Burlingame.
Architect—Clarence W. Jackson, 1st National Bank Bldg., San Mateo.
NOTE:—Owner will erect building.

BEL-AIR, Cal.—Ashton & Denny, 3902 W. 6th St., Los Angeles, taking bids for two-story and basement Italian type residence at Bel-Air, for Mr. and Mrs. Harley

A. Sill; twenty rooms and large ballroom frame and stucco construction; c \$200,000.

SCHOOLS

ADMINISTRATION BLDG. Cost, \$200
OAKLAND, Alameda Co., Cal. Sec Ave. and E-Tenth St.
Three-story reinforced concrete administration building.
Owner—City of Oakland Board of Education.
Architect—William Knowles, 1214 Webster St., Oakland.

Plans Being Completed
BUILDING Cost, \$250
BERKELEY, Alameda Co., Cal. University Campus.
Five-story reinforced concrete building (Life Sciences).
Owner—University of California.
Architect—Geo. W. Kelham, 315 Montgomery St., San Francisco.
Bids will be called for shortly.

Plans Completed—Bids To Be Called Shortly.
SCHOOLS, ETC. Cost, \$300
IONE, Amador Co., Cal.
Three two-story brick and concrete buildings; school, custodial building and receiving hospital building (Fenton School of Industry).
Owner—State of California.
Architect—Dean & Dean, California State Life Bldg., Sacramento.

Completing Plans
GYMNASIUM Cost \$90,000
OAKLAND, Cal., McClymonds school.
Brick gymnasium building, 7 classrooms seating capacity 210.
Owner—City of Oakland Board of Education.
Architect—Building and Grounds Department, Board of Education.

OAKLAND, Cal.—Following bids were received Feb. 21 by John W. Edgemoor secty., Board of Education, for construction of Hawthorne Assembly building, 1-story brick structure. Plans were prepared by the Building and Grounds Department. Alternate is for substituting cast stone for terra cotta, deduct.
Alfred Olsen, 2427 McKinley ave., Berkeley\$43,153 \$20
J. D. Bishop 44,847 21
Joe Piasecki 47,712 23
B. F. MacIntyre 48,440 23
J. E. Branagh 49,750 24
Geo. Swanstrom 51,900 14
Bids taken under advisement.

Commissioned To Prepare Plans.
SCHOOL Cost, \$45,000
FAIR OAKS, Sacramento Co., Cal.
One-story brick school building.
Owner—Fair Oaks Grammar School District.
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
A bond election will be called shortly.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Final Plans Approved—Bids to be Called For in a Few Days.
SCHOOL Cost \$25,000
(KLAND, Alameda Co., Cal., Camden Ave. School.
(e-story 4-room brick school (Frick Annex).
Owner—City of Oakland Board of Education.
Architect—Building and Grounds Dept., Board of Education.

Final Plans Approved—Bids to be Called for Shortly
SCHOOL \$25,000
(KLAND, Alameda Co., Cal., Kraust Ave. School.
(e-story 4-room brick school (Frick Annex).
Owner—City of Oakland Board of Education.
Architect—Building and Grounds Dept., Board of Education.

Revised Plans Approved—Bids to be Called for Shortly.
SOP BLDG. Cost \$100,000
(KLAND, Alameda Co., Cal., SW Hopkins and Park Blvd.
Reinforced concrete shop building.
Owner—City of Oakland Board of Education, 211 City Hall.
Architect—Building and Grounds Dept., Board of Education.
Note—When bids were opened on Jan. 2 Sullivan & Sullivan submitted lowest bid at \$127,000. Bids were rejected as being too high.

Preparing Working Drawings.
ADDITION Cost, \$75,000
(N FRANCISCO. Block Bounded by Bacon, Goettingen, Barrow and Somerset Streets.
Ad to present school building (known as Edward Robeson Taylor School).
Owner—City and County of San Francisco
Architect—Jas. Rankin, 57 Post St., San Francisco.
Plans will be ready for bids in about three weeks.

SOLEDAD, Monterey Co., Cal.—Waters Bros., Monterey, at \$5,675 awarded contract by Soledad Union Grammar School district, to install complete steam heating plant in Grammar School. H. B. Douglas, architect, Greenfield. Other bids: Thos. J. Kennedy, Martinez, \$6,056; Anderson & Dougherty, Salinas, \$6,183; Nottingham Heating & Ventilating Co., Oakland, \$6,549.

Specifications Being Written
SCHOOL Cost \$100,000
OLLISTER, San Benito Co.
Second unit of high school buildings (2-story concrete construction).
Owner—San Benito High School Dist.
Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-1st st., San Jose.
Bids will be taken in one week.

LOS ANGELES, Cal.—Pozzo Construction Co., 421 Macy St., was awarded the general contract at \$638,875 for the erection of Chemistry building and Physics building at the Westwood Campus of the University of California at Los Angeles. Plans for the physics building were prepared by Architects Allison & Allison, Ibernian Bldg., Los Angeles. It will be three stories with high basement and will contain thirty-six laboratories, large lecture hall and two lecture rooms. The construction will be of reinforced concrete with pressed brick facing. The plans for the chemistry building were prepared by Architect Geo. W. Kelham, 15 Montgomery St., San Francisco. It will be similar in design and construction to the physics building. The estimated cost of the two buildings is \$760,000. Bids for plumbing, heating and wiring have not been received but will be taken shortly.

CHICO, Butte Co., Cal.—State Board of Education has approved plans of State Architect George B. McDougall, Forum Bldg., Sacramento, for Chico State Teachers' College to replace structures destroyed by fire. The construction program will be undertaken as follows: (1) immediate construction of a \$200,000 main classroom building; (2) recommendation to the 1929 legislature for appropriations to erect a second unit of the development program, an assembly building of undetermined size and cost; (3) recommendation to the legislatures of 1931, 1933, 1935 and 1937 for further appropriations to erect units including library and science buildings, classroom buildings and train-

ing quarters. This will distribute the cost over the 10-year period. Emergency appropriations of approximately \$125,000 will be made by the state in addition to an appropriation of \$75,000 by the 1927 legislature.

ALTURAS, Modoc Co., Cal.—Modoc Union High School District votes bonds of \$48,000 to finance erection of gymnasium and farm shop building and installation of heating plant. Plans are being prepared by Architect Ralph D. Taylor, Susanville.

FAIRFIELD, Solano Co., Cal.—Architects Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento, commissioned by Armijo Union High School District to prepare plans for new shop building; estimated cost, \$15,000.

LOS ANGELES, Cal.—Board of Education recommends bond issue for \$29,400,000 to erect new school buildings; \$12,960,000 would be allotted to the Los Angeles City School District and \$16,440,000 to the Los Angeles City High School District. Date of the election tentatively set for June 5.

LOS ANGELES, Cal.—Architects Parkinson & Parkinson, Title Insurance Bldg., preparing plans for science building to be erected for University of Southern California; four-story Class A, 120x180 ft., and will contain laboratories, lecture rooms and classrooms; reinforced concrete with selected common brick and cast stone facing, clay tile roof. Cost, \$320,000.

LONG BEACH, Los Angeles Co., Cal. J. D. Sherer & Son, 1865 E. Anaheim St., Long Beach, awarded general contract at \$102,468 to erect three-story Class A reinforced concrete administration building at 7th St. and Locust Ave., for Board of Education. Dedrick & Bobbe, Heartwell Bldg., Long Beach, architects. Other contracts are: Painting, W. B. Walters, Long Beach; \$7150; electric work, B. Hartman Electric Co., Long Beach, \$5185; plumbing, Hickman Bros., San Pedro, \$4486. Bids for heating under advisement. 146x75 feet, reinforced concrete construction.

Commissioned To Prepare Plans.
SCHOOL Cost, \$30,000
TEHAMA, Tehama Co., Cal.
One-story frame and brick veneer school building (3 classrooms and auditorium).
Owner—Tehama School District.
Architect—Starks & Flanders, Ochsner Bldg., Sacramento.
A bond election will be called shortly.

Preliminary Plans Awaiting Approval.
SCHOOL Cost, \$9000
NEAR ROSEVILLE on County Line of Placer and Sacramento Counties.
One-story frame and brick veneer school building.
Owner—Center Joint School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

VISALIA, Tulare Co., Cal. — Until March 5, 3 P. M., bids will be received by Carrie C. Swanson, clerk, Three Rivers School District, to erect two-classroom frame and stucco school. Bonds of \$14,000 voted to finance. Dean & Dean, architects, California State Life Bldg., Sacramento. Separate bids are wanted for heating system from plans of the Coddington Co., consulting mechanical engineers. Cert. check or bidder's bond 6% req. with bid. Plans obtainable from County Superintendent of Schools at Visalia on deposit of \$10, returnable. (Bids will be opened in the office of the County Supt. of Schools).

STOCKTON, San Joaquin Co., Cal.—Until March 8, 7:30 p. m., bids will be rec. by Ansel S. Williams, secy., Board of Education, San Joaquin st. and Harding way, to erect classroom building at n. w. corner of high school grounds. Peter Sala, architect, 2130 North Commerce st., Stockton. Will be three-story, of brick construction, containing 16 classrooms and cafeteria; est. cost \$200,000. Cert. check 10 per cent or bidder's bond req. with bid. Plans obtainable from architect. See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—C. F. Weber Co., at \$2.67 each, awarded contract by Board of Education to furnish 100 Vienna chairs for high school assembly hall. Other bids: H. S. Crocker Co., \$3.50; Ink Ribbon Mfg. Co., \$3.75.

AVALON, Los Angeles Co., Cal.—G. C. Whittle, in conjunction with The Catalina Island Co., D. M. Rentoi, general manager, have had sketches prepared for a group of school buildings to be erected at Avalon for a new military academy to accommodate 200 boys; probably be 11 buildings, including stables; \$200,000.

BANKS, STORES & OFFICES

Plans Ready for Bids in One Week
STORE Cost \$—
SAN FRANCISCO, Phelan Bldg.
Alterations to store, new fronts, fixture work.
Owner—Paul Carroll.
Architect—Gottschalk & Rist and A. I. Coffey, Phelan Bldg.

Plans Being Figured
STORE BLDG. Cost \$30,000
MODESTO, Stanislaus Co., Cal., Eleventh and I sts. (75x30 ft).
One-story reinforced concrete store bldg.
Owner—Elias-Harris Building (Sol P. Elias).
Architect—Russell Guerne De Lappe, 1710 Franklin st., Oakland.
Segregated bids are being taken.

OAKLAND, Alameda Co., Cal.—W. J. Burke Co., 200 Davis st., San Francisco, were awarded the Williams Form Clamp contract by the Clinton Construction Co., 923 Folsom st., S. F., in connection with the construction of the 3-story class B wholesale drug warehouse and office bldg. It is being erected on Ninth and Castro sts., Oakland, from plans prepared by Architect Henry H. Meyers, Kohl Bldg., S. F., for Langley & Michaels.

Contract Awarded.
STORE BLDG. Cont. Price, \$8470
BERKELEY, Alameda Co., Cal. W. Domenga Ave. N Ashby Ave.
One-story frame store building.
Owner—J. Dimmer, Monadnock Bldg., San Francisco.
Architect—None.
Contractor—S. J. Bartelsen, Piedmont.

RENO, Nevada—Calavada Automobile Co., Ford Agency, has had plans prepared and construction will be started shortly on a one-story and basement, 90 by 140 feet, service and autosales rooms at Fourth St. and University Ave. Steel, concrete and brick construction; estimated cost, \$75,000.

EUREKA, Humboldt Co., Cal.—Mercer-Praser Co., Eureka, at approx. \$35,000 has contract to erect 1-story and basement with mezzanine floor building at 6th and G sts. for Montgomery Ward & Co., nationally known mail order house.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KERNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
 HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

To Be Done By Day's Work.
STORE BLDG. Cost, \$22,000
OAKLAND, Alameda Co., Cal. W Lake-
shore Ave. S Mandana Blvd.
One-story brick store building.
Owner and Builder—F. T. Malley, 3788
Lakeshore Ave., Oakland.
Architect—A. W. Smith, 1st National Bk.
Bldg., Oakland.

Plans Being Prepared.
STORE BLDG. Cost, \$—
VALLEJO, Solano Co., Cal. Opposite new
City Hall.
One-story fireproof store building, 55x
60 feet.
Owner—W. F. Horan, Vallejo.
Architect—W. A. Jones, 403 Alameda St.,
Vallejo.

Contract Awarded
MARKET Cost \$80,000
SAN JOSE, Santa Clara Co., Cal., The
Alameda.
One-story and basement reinforced con-
crete market bldg.
Owner—F. E. Damon.
Architect—Jos. L. Stewart, Claus Spreck-
els Bldg.,
Contractor—Leibert & Trobeck, 185 Stev-
enson st., S. F.

Completing Plans—To Take Bids in
About a Month
STORE BLDG. Cost, \$150,000
REDWOOD CITY, San Mateo Co., Cal.,
Broadway, opp. Courthouse.
One and two-story Class C store building.
Owner—Hare, Brewer & Clark, Inc., 130
University Ave., Palo Alto.
Architect—Reid Bros., 105 Montgomery
st., San Francisco.
These stores will be erected in con-
junction with a Class A theatre covering
property 200x265 feet. Total cost, \$300,-
000.

LOS ANGELES, Cal.—Architects Morgan,
Walls & Clements, 1134 Van Nuys
Bldg., taking bids for one-story Class C
drive-in market building at Pico Blvd. and
Rimpau Ave. for Rimpau Estate. Spanish
style; 220x24 feet, brick walls.

Contract Awarded
STORE Cost \$3,000
SAN FRANCISCO, SE Chestnut and
Steiner sts.
One-story reinforced concrete store bldg.
Owner—I. Weinstein, 1035 Montgomery
street.
Architect—Hyman & Appleton, 68 Post.
Contractor—Jacks & Irvine, Call Bldg.
Building permit applied for.

Sub-bids Being Taken
STORES Cost \$7000
SAN FRANCISCO, N Irving 45 W 39th
avenue.
One-story frame and stucco store bldg.,
3 stores.
Owner and Builder—Thomas Scoble, 236
Kearny st.
Architect—E. E. Young, 2002 California
street.
Building permit applied for.

Completing Plans
ADMINISTR. BLDG. Cost \$—
RICHMOND, Contra Costa Co., Cal.
One-story reinforced concrete adminis-
tration bldg.
Owner—Petroleum Securities Co. (Frank
R. Seaver, pres.) Richmond.
Plans by G. W. Wood, Richmond.
Bids will be taken in a week for a
general contract.

Planned
BAKERY Cost \$400,000
OAKLAND, Alameda Co., Cal., 4th and
Jackson sts. (75,000 sq. ft.)
Four-story and basement reinforced con-
crete bldg. (bakery, refrigeration
plant, etc.)
Owner—Skaggs-Safeway Stores, Oakland.
Architect—Not selected.

LONG BEACH, Los Angeles Co., Cal.
—The Medico-Dental Building Co. of
Long Beach has revived its project to
erect an eight-story Class A reinforced
concrete store and office building at
Eighth St. and Pine Ave. and has advised
the city council that work will be started
in two weeks. It is stated that the pro-
ject will be financed by the Mortgage
Guaranty Co. of Los Angeles and that
Kenneth L. Colborn Co., Pacific South-
west Bank Bldg., Pasadena, will be the
contractor. Dedrick & Bobbe, Long
Beach, are the architects.

Sub-contracts Awarded
LOFT BLDG. Cont. price \$26,056
OAKLAND, Alameda Co., Cal. Nine-
teenth and Webster sts.
Two-story class C loft bldg.
Owner—Dr. R. N. Blanquie, 934 Warfield
ave., Oakland.
Architect—A. Froberg, 505 17th st., Oak-
land.
Contractor—Clinton Constr. Co., 923 Fol-
som st., S. F.
Lumber—Sunset Lumber Co., foot of Oak
st., Oakland.
Tile Roofing—Eckhardt & Ferrabdd, 354
Hobart st., Oakland.
Structural steel—Herrick Iron Works,
18th and Campbell sts., Oakland.
Painting—Artistic Painting Co., 470 Treat
ave., S. F.
Ornamental iron—Monarch Iron Works,
262 7th st., S. F.
Marble—Ray Cook Marble Co., foot of
Powell st., Oakland.
Glass—Cobbledick Kibbe Glass Co., 301
Washington St., Oakland.
Plumbing—Carl T. Doell, 467 21st st.,
Oakland.

Specifications Being Written
BANK Cost \$20,000
SAN FRANCISCO, Diamond and Bos-
worth sts.
One-story frame and stucco bank bldg.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy
Bldg.

Contract Awarded
SACRAMENTO, Sacramento Co., 10th &
K St.
Nature of Work—Remodel dining room
of Hotel Sacramento.
Owner—Hotel Sacramento.
Lessee—John Tait, Phelan Bldg., S. F.
Contractor—Mullen Mfg. Co., 64 Rausch
St., S. F.

Sub-Bids Being Taken.
BANK BLDG. Cost, \$40,000
CORCORAN, Kings Co., Cal.
One-story reinforced concrete bank and
store building, 46x60 feet.
Owner—First National Bank of Corcoran
Bldg., San Francisco.
Contractor—Lawton & Vezey, 354 Hobart
St., Oakland.

Contract Awarded
LOFTS Cost \$15,000
SAN FRANCISCO, S Tehama st. W 5th.
Two-story reinforced concrete loft bldg.
Owner—Meyer's Safety Switch Co., 419
Tehama st.
Architect—None.
Contractor—Mission Concrete Co., 666
Mission st.

Plans Complete
MARKET Cost \$80,000
SAN JOSE, Santa Clara Co.
One-story, basement and mezzanine floor
market bldg., 100 x 138 ft., Spanish
type.
Owner—Withheld.
Architect—Joseph L. Stewart, Claus
Spreckels Bldg., San Jose.
Lessee—F. E. Damon.
Bids are in and will be awarded with-
in a few days.

Preparing Preliminary Plans
AUTO BLDG. Cost \$40,0
OAKLAND, Alameda Co., Cal., Broa-
way (200 x 110).
One-story steel frame and brick au-
sales bldg.
Owner—Withheld.
Architect—Clay N. Burrell, American B
Bldg., Oakland.
Lessee—Chrysler Agency.

Plans Being Prepared
STORES Cost \$10,0
OAKLAND, Alameda Co.
One-story reinforced concrete store bldg
3 stores.
Owner—Withheld.
Architect—Guy L. Brown, American B
Bldg., Oakland.

Plans Being Prepared
OFFICE BLDG. Cost \$—
REDWOOD CITY, San Mateo Co., Ca
Broadway opp. Standard st.
Two-story reinforced concrete store an
office bldg.
Owner—A. J. Fromm, Main and Broad-
way, Redwood City.
Architect—Birdge M. Clark, 310 Univers
ity ave., Palo Alto.
Lessee—United Cigar Sales Agency.
Plans will be ready for bids in about
2 weeks.

Sub-Bids Being Taken.
OFFICE BLDG. Cost, \$25,00
MOND, Contra Costa Co., Ca
Twenty-third St. and Macdonald Av.
Two-story reinforced concrete office an
flat building (2 flats).
Owner and Builder—Burg Bros., Inc., 30
23rd St., Richmond.
Architect—W. W. Dixon, 1804 Par
Blvd., Oakland.

Plans Being Figured.
STORE BLDG. Cost, \$—
SAN FRANCISCO, Howard St. nea
Fourth St.
Two-story reinforced concrete stor
building, 50x80 feet.
Owner—Bingley Photo Engraving Co
Call Bldg., San Francisco.
Architect—W. H. Crim, 425 Kearny St
San Francisco.

MERCED, Merced Co., Cal.—Director
of Merced Irrigation Dist. are consider-
ing preliminary plans for one or two
story office building to be erected at
18th and K sts; estimated cost \$23,750.
Definite action on plans deferred.

BAKERSFIELD, Kern Co., Cal.—Clar
Gramling, Bakersfield, at approx. \$10,
000, has contract to erect one-story brick
56x60 ft. (3) stores adjacent to alley 1
L st. bet. 18th and 19th sts., for Harold
Dewey of Pomona.

Plans Being Completed.
ALTERATIONS Cost, \$—
SAN FRANCISCO, No. 779 Market St.
Alter present theatre building for marke
Owner—Thomas Magee, 60 Sutter St., San
Francisco.
Architect—Miller & Pfueger, 580 Marke
St., San Francisco.
Lessee—Shapiro Bros., 945 Market st.
San Francisco.
Bids will be taken in a few days.

THEATRES

SOUTHERN CALIFORNIA—The Prin-
cipal Theatres, Inc., 621 S. Hope St., Los
Angeles, Sol Lesser, president, will build
twelve theatres at various locations in
Southern California. A number of sites
are under consideration and plans are
now being prepared by Architect Carl J.
Weyl, 6536 Sunset Blvd.; brick and steel
construction and will accommodate about
600 people each; the cost will be approxi-
mately \$50,000 each. Work will be done
by general contract.

Structural Steel Contract Awarded
THEATRE Cost \$—
SAN FRANCISCO, SW Chestnut and
Steiner sts.
Two-story class A theatre building (1500
seating capacity).
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgom-
ery st., S. F.
Lessees—Edward Barron and Carol A.
Nathan, 221 Golden Gate ave.
Contractor—Industrial Const. Co., 815
Bryant.
Structural steel—Pacific Structural Iron
Works, 370 10th st.

What architects and all who build have
learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously
by brush or spray application to achieve the
best result at the minimum cost to the owner.

A. Quandt & Sons

Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job
as well as the large. *Pioneers and Special-
ists in the application of Lacquer in the
architectural field. Complete decorative
color schemes designed and furnished.
Advice for technical painting requirements
furnished. Our operations are state-wide.*

FRESNO, Fresno Co., Cal. Earl B. Swcomb, manager of construction, Fresno, awarded above contracts to E. A. Newman Co., and C. E. McMullin, Fresno, in connection with the construction of a Class A reinforced concrete theatre building. It is being erected in Fresno, Alexander Pantages, from plans prepared by Architect B. Marcus Friteca, Pantages Building, Fresno. Other awards reported Jan. 4, 1928.

AVALON, Los Angeles Co., Cal.—The Talina Island Co., D. M. Renton, general manager, will shortly start construction on the new theatre building. Weber & Spaulding, architects, 627 Carondelet st., Los Angeles; auditorium will at 2000 people, large dance hall will occupy the second floor, 230x230 ft., reinforced concrete, brick and steel construction; cost \$600,000.

Structural Steel Contract Awarded.
THEATRE Cost, \$93,000
SAN FRANCISCO, San Mateo Co., Cal.
One-story steel frame and concrete theatre and store building (2 stores, theatre seating 1250).

Owner—Jefferson Theatre, E. Baron and Carol Nathan, proprietors.
Architect—C. H. Jensen, 605 Market St., San Francisco.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco.
Structural steel—Dyer Bros., 17th and Kansas Sts., San Francisco.

Completing Plans—Ready for Bids in About Ten Days

THEATRE Cost, Approx. \$150,000
SAN FRANCISCO, Marin Co., Cal., NW Fourth and Lootens Place.
Two-story concrete and terra cotta theatre and store building (seating capacity 1500; 4 stores).
Owner—Jacob Albert, Fourth and B Sts., San Rafael.
Architect—Reid Bros., 105 Montgomery st., San Francisco.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured—Bids Close Feb. 27, 1928, 4.30-5.30 p. m.

ANGAR Cost \$—
OAKLAND, Alameda Co., Cal., Oakland airport hangar No. 37.
Concrete foundation and concrete floor slabs, 120x200 for proposed mill constructed hangar.

Owner—Board of Port Commissioners of City of Oakland, 424 Oakland Bank Bldg., G. B. Hegardt, secy.
Architect—Owners.

Note—Bids for the superstructure will be called for in about a month.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to install 60,000 traffic lane markers in various sections of the city.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works for painting 500 Carter Arterial stop signs in various sections of the city.

DORMITORY Cost approx. \$350,000
BERKELEY, Alameda Co., Cal. Rim road east of Greek Theatre and north of Stadium.

Two, three, four, five, six and seven-story class A girls' dormitory (Bowles Dormitory).

Owner—University of California.
Architect—Geo. W. Kelham, 315 Montgomery st., San Francisco.

Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Steel Windows—Truscon Steel Co., Sharon Bldg., S. F. \$8600.

Painting—The Neal Co., 447 Ivy st., S. F. \$11,900.

Tile Work—The Rigney Tile Co., 66 Mission st., S. F. \$4797.

Concrete Floor Hardener—J. E. Rodgers & Co., 55 New Montgomery st., S. F. \$2075.

Roofing—Alta Roofing Co., 225 Gough st., S. F. \$6428.

As prev. rep.

Plumbing and heating—The Turner Co., 329 Tehama st., S. F.

Electric wiring—Ne Page-McKenney Co., 128 10th st., Oakland.

Elevators—Otis Elevator Co., 1 Beach st., S. F.

Reinforcing steel—Steel Service Co., 1280 Indiana st., S. F.

Excavating awarded to J. Catucci, 1212 8th ave., Oakland.

Lumber Contract Awarded.
STABLES Cost, \$10,000
BURLINGAME, San Mateo Co., Cal.
Polo pony stables.
Owner—Hugh Tevis.
Architect—Willis Polk Co., 277 Pine St., San Francisco.
Contractor—George Wagner, 181 South Park, San Francisco.
Lumber—South City Lumber Co., Railroad & Spruce Sts., South San Francisco.

PLACERVILLE, El Dorado Co., Cal.—Directors of El Dorado County Farm Bureau has approved proposal to establish an agricultural club and woman's rest camp in Hazel Valley. A swimming pool will also be included in the project.

FRESNO, Cal.—H. G. Garges has prepared plans for a reinforced concrete laundry building to be erected at Broadway and Inyo Sts. for Kohler Laundry, R. A. Pickford, manager; 75x100 ft. with pressed brick and plate glass front. Cost, \$35,000.

SAN FRANCISCO—Until Feb. 29, 3 P. M., bids will be rec. by Board of Public Works to const. Section B, under Contract No. 3, Bayshore Blvd., bet. Silver and Paul Aves.; estimated cost \$200,000. Project involves 141 cu. yds. Class B 2500 lbs. concrete in pedestrian subway; 13,569 lbs. bar reinf. steel (to be fur. and placed in pedestrian subway) including all appurtenant works. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

CHICO, Butte Co., Cal.—Chamber of Commerce will raise \$5000 to finance construction of Memorial Athletic Field and grandstand. A grandstand seating 1000 with bleachers seating 1600 is proposed.

GRENADA, Siskiyou Co., Cal. — Until March 5, 1:30 P. M., bids will be received by Victor Bovo, Secty., Big Springs Irrigation District, to construct two pumping plants, seven flumes, one ditch and minor project units; also to furnish cement, lumber, reinforcing steel; metal flumes and concrete pipe. Specifications obtainable from Secty. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—General Electric Co., San Francisco, at \$8041 awarded contract by city to furnish Novalux Veriflux automatic traffic signals at twelve street intersections. Bids will be asked at once for installation, estimated cost, \$8000.

WILLOWS, Glenn Co., Cal.—County supervisors will co-operate with city trustees of Willows to finance construction of a municipal airport. Sit is located on Pacific Highway; is one mile in length and ¼ mile in width.

STOCKTON, San Joaquin Co., Cal.—Stockton Athletic Club, Sam Aaron, president, is having plans prepared for a prize fight arena to be erected in South Sutter street near the Mormon Channel; estimated cost \$30,000. Will have seating capacity for 3000 persons, will be

SALINAS, Monterey Co., Cal.—City plans early construction of municipal swimming pool. Howard Cozzens, city engineer.

FORT BRAGG, Tehama Co., Cal.—Fort Bragg Community Club will spend \$1500 to install filtering system in community swimming pool.

SAN FRANCISCO—Standard Oil Co. rejects bids to const. Diesel-electric tanker and new specifications will be prepared; estimated cost \$2,000,000. Specifications will call for dead-weight capacity of 13,000 tons, sufficient to carry 90,000 barrels of oil. The tanker will be propelled by four 1000 horsepower Busch-Sulzer Diesel engines. It will be approximately 500 feet long, 65-foot beam, operating on a single screw.

REDDING, Shasta Co., Cal.—Redding Chamber of Commerce has taken option in 12 acres of land on the north bank of the Sacramento river on which will be constructed a concrete grandstand with a seating capacity of 3000 persons.

RED BLUFF, Tehama Co., Cal.—Tehama County Fair Committee, J.F. Eller, Secretary, announces construction will be started shortly on dance platform, 40 by 100 feet.

SAN LUIS OBISPO, Cal.—Following is a complete list of bids together with awards of contract in connection with National Guard training camp to be erected at San Luis Obispo (successful bidders are noted in black face type):
Item 1, general; 2, electrical; 3, plumbing and piping; 4, complete mechanical; 5, combined general and mechanical.
Carl N. Swenson, item 1, \$91,997.
Pozzo Construction Co., item 1, \$106,085.

J. A. Bryant, item 1, \$96,294.
Sullivan & Sullivan, \$99,800.
F. L. Hansen, item 1, \$96,400.
E. K. Nelson, item 1, \$91,975.
Theo. Maine, item 1, \$95,241.
Acme Construction Co., item 1, \$94,437.
Johnson Construction Co., item 1, \$103,897.

Edred F. Greenfield Co., item 1, \$95,478.
John Simpson & Co., item 1, \$107,700.
Larsen & Larsen, item 1, \$99,976.
C. D. Reimer & Son Co., item 1, \$89,970.
D. G. Johns, item 5, \$137,999.
Alfred L. Vezina, item 1, \$104,142.
Fredrickson & Watson Construction Co., item 1, \$100,150; 5, \$153,156.

J. F. Shepherd Co., item 1, \$88,974.
James Currie, item 5, \$138,845.
Wm. P. Serpa, item 3, \$55,937.
Hateley & Hateley, Sacramento, item 3, \$49,555, accepted.

Latourrette-Fical Co., item 4, \$56,715.
Thomas Haverly Co., item 3, \$59,222.
Walter H. Smith, item 4, \$58,997.
Scott Co., item 3, \$51,140.
Schuler & McDonald, item 1, \$89,000; 5, \$144,700.

Matson-Seabrooke Co., item 2, \$4,997.
T. L. Rosenberg Co., item 2, \$4,650.
Moore Electric Co., item 2, \$4,600, accepted.

Scott-Buttner Electric Co., item 2, \$7,100.

Roy M. Butcher, item 2, \$5,440.
Pacific Electric Construction Co., item 2, \$6,450.

Newberry Electric Corp., item 2, \$4,933.
R. R. Jones Electric Co., item 2, \$5,530.
California Electric Co., item 2, \$7,573.
Sweeney & Sons, item 3, \$79,823.55.
C. G. Ritchie, alt., \$18,929.13, incomplete.

R. E. Burgund, 906 Rodeo st., Beverly Hills, Cal., item 1, \$70,928, accepted; 4, \$64,500; 5, \$135,428.

The project will comprise a group of frame and galvanized iron structures for a National Guard Training Camp. The work will be in furtherance of a three-year building program, with a total outlay of \$400,000 entailed. The first year's work will provide for completion of a 1,500,000 gallon reservoir, complete sewer and water system, 17 mess halls and kitchens, an electric lighting system and military structures, including warehouses and tent platforms.

Preliminary Plans Complete—Working Drawings to be Started Immediately.
HOME Cost \$250,000 (\$350,000 with furn. and equip.)

OAKLAND, Alameda Co., Cal., NW 15th and Castro sts.

Six-story class A steel frame and joists concrete and brick veneer exterior (250 rooms, lobby, reception, room, library, cafeteria, solarium on roof).

Owner—Industrial Homes Corp., 1555 San Pablo ave., Oakland.

Architect—Guy L. Brown, American Bk. Bldg., Oakland.

Included in the members of the advisory board are: Mrs. F. L. Burckhalter, president of the East Bay Girl's Service Club; Mrs. Josephine Swan White, president of the Business and Professional Women's Club; Mrs. Helen Swett Artieda of the Public Welfare League; Mrs. I. N. Hanrahan, president of the Catholic Ladies' Aid; Mrs. F. Vincent Wright, president of the Big Sisters; Mrs. Margaret Gorman, president of the West Oakland Ladies' Aid; Rev. George W. Phillips, Tenth Avenue Baptist Church; Dr. Edgar A. Lowther, First Methodist Church; Mrs. Florence Hill, county juvenile authority, and Guy E. Needham of the Montgomery Ward Co.

PLANNED

MOUNTAIN VIEW, Santa Clara Co., Cal.—City declares inten. to imp. portions of Latham st., Church st., Villa st., Bush st., etc., involv. conc. curbs; conc. and corr. iron segmental culverts; conc. pipe storm drain; conc. catchbasins; conc. manholes; c. i. pipe water mains; grade; Warrenite-Bit. pave. 1911 Act, Bond Act 1915. Protests March 7. B. L. Hays, city clerk. C. C. Kennedy, city eng.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission St., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

D-2763—Fabricated Reinforced Concrete. New York, N. Y. Manufacturers of fabricated reinforced concrete for masonry wall construction are desirous of securing suitable sales representation for their product in San Francisco and surrounding territory.

D-2765—Oregon Representation. Portland Ore. Established manufacturers' agent desires contact with San Francisco manufacturers of building material products, who wish to extend their market to the Portland district.

D-2766—Cork Waste. San Francisco, Cal. Manufacturer desires outlet for cork waste. Local manufacturers of cork products utilizing ground cork as a raw material may be interested in this source.

D-2771—Fruit Graders, Box Presses and Gravity and Power Conveyors. Portland, Ore. Manufacturers of fruit graders; also box presses and gravity and power conveyors with a San Francisco firm or individual to represent them in the distribution of the above-named products in this territory.

D-2772—Incinerators. Buffalo, N. Y. Manufacturers of a line of chimney-fed incinerators, suitable for installation in schools, hospitals, hotels, apartment houses, homes, etc., wish to locate a suitable concern to handle their line in this city.

D-2773—Sales Representation. Chicago, Ill. National distributors for several large organizations are anxious to get in touch with San Francisco companies whose manufacturing facilities exceed their marketing and selling.

D-2776—Alder Lumber. Astoria, Oregon. Producers of kiln dried alder lumber, log run, not edged, and of good quality and texture, seek connections with San Francisco furniture manufacturers or other interested users of this type of wood.

D-2777—Representation in the Southwest. Dallas, Texas. Distributing company is seeking contact with a manufacturer who is looking for a distributor in the southwest who knows how to organize a sales force, handle the advertising and put his product on the market.

12705 — Glass Manufacturers. Luenen, Germany. Manufacturers of glass lighting fixtures (globes, bowls), drinking glasses and novelties of glass, wish connections with wholesalers and agents in San Francisco.

12707—Sales Representation in Spain. Madrid, Spain. Company has recently been established for the purpose of carrying on a general export and import business, assuming the representation of exclusive sales agency of American manufacturers and firms desirous of opening the markets of Spain for their products. Members of concern have excellent business connections.

12710—Ice-Making Machinery. Manila, P. I. Concern is interested in receiving prices and catalogs from manufacturers of ice-making machinery, ranging from household size to 30 tons.

12711—Reed and Grass Furniture. Brooklyn, N. Y. Furniture wholesalers and factory representatives are interested in handling a line of Chinese reed and grass furniture and they desire to get in touch with San Francisco importers of that type of furniture.

12714—Cedar Slats for Pencils. Yokohama, Japan. Company is interested in purchasing cedar slats for the manufacture of pencils and wishes to secure offers and samples from San Francisco concerns.

12715—Australian Representation. San Francisco, Cal. Australian salesman of integrity with excellent sales record, having connections in the principal cities in Australia, is now in San Francisco and wishes to interest an American firm, with a view of representing them in Australia. Has had experience in leather-goods, draperies and radio accessories. Big business assured with large responsible firms. Prefers to work on commission basis with drawing account.

12718—Mexican Tiles and Decorated Pottery. Los Angeles, Cal.—Company seeks connections with a San Francisco firm or individual interested in distributing a line of hand-decorated glazed imported Mexican tile, a high-grade roof tile and a line of pottery attractively designed in imitation of the Egyptian and American Indian styles.

31

SAN JOSE ENGINEERS ELECT

Temporary offices of the Engineers' Club of San Jose were elected at a meeting in the Commercial Club, that city, last week. W. H. Hall was elected president; John S. C. Ross, vice president; and M. H. Antonacci, secretary-treasurer.

Following the election of officers, C. T. Keefer of the Cement Gun Construc-

tion Co. delivered an interesting talk on the use of the cement gun in the construction field. Albert J. Capron, secretary of the Society of Engineers (San Francisco Bay District) discussed engineers' license laws.

CIVIL SERVICE EXAMINATION

U. S. Civil Service Commission announces examinations will be held shortly for the position of Architect, paying \$3800 a year; Associate Architect, \$3000 and Assistant Architect, \$2400. Applications must be filed with the commission at Washington, D. C., not later than March 27. Further information obtainable from offices of the commission in the principal cities throughout the country.

Hauser Window Company

Manufacturers of

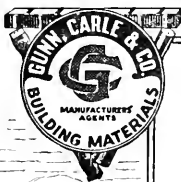
Semi Reversible Casement Type Window Hardware
Full Reversible Casement Type Window Hardware
Full Reversible Awning Type Window Hardware
Multiple Operated Awning Type Window Hardware
Mechanically Operated Awning Type Window Hardware

Office and Factory:

1370 Harrison Street

San Francisco, Calif.

Phone: Hemlock 1062



K I N N E A R ROLLING DOORS

Built to meet every requirement; used in every type of building; in large warehouses, piers, factories, garages and for aeroplane hangars. Made to operate by hand, mechanically and electrically.

Our engineer will be glad to advise with you regarding your requirements.

GUNN, CARLE & CO.

444 MARKET ST. Phone SUTTER 2720
SAN FRANCISCO



Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—Until March 14, 12 noon, (to be opened 1:30 P. M.), bids will be rec. by W. S. Coulter, county clerk, to const. sidewalk on river bridge at Guerneville, 5th Supervisor Dist., involy. 50 cu. yds. unclassified excavation; 102.5 cu. yds. "A" and 34.5 cu. yds. "D" conc.; 21,000 lbs. reinf. steel; 54,000 lbs. structural steel. Est. cost \$8950. Plans obtainable from E. A. Peugh, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Until March 5, 11 a. m., bids will be rec. by Rob. E. Graham, county clerk, to const. three bridges on Bolinas to Olema rd., involy. 108 cu. yds. A conc.; 11,500 lbs. reinf. steel in place. Cert. check 10 per cent req. with bid. Plans obtainable from Rodney Messner, county surveyor.

ALAMEDA COUNTY, Cal.—Resolutions of intention to award a transbay bridge franchise to T. A. Tomasini, Larkspur, with certain modifications, have been passed by the Alameda County Supervisors. The proposed bridge will cost \$18,750,000. It will take about 3½ years to complete. Erle L. Cope, consulting engineer, 216 Pine St., San Francisco.

OAKLAND, Cal.—County Surveyor Geo. A. Posey preparing plans to repair Park st. and High st. bridges.

SAN RAFAEL, Marin Co., Cal.—County Surveyor Rodney Messner preparing plans for bridge on Wilson ave. at Novato in Rd. Dist. No. 5.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BAKERSFIELD, Kern Co., Cal.—Stroud Bros., Bakersfield, at \$10,876 sub. low bid to city for imps. at Arroyo Ditch. Other bids: Dean & Stroble, Bakersfield, \$11,000; Nighbert & Carnahan, Bakersfield, \$11,725. Taken under advisement.

LONG BEACH, Cal.—Major R. G. McGlone, city harbor engineer, recommends \$2,750,000 bond issue for harbor improvements.

LIGHTING SYSTEMS

MADERA, Madera Co., Cal.—D. S. McEwan, Long Beach, at \$9870 awarded cont. by city to install electrolier system in F St.

MACHINERY AND EQUIPMENT

STOCKTON, San Joaquin Co., Cal.—Robertson & Lauritzen at \$6190 sub. low bid to county supervisors to construct ferry boat to be operated in the San Joaquin Delta. Other bids, all taken under advisement, were: M. A. Jenkins, \$6930; Colberg Boat Works, \$7000; General Engineering & Drydock Co., \$7050; Robertson Shipyard, \$8930.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 23, 9 a. m. (to be opened at 9:30 a. m.), bids will be rec. by S. A. Evans, city clerk, to fur. 4-cylinder gasoline motor driven tractor having motor speed rating not to exceed 850 rpm. 25-draw bar horse power with 3-speeds forward and one speed reverse. Tracks and rollers shall be dropped forged steel with 12-inch track shoes; to weigh not less than 9000 lbs. Delivered f. o. b. Santa Cruz. Cert. check or surety bond 10 per cent req. with bid. Roy Fowler, city eng.

OAKLAND, Cal.—Prescott Co., Seattle, at \$1200 awarded cont. by City Port Commission to fur. and del. 4 dock tractors.

RAILROADS

FRESNO, Fresno Co., Cal.—Minarets and Western R. R. denies report that company plans to extend r. r. from present terminus at Bass Lake through Minaret Pass to connect with main line east. The denial is made by B. A. Cannon, general manager.

EUREKA, Humboldt Co., Cal.—City rejects bids to reconstr. Municipal Railway system bet. I and K Sts. Work indefinitely postponed.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$6990 awarded Cont. by city to reconstr. municipal railway in Fifth St., bet. K and Myrtle Avenue.

OROVILLE, Butte Co., Cal.—Expenditures of \$484,800 for imps. to the Western Pacific Railroad in Oroville and in the Feather River Canyon are announced by T. E. Coyle of Sacramento, division superintendent. Of this amount \$425,000 will be spent in the Feather River Canyon and the remainder, \$59,800, will be expended in Oroville. Improvements near Oroville consist largely of two permanent concrete and steel bridges over Huntton and Lincoln streets to replace the present wooden structures. Additional track and machinery at the round house will conclude the remainder of the program for Oroville. Construction of new buildings, including a new station at Belden, laying of ballasting rock, passing sidings and new rails, construction of concrete retaining walls and concrete work in tunnels comprise the program for the canyon. Work in the canyon, just beginning now, is expected to be in full swing by April 1. Construction work in Oroville on the two bridges and of laying new steel at the terminal is expected to start April 1 also.

SAN CARLOS, Ariz.—Utah Construction Co., Phelan Bldg., San Francisco, awarded cont. by Southern Pacific R. R. to relocate tracks between Globe and Bodie, made necessary by the const. of the Coolidge Dam over the Gila river at San Carlos. Estimated cost \$2,451,000. The new line will be 18.97 miles.

FIRE ALARM SYSTEMS

MADERA, Madera Co., Cal.—Election will be held in April to vote bonds of \$8000 to finance installation of fire alarm system. Jas. Wakefield, city clerk.

FIRE EQUIPMENT

ORANGE, Cal.—American La France Fire Engine Co., 2339 E 9th st., Los Angeles, awarded cont. by city at \$13,000 to fur. fire engine. Bids allowed \$1000 on old equipment.

BRYTE, Yolo Co., Cal.—Town trustees will call election shortly to vote bonds of \$6000 to finance purchase of fire engine.

MILL VALLEY, Marin Co., Cal.—Fire Department recommends to town trustees the purchase of 500 ft. of fire hose. Will Falley, town clerk.

RESERVOIRS AND DAMS

BEVERLY HILLS, Cal.—Carpenter Bros., 457 N Canyon dr., Beverly Hills, sub. low bid to city (on original plan of Thomas arch type construction) at \$123,780 to const. underground water reservoir of 7,250,000 gals. capacity of reinf. concrete construction, with an arch rib arch — covered with soil which will be landscaped. Alternate type of construction will be for flat slab and girder. Their bid on the alternate type was \$153,931. The dimensions will be 200 x 200 ft. roughly, 12 to 18 ft. in depth of rectangular shape. Excavation will involve 30,000 cu. yds. Location of job, corner Coldwater Canyon rd. and Coldwater Canyon Bridge path. Salisbury, Bradshaw & Taylor, 714 W 10th st., Los Angeles, engineers. Other bids: Oberg Bros., \$126,500, no bid on alternate; L. A. Investment Co., \$127,640; alternate \$139,725; Elliott & McKenna, \$128,855, alternate \$146,000; John H. Simpson Co., \$129,388, no bid on alternate; Roche-Axman Co., \$137,160.94, alternate \$137,160.94.

SANTA BARBARA, Cal.—Until March 1, 2 P. M., bids will be rec. by V. E. Trace, City Water Supt., to fur. and del. material and reconstr. Reservoir No. 1. Cert. check or bidder's bond of 10% req. with bid. Plans obtainable from above on deposit of \$5, returnable.

SAN DIEGO COUNTY, Cal.—Malcom B. Woods of Los Angeles has filed application with State Department of Public Works, Division of Water Rights, to divert 75 cu. ft. of water per second from Coyote Creek for power development. Construction of a concrete dam 500 ft. high together with other construction will involve an expenditure of \$6,000,000.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Pacific Gas & Electric Co., 245 Market st., has approved budget providing for expenditure of \$22,500,000 for improvements in Northern California. Included is a 16-in. high pressure main between San Francisco and San Bruno.

WATER WORKS

TURLOCK, Stanislaus Co., Cal.—Sterling Pump Works, Stockton, at \$1487.50 awarded cont. by city to fur. and install deep well turbine pump at Well No. 5. Orchard street auxiliary plant.

SACRAMENTO, Cal.—Until March 1, 5 P. M., bids will be rec. by H. G. Denton, city clerk, to fur. and install panel boards for filter control at Municipal Filtration Plant. Spec. on file in office of clerk. A. J. Wagner, city eng.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

STOCKTON, San Joaquin Co., Cal.—Until Feb. 27, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to drill well, const. conc. floor slab and switchboard and motor housing and fur. and install pumping plant and pressure tank at Victory Park. Cert. check 10% payable to City Auditor req. with bid. Spec. on file in office of clerk. W. B. Hogan, city engineer.

GRENADA, Siskiyou Co., Cal.—Until March 5, 1:30 P. M., bids will be rec. by Victor Bovo, Secty., Big Springs Irrigation District, to const. two pumping plants, seven flumes, one ditch and minor project units; also to furnish cement, lumber, reinforcing steel, metal flumes and concrete pipe. Spec. obtainable from secretary. See call for bids under official proposal section in this issue.

TRACY, San Joaquin Co., Cal.—Election will be called shortly to vote bonds of \$70,000 to finance extensions to water system. E. T. A. Bartlett, city engineer.

NEWMAN, Stanislaus Co., Cal.—City Engineer W. R. Sherman authorized by city trustees "to purchase through local dealer, if possible," a pump and equipment suitable for cleaning septic tank.

SANTA BARBARA, Cal.—Until March 1, 2 P. M., bids will be rec. by Carl E. Hasse, City Purchasing Agent, to fur. pipe, fittings, hydrants, etc., as follows:
Group No. 1—3200 lin. ft. of 20 in. and 2100 lin. ft. of 16 in. Class C cast iron pipe; 3 crosses 16x8. All bells; 6 tees, 20x 6. All bells; 3 tees, 16x6. All bells; 2 wye branches, 20x8. All bells; 1 plug, 20x2.

Group No. 2—5000 in. ft. 8 in. and 8000 lin. ft. 6 in. Class B cast iron pipe; 12 tees, 8x6, two bells and one spigot; 12 tees, 12x6, two bells and one spigot; 12 curves, 8 in. 45 deg., bell and spigot; 12 curves, 8 in. 22 1/2 deg., bell and spigot.

Group No. 3—5 gate valves, 20 in. hub end, horizontal geared; 4 gate valves, 16 in. hub end, horizontal geared; 4 gate valves, 12 in. hub end; 12 gate valves, 8 in. hub end; 36 gate valves, 6 in. hub end.

Group No. 4—24 fire hydrants, 6 in. 3 1/2 ft. bury with two 2 1/2 in. nozzles.

Cert. check or bidder's bond 10% payable to Mayor req. with bid.

ALBANY, Alameda Co., Cal.—Regents of the University of California have purchased 105-acre tract in Albany to be developed for athletic purposes. Tract is bounded on the east by San Pablo ave., and on the west by the Southern Pacific right-of-way.

ELLENBURG, Wash.—See "Government Work and Supplies," this issue. Bids opened for Kittitas Diversion dam.

NILES, Alameda Co., Cal.—Citizens Water Co., Niles, authorized by State Railroad Comm. to execute a mortgage and to issue promissory note for \$16,000 payable on or before two years after date of issue, with interest at not exceeding 6 per cent per annum for the purpose of paying outstanding note of \$6500, and to finance cost of additional land and facilities.

PHOENIX, Ariz.—Bids were opened Feb. 10 by Roosevelt Irrigation Dist. to fur. 10 or more deep well multistage turbine centrifugal or screw type pumps without motors, designed to receive motors selected and to operate at about 720 rpm, with capacities from 2600 gpm. at 35-ft. head, to 6600 gpm. at 60 ft. head. Pumps will be installed in 18-in. and 20-in. wells.

The bids were:
Byron-Jackson Pump Mfg. Co., Berkeley—(1) 2 300 G P M, 55 ft. lift, \$1873; (2) 1 3500 C P M, 50-ft. lift, \$1980; (3) 1 4000 G P M, 55-ft. lift, \$2792; (4) 1 5000 G P M, 55-ft. lift, \$2549; (5) 1 5000 G P M 40-ft. lift, \$2102; (6) 1 6000 G P M 35-ft. lift, no bid; (7) 3 6000 G P M, 40-ft. lift, no bid.

Frank J. Kimball Co., Los Angeles—(1) \$1873, (2) \$1482, (3) \$1546, (4) \$1596, (5) \$1305, (6) \$1244, (7) \$1356.

Peerless Pump Co.—(1) \$1518, (2) \$1518, (3) \$1718, (4) \$1872, (5) \$1776.

Worthington Pump & Machine Co.—(1) \$2500, (2) \$2883, (3) \$3047, (4) \$2883, (5) \$2717, (6) \$2880, (7) \$2800.

MADERA, Madera Co., Cal.—Election will be held in April to vote bonds of \$10,000 for water main extensions. Jas. Wakefield, city clerk.

INGLEWOOD, Cal.—Until March 5, 8 p. m., bids will be rec. by Otto H. Duelle, city clerk, to fur. (1) one 7-stage deep well centrifugal turbine pump of enclosed line shaft type, having capacity of 900 gals. per min. against total head of 147 ft. when operating at a speed of 950 to 975 rpm; shall be equipped with service discharge pump head and shaft for a direct connection to a 440-volt motor and equipped with 24 ft. of shafting tube and discharge column to connect with 9-in. O.D. 2 1/2-in. tubing, 1 11/16 in. shafting, in well at present; (2) one 60 hp., 440-volt, 6 pole, 50 cycle, 3 phase, vertical type electric motor, constructed to operate at 950 to 975 rpm., equipped with handstarting compensator with low voltage protection and overload relays. Allowance is to be made on 3 stage pump now installed in city's well No. 7, and 40 hp. vertical 4 pole motor, starter and head, also in present installation. Above equipment is to be installed in city's 18-in. well No. 7. Cert. or cashier's check or bond for 10 per cent.

MADERA, Madera Co., Cal.—City will hold election in April to vote bonds of \$3000 to finance drilling well and installation of pump equipment. Jas. Wakefield, city clerk.

OAKLAND, Cal.—American C. I. Pipe Co., Balboa Bldg., San Francisco, awarded cont. by City Port Commission to fur. and del. c. i. pipe and elbows for Municipal Airport.

PLAYGROUNDS AND PARKS

BERKELEY, Alameda Co., Cal.—Work will be started at once on South Berkeley Playground in area bounded by Grove, Oregon, Russell and Grant Sts.; est. cost \$5000. Will involve grading, fencing, tennis courts, etc.

MILL VALLEY, Marin Co., Cal.—Rotary Club proposes that town trustees purchase 20 acre tract between Tamalpais high school and Blythedale Ave. and improve the site for a public park, thereby preventing industries from entering the district.

MARTINEZ, Contra Costa Co., Cal.—Howard Gilkey, landscape architect of the University of California, commissioned by Alhambra Union High School Dist. to prepare plans for beautification of high school grounds. Athletic grounds will be included in the improvements.

CHICO, Butte Co., Cal.—Surveys are being made by County Surveyor Harry H. Hume and City Engineer Ray Witt for site selected for proposed Chico Memorial Athletic field, preparatory to making plans for contemplated improvements.

SEWERS AND STREET WORK

PALO ALTO, Santa Clara Co., Cal.—Until Feb. 27, bids will be rec. by E. L. Beach, city clerk, (615) to imp. Emerson St., bet. Tennyson and California Aves., involv. 476 lin. ft. conc. curb; 11,355 sq. ft. grading; 1500 sq. ft. 5-in. conc. pave.; 9855 sq. ft. 6-in. conc. pave. 1911 Act, Bond Act 1915. Plans obtainable from J. F. Bxybee Jr., city engineer.

SAN RAFAEL, Marin Co., Cal.—Until March 5, 11 a. m., bids will be rec. by Rob E. Graham, county clerk, to const. Olema to Randall's Ranch unit of Olema-Bolinas rd., 5.4 mi. grading and rock surfacing. Project involves: 63,000 cu. yds. excavation; 30,000 sta. yds. overhaul; 1050 lin. ft. 12-in., 3000 lin. ft. 18-in., 318 lin. ft. 24-in., 160 lin. ft. 30-in. and 134 lin. ft. 36-in. corr. metal pipe; 95 cu. yds. A conc. (headwalls and culverts), 5500 lbs. reinf. steel; 6000 cu. yds. gravel or broken stone in place. County will fur. corr. metal pipe. Plans obtainable from County Surveyor Rodney Messner. See call for bids under official proposal section in this issue.

PALO ALTO, Santa Clara Co., Cal.—Until Feb. 27, bids will be rec. by E. L. Beach, city clerk, (618) to const. storm drain system in portions of Kellogg Ave. and Webster St., involv. 105 lin. ft. 10-in., 762 lin. ft. 15-in., and 225 lin. ft. 18-in. cem. conc. sewer; 2 manholes; 6 catch-basins; 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans obtainable from J. F. Byxbee Jr., city engineer.

MADERA COUNTY, Cal.—Until March 14, 2 P. M., bids will be rec. by State Highway Comm. to pave with asph. conc. 6.5 mi. in Madera county, bet. Tharsa and Arcola School. See call fe bids under official proposal section in this issue.

SAN LUIS OBISPO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. March 7 to grade and surface 0.2 mi. of highway 1.9 mi. north of San Luis Obispo. Project involves: 9600 cu. yds. rdwy. excav. without classification; 800 sta. yds. overhaul; 350 cu. yds. struct. excav. without classification; 58 cu. yds. A conc., struct; 92 cu. yds. A conc., slope pave; 7200 lbs. bar reinf. steel in place, struct; 750 tons broken stone (waterbound macadam base, type B); 0.2 mi. moving and reset property fences; 11 monuments.

IMPERIAL COUNTY, Cal.—As previously reported, bids will be rec. Mar. 7 by State Highway Comm. to const. 19.7 mi. of drainage ditches and dykes and 8 timber bridges bet. Trifollum Drainage Canal and Arroyo Salado Wash. Project involves: 271,000 cu. yds. excav. without classification; 8 detours complete; 100 cu. yds. conc. pave. to be removed (preserving pieces); 5100 lin. ft. creosoted Douglas fir piles; driving 164 creosoted Douglas fir piles; 41 M b. m. Douglas fir timber, sel. com. stringers; 64 M b. m. Douglas fir timber, sel. com. structural; 15 M b. m. redwood timber, extra merchantable; 55 tons broken stone (bit. mac. sur.); 5 tons asph. rd. oil.

DEL NORTE COUNTY, Cal.—Until March 14, 2 P. M., bids will be rec. by State Highway Comm. to surface with crushed gravel or stone, 15 mi. in Del Norte county, bet. Wilson Creek and Crescent City. See call for bids under official proposal section in this issue.

HUMBOLDT COUNTY, Cal.—Until Feb. 29, 2 p. m., bids will be rec. by T. A. Bedford, dist. eng., State Highway Commission, 212 Bank of Italy Bldg., Eureka, to grade at points directed by engineer, approx. 2 mi. in length bet. Freshwater Lagoon and Orick. See call for bids under official proposal section in this issue.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

325 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

PALO ALTO, Santa Clara Co., Cal.—City starts proceedings to imp. University Ave., bet. Middlefield Rd. and Hale St. J. F. Bxybee Jr., city engineer.

SACRAMENTO, Cal.—Until March 5, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to widen H st. rd. 2 ft. wide on one side. Cert. check 10 per cent payable to chairman of Board of Supervisors req. with bid. Spec. obtainable from Chas. Deterding Jr., county engineer.

WILLOWS, Glenn Co., Cal.—Until March 2, bids will be rec. by county supervisors to const. 5 mi. of Pieper Rd. s. e. of Willows, connecting Willows-Butte City with Norman-Princeton Rd. Spec. on file in office of clerk.

SAN MATEO COUNTY, Cal.—Bids will be asked in about six weeks by State Highway Comm., Highway Bldg., Sacramento, to imp. approx. 13 mi. of Skyline blvd., from termination of present improvement at La Honda Summit to Saratoga Gap, involv. in the main 300,000 cu. yds. grading, rock surfacing, etc.

FRESNO, Fresno Co., Cal.—Kaiser Paving Co., Latham Square Bldg., Oakland, awarded cont. by Pacific Fruit Express Co., 65 Market St., San Francisco, for grading in connection with car icing plant. Project involves in excess of 225,000 cu. yds. excavation.

SANTA ROSA, Sonoma Co., Cal.—Until March 14, 12 noon, (to be opened 1:30 P. M.), bids will be rec. by W. S. Coulter, county clerk, for const. of grade rdwy. on Guerneville-Guernewood Park Highway, involv. 5600 cu. yds. excavation, unclassified; Est. cost, \$4000. Spec. obtainable from County Surveyor E. A. Peugh.

PALO ALTO, Santa Clara Co., Cal.—Chas. Prentiss, San Jose, at \$51,923 (concrete pipe) sub. low bid to city to const. storm sewers in portions of Oxford Ave., Darmouth St., Cambridge Ave., etc., under Res. of Inten. 606, involv. 1900 ft. 10-in., 12,425 ft. 12-in., 10,486 ft. 15-in., 2286 ft. 18-in., 1022 ft. 21-in., 1929 ft. 24-in. and 1614 ft. 30-in. pipe; 80 manholes and 195 catchbasins. Bids taken under advisement.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (408-C) to imp. Park Place bet. Kaye and Beach Sts., involv. 5-in. conc. pave.; w. 1. water service connections; conc. meter boxes. 1911 Act, Bond Act 1915. Protests March 19. S. A. Evans, city clerk. Roy Fowler, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until March 19, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. roads in various Supervisor Districts, as follows: Homestead Rd. from Saratoga and Mountain View Rd. to Grant Rd. in sup. dis. No. 5; imp. streets in Cottage Grove in sup. dis. No. 2, as follows: Ford Ave., Pomona Ave., Sanborn Ave., Bellevue Ave., Alameda Ave., San Jose Ave., Cottage Grove Ave., Darby Court, Austin Court, and Roberts Court. Also imp. Leelum Ave. (east of San Antonio St.) in sup. dist. No. 2. Spec. on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until March 12, bids will be rec. by Elizabeth M. Kneese, county clerk, to const. sewer system in Millbrae Sanitary District. Plans obtainable from Geo. A. Kneese, county surveyor.

CALIFORNIA—The north fork of the Feather River will be the location of the new \$7,665,000 state highway bet. Oroville and Quincy, according to the recommendation of B. B. Meek, state director of public works. The work will be the first step by the state to open up a new all-year transcontinental highway connection at the Nevada State line. C. H. Purcell, State Highway Engineer.

28

EL DORADO COUNTY, Cal.—Following bids rec.: Feb. 20 by F. W. Hazelwood, district engineer, State Highway Comm., Sacramento, to grade 0.49 mi. in El Dorado county bet. Shingle Springs and El Dorado; Nate Lovelace, Berkeley, \$6,144; F. Bassler, \$8,028; C. W. Wood, \$8,814; L. C. Siedel, \$9,902; Makin and Starret, \$10,038; Tieslau Bros., \$10,077; G. B. Rieves, \$10,990; G. E. Finall, \$11,368; Eng. est. \$10,131.

SAN FRANCISCO—Until Feb. 29, 3 P. M., bids will be rec. by Board of Public Works to const. Section B, under Contract No. 3, Bayshore Blvd., bet. Silver and Paul Aves.; estimated cost \$200,000. Project involves 141 cu. yds. Class B 2500 lbs. concrete in pedestrian subway; 13,569 lbs. bar reinf. steel (to be fur. and placed in pedestrian subway) including all appurtenant works. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Bxybee Jr., completes spec. to pave Palo Alto Ave., bet. Cowper St. and Middlefield Rd., involv. 1250 lin. ft. 5-in. conc. surface. Pave 30 ft. wide. City will pay \$5000 of total cost.

PLACERVILLE, El Dorado Co., Cal.—City votes bonds of \$45,000 to finance street paving and sewer extensions. C. H. Wildman, city engineer.

SANTA BARBARA, Cal.—Western Motor Transfer Co., 118 State st., Santa Barbara, at \$49,205 awarded cont. to imp. portions of East Cabrillo blvd. and Booth Point rd., involv. in the main: \$130 cu. yds. unclassified embankment; 19,000 sq. yds. asph. paint blder; 1182 cu. yds. class A cem. conc. (pave); 58 cu. yds. class A conc. (struc); 12 cu. yds. class A conc. (curb); 6.3 cu. yds. class E conc. (structure); 5084 tons asph. conc.

ROSS, Marin Co., Cal.—J. Ongaro, Fairfax, at \$4450 awarded cont. by town to grade grounds, const. cem. walks and driveways in connection with town hall and firehouse site.

HOLLISTER, San Benito Co., Cal.—County supervisors plan to imp. Tres Pinos and Paicines rd. and Hollister and San Felipe rd. W. A. Winn, county surveyor.

BAKERSFIELD, Kern Co., Cal.—City declares inten. (572) to imp. portions of Union Ave., involv. const. of curbs and walks. 1911 Act. Protests March 5. W. D. Clarke, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (407-C) to imp. portions of Bayside Ave., involv. vit. clay pipe sewer with wye branches. 1911 Act. Protests March 12. S. A. Evans, city clerk. Roy Fowler, city engineer.

ALTURAS, Modoc Co., Cal.—City council contemplates bond issue to finance street improvements and construction of sewer system.

BAKERSFIELD, Kern Co., Cal.—City declares inten. (571) to imp. Union Ave., bet. Kentucky and Lincoln Sts., involv. grade: curbs and walks. 1911 Act. Protests March 5. W. D. Clark, city eng. 28

HAYWARD, Alameda Co., Cal.—City declares inten. (692) to imp. D St., bet. Valley St. and east city limits, involv. grade; conc. curbs, gutters; r. w. headers; 3 1/2-in. asph. conc. base; 1 1/2-in. Warrenite-Bit. surface. 1911 Act, Bond Act 1915. Protests March 7. M. B. Templeton, city engineer.

RICHMOND, Contra Costa Co., Cal.—City will start proceedings at once to widen Standard Ave. to 32 ft., involv. 4-in. broken stone cushion, 6-in. asph. conc. pave with 2-in. asph. conc. surface. E. A. Hoffman, city engineer.

SAN FRANCISCO—C. B. Eaton, 715 Ocean ave., at \$49,246 awarded cont. by Bd. Pub. Wks. to const. Sect. 1, Contract A, Fillmore st., main sewer in 10th st. bet. Harrison and Division sts., involv. 1177 lin. ft. 6-ft. 9-in. circular reinf. conc. sewer; 550 lin. ft. 8-in. and 627 lin. ft. 12-in. vit. pipe underdrain; 5 br. or conc. manholes; 1 reinf. conc. taper connection; 19,900 lin. ft. piles below cutoff (to be furnished and driven).

SANTA ROSA, Sonoma Co., Cal.—County declares inten. for Rd. Imp. Dist. No. 5, Middle Two Rock rd., involv. grade; conc. pave., 16-ft. wide with earth shoulders and ditches, culverts. Rd. Dist. Imp. Act 1907. Hearing March 13. County will pay \$6,500 of cost from General Fund. R. Press Smith, engineer, Santa Rosa. W. S. Coulter, county clerk.

SALINAS, Monterey Co., Cal.—City Eng. Howard Cozzens preparing spec. to imp. Nativilidad, Geil and Front Sts. Res. of Inten. will be declared shortly.

RICHMOND, Contra Costa Co., Cal.—City Eng. E. A. Hoffman completes spec. for lateral sewers in territory east of Key Blvd. in East Richmond Blvd. Tract, including Kern, Amador, Ventura, Key, Humboldt, Garvin, Solano, Clinton and Sierra Aves.

ANGELS CAMP, Calaveras Co., Cal.—Adams Construction Co., Angels Camp, sub. low bid to city for asph. macadam pavement in various Sts. Bids taken under advisement.

CALISTOGA, Napa Co., Cal.—Simon Lenz & Sons, St. Helena, at \$736.50 awarded cont. by city to const. 1480 ft. conc. sewer to run from lower end of sewer farm. Other bids: Harry Thorson, St. Helena, \$785.50; J. G. Matrone, Woodland, \$2389.50.

OAKLAND, Cal.—Until March 1, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Martin st., Ayala ave., Herman st. and 58th st., involv. grade, curbs, gutters, pave., walks, manhole, storm water inlet, conduit. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until March 1, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. conc. gutter and storm water drainage system consisting of conc. box culvert with reinf. conc. top; conc. handhole; vit. pipe conduit and br. manhole in portions of Clarendon Crescent. 1911 act. Cert. check 10 per cent payable to city req. Geo. N. Randle, city eng.

OAKLAND, Cal.—City declares inten. to imp. Jones ave. bet. E-14th st. and Railroad ave., and portions of Russett st. adjoining Jones ave., involv. grade; curbs; gutters; pave; culverts. 1911 act. Protests March 8. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

STOCKTON, San Joaquin Co., Cal.—Until March 12, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. H. R. Whitaker Rd. No. 532 from Harney Lane to Kettleman Lane. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk. F. E. Smith, county surveyor.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

Official Proposals

NOTICE TO CONTRACTORS (Painting—Sacramento County)

Notice is hereby given that the Board of Supervisors of Sacramento County, California, will receive sealed bids at the Office of the Clerk of said Board, Room 201, Court House Building, Sacramento, California, for painting the following named rooms, County Court House, Sacramento, California.

1. Memorial Hall. (Assembly room, ante-room and kitchen).

2. Room No. 2. Farm Advisors.

3. Office of the County Treasurer.

Bids to be received covering all of the work and for each room separately.

Specifications

All walls and ceilings to be cleaned and patched where necessary and given three coats of washable wall paint. Side walls to be stippled.

Said bids to be received up to 10 o'clock A. M., February 28, 1928.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms, which may be obtained from the Office of the Board of Supervisors, to be accompanied by a certified check of ten per cent of the amount of the bid submitted, check to be made payable to the Chairman of the Sacramento County Board of Supervisors.

Plans and specifications are on file in the office of the Board of Supervisors, to which all prospective bidders are hereto referred.

The Board of Supervisors reserves the right to reject any and all bids received as the public good may require.

By order of the Board of Supervisors, Sacramento County, dated February 9, 1928.

HARRY W. HALL,

Clerk and Ex-Officio Clerk of the Board of Supervisors.

By GEO M. POTTLE, Deputy Clerk.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on March 14, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway as follows:

Del Norte County, between Wilson Creek and Crescent City (I-DN-1-B), about fifteen (15) miles in length, to be surfaced with crushed gravel or stone.

Madera County, between Tharsa and Arcola School (VI-Mad-4-A), about six and five-tenths (6.5) miles in length, to be paved with asphalt concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,

R. M. MORTON,

State Highway Engineer.

Dated: February 15, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 212 Bank of Italy Building, Eureka, California, until 2 o'clock P. M. on February 29, 1928, at which time they will be publicly opened and read, for performing work as follows:

Humboldt County, between Freshwater Lagoon and Orick (I-Hum-1-J), about two (2) miles in length, to be graded at various points where directed by the Engineer.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,

R. M. MORTON,

State Highway Engineer.

By T. A. BEDFORD,

District Engineer, Dist. 1

Dated: Feb. 16 1928.

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS AND BRANCHISTS
ARTHUR PRIDDLE, A. I. Q. S.

693 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

NOTICE TO BIDDERS

(Pipe and Fittings—Orland, Calif.)

Notice is hereby given that the Board of Trustees of the Town of Orland do hereby invite sealed proposals for the furnishing and delivering f. o. b. Orland of the following galvanized pipe and fittings, to-wit:

251— $\frac{1}{2}$ inch No. 115-A Thompson Sprinkler Heads.

96— $\frac{1}{2}$ inch No. 140 Thompson Sprinkler Heads.

7— $\frac{1}{4}$ inch Thompson Control Valves.

7—1 inch Thompson Control Valves.

243 Pcs. $\frac{1}{2}$ inch Galv. Pipe, 11 ft. 0 in.

T. B. E.

26 Pcs. $\frac{3}{4}$ inch Galv. Pipe, 11 ft. 0 in.

T. B. E.

53 Pcs. 1 inch Galv. Pipe, 11 ft. 0 in.

T. B. E.

44 Pcs. $1\frac{1}{4}$ inch Galv. Pipe, 11 ft. 0 in.

T. B. E.

102— $\frac{1}{2}$ inch Close Galv. Nipples.

350— $\frac{1}{2}$ inch by 6 inch Galv. Nipples.

350— $\frac{1}{2}$ inch Galv. Ells.

102— $\frac{1}{2}$ inch Galv. Grosseh.

18— $\frac{1}{2}$ inch Galv. Tees.

41— $1\frac{1}{4}$ inch Galv. Tees.

7— $1\frac{1}{4}$ inch Galv. Tees.

40— $1\frac{1}{2}$ inch Tees.

14— $1\frac{3}{4}$ inch Tees.

11— $2\frac{1}{2}$ inch Tees.

5— $3\frac{1}{2}$ inch Tees.

4— $4\frac{1}{2}$ inch Tees.

According to plans and specifications on file with the Clerk of the Board of Trustees of the Town of Orland.

Each bid or offer shall be accompanied by cash or by a check certified by a responsible bank in a sum equal to ten per cent (10%) of the amount bid.

All bids and proposals to be submitted to the Clerk of the Board of Trustees of the Town of Orland on or before eight o'clock P. M. on the 23rd day of February, 1928, at which time such bids and proposals will be opened at the meeting place of the Board of Trustees in the Library Building of the Town of Orland.

The right is hereby reserved to reject any or all bids if found unsatisfactory.

E. W. FARLIN,

Clerk of the Town of Orland and Ex-Officio Clerk of the Board of Trustees of the Town of Orland.

NOTICE TO CONTRACTORS

(Marin County — Olema to Randall's Ranch Road)

Sealed proposals will be received at the office of the County Clerk, County Court House, San Rafael, California, until 11 o'clock A. M. on March 5, 1928, at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, portions of County Highway as follows:

Marin County, from Olema to Randall's Ranch on the Olema-Bollinas Road, a distance of approximately five and four-tenths (5.4) miles in length, to be graded and rock surfaced.

County Surveyor's Estimate

Item 1—63,000 cubic yards of excavation without classification.

Item 2—30,000 station yards overhaul.

Item 3—1050 lineal feet 12-inch corrugated metal pipe.

Item 4—250 lineal feet 18-inch corrugated metal pipe.

Item 5—318 lineal feet 24-inch corrugated metal pipe.

Item 6—160 lineal feet 30-inch corrugated metal pipe.

Item 7—134 lineal feet 36-inch corrugated metal pipe.

Item 8—95 Cubic yards Class "A" Portland cement concrete (headwalls and culverts).

Item 9—5500 lbs. reinforcing steel.

Item 10—6000 cubic yards of gravel or broken stone in place.

The County of Marin will furnish corrugated metal pipe as more explicitly set forth in the specifications.

The foregoing quantities are approximate only, being given as a basis for the

comparison of bids, and the Board of Supervisors do not expressly or by implication agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, as may be deemed necessary expedient by the said Board. All bids are to be compared on the basis of the County Surveyor's estimate of the quantities of work to be done. Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the County Surveyor's Office, Court House, San Rafael, Calif. No bid will be received unless it is made on the blank form furnished by the Board. The special attention of prospective bidders is called to the "Instructions to Bidders" annexed to the blank form of proposal, for full directions as to bidding, etc. The Board of Supervisors reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the county.

Dated San Rafael, Feb. 14, 1928.
ROB E. GRAHAM,
Clerk of the Board of Supervisors.

NOTICE TO BIDDERS

Big Springs Irrigation District—Siskiyou County)

Big Springs Irrigation District, Grenada, California, February 8th, 1928. Sealed proposals will be received by the Directors of Big Springs Irrigation District at the office of the Secretary in Grenada, California, for the construction of two pumping plants, seven flumes, a ditch and minor project units; and for the furnishing of cement, lumber, reinforcing steel, metal flumes and concrete pipe.

The bids will be opened in public at 3 o'clock P. M. on March 5th, 1928, at the Office of the Secretary of Big Springs Irrigation District in Grenada, California.

Contracts will be let to the lowest responsible bidders subject to the right of the District to reject any or all bids.

Plans and specifications may be seen at the office of the Secretary.

By order of the Board of Directors of Big Springs Irrigation District.

VICTOR BOVO, Secretary.

NOTICE TO BIDDERS

(Classroom Building—Stockton)

Notice to bidders is hereby given that bids on the new classroom building in the northwest corner of the high school grounds, Harding way and San Joaquin Street, Stockton, Calif., as per plans and specifications on file at the office of the High School Board and also with Peter Ala, architect, 2130 North Commerce Street, Stockton, Calif., will be opened on Thursday, March 8, 1928, at 7:30 P. M., at the office of the High School Board, corner of Lindsay and San Joaquin Sts. Obtain bid form and plans and specifications from the Architect.

The High School Board reserves the right to reject any or all bids.

A certified check of 10% of the amount bid must accompany said bid. A bidder's bond will not be accepted.

Dated Stockton, Calif., February 16, 1928.

By order of the High School Board.

ANSEL S. WILLIAMS,
Clerk.

NOTICE CALLING FOR BIDS

(Outfall Sewer—Town of Hayward)

Pursuant to Statute and to Order of the Board of Trustees of the Town of Hayward directing this notice, Notice is hereby given inviting sealed proposals for bids, for the furnishing materials for and constructing an addition to the outfall sewer of the Town of Hayward, in accordance to the plans and specifications heretofore adopted for doing said work, and now on file in the office of the Town Clerk of the Town of Hayward, which said plans and specifications are hereby expressly referred to and made a part of this notice the same as if set out in length herein.

A copy of said plans and specifications will be furnished upon application to either the Town Clerk of the Town of Hayward, or to Jesse B. Holly, Town Engineer of the Town of Hayward, and the person applying for the same will be required to deposit \$5.00 for each set of such plans and specifications so fur-

nished, which said sum will be returned upon the return of said copies so obtained.

All proposals or bids shall be in writing in the form set out in said specifications and must be accompanied by a check payable to the Town of Hayward, certified by a responsible bank for an amount which shall not be less than ten per cent of the aggregate total of the proposal or bid, or by a bond for the said amount and so payable, signed by the bidder and two sureties, who shall justify, before an officer competent to administer an oath, in double the said amount and over and above all statutory exemptions.

Such sealed proposals or bids shall be delivered to Clerk of said Town of Hayward, on or before Wednesday, the 7th day of March at the hour of eight o'clock P. M., 1928. Proposals or bids will be opened and declared on said day and hour. The said Board of Trustees reserves the right to reject any and all proposals or bids.

Dated: February 6th, 1928.
(SEAL) M. E. TEMPLETON,
Town Clerk of the Town of Hayward.

NOTICE TO CONTRACTORS

GENERAL WORK

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Bldg., Sacramento, California, up to 2 o'clock P. M., Friday, March 9th, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the General Work, Machinery Building, Agricultural Park, Sacramento, California, in accordance with plans and specifications there-

for, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Machinery Building will be a one-story brick building with reinforced concrete foundations, common brick walls, and tile roof.

General Work will include all manner of work except Plumbing, and Electrical Work. Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bids, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Machinery Building, Agricultural Park, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS

DIVISION OF ARCHITECTURE
GEO. B. McDOUGALL, State Architect
B. B. MEEK, Director of Public Works.

MEDUSA

White Portland Cement

(WATERPROOFED)

WITHOUT Portland Cement Stucco, the architecture of California would have missed much of its rare charm. Taking this architectural beauty and translating it into a thing of structural permanence has been a responsibility which builders everywhere have placed upon Medusa White Portland Cement with complete success.

THE SANDUSKY CEMENT COMPANY
ENGINEERS' BUILDING CLEVELAND, OHIO

Manufacturers of Medusa White Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa Gray Portland Cement (Plain and Waterproofed); and Medusa Cement Paint.

Secure MEDUSA From Your Building Material Dealer

GEO. L. BROWN
Pacific Coast
Representative



Builders' Exchange
Box 82

Contracts Awarded Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
355	Apte	Owner	3000
356	Boden	Owner	4000
357	Chincholle	Plov	4000
358	Clifford	Peterson	4000
359	Castle	Horn	44000
360	Meyer's	Mission	10000
361	Meyer	Owner	7000
362	Same	Same	3500
363	Same	Same	4000
364	Rogers	Owner	4000
365	Reid	Owner	6000
366	Salzman	Levi	1000
367	Thompson	Hobbs	8000
368	Union	Owner	2000
369	Same	Same	1000
370	Anderson	Owner	18000
371	Anderson	Owner	4000
372	Bridge	Meyer	3500
373	Blahink	Owner	3400
374	Bruce	Owner	6000
375	Dunne	Cuthbertson	1000
376	Janssen	Owner	5000
377	Leregen	Owner	4000
378	McCarthy	Owner	8000
379	Pietro	Owner	3000
380	Petersen	Owner	4000
381	Robinson	Owner	10000
382	Radwovitch	Ritter	3000
383	Stoneson	Owner	15000
384	Tammaro	Owner	8000
385	Britt	Jenkins	2000
386	Browne	Browne	10000
387	Cane	Permento	4000
388	Cook	Owner	8500
389	Francesco	Francesco	2000
390	Irwin	Irwin	5000
391	Luttem	Petersen	1000
392	McDonough	Owner	9000
393	Terraneva	Owner	1000
394	Southern	Piasecke	8232
395	Spediacci	Novello	4000
396	Fibbs	Huenegardt	3000
397	Pinlayson	Huenegardt	3000
398	Grimes	Owner	4000
399	Hill	Owner	7000
400	Luippold	Owner	8000
401	Mears	Owner	3000
402	MacGeorge	MacGeorge	6000
403	MacKenzie	Owner	8000
404	Mohr	Owner	12000
405	Novelli	Ferroni	3000
406	Neil	Owner	18000
407	Piepari	Owner	4000
408	Stone	Kolsberg	3000
409	Same	Same	4000
410	Same	Same	3000
411	Scoble	Owner	18000
412	Same	Same	5000
413	Stone	Kalsberg	4000
414	Schmidt	Johnson	20000
415	Weinstein	Hymen	7000
416	Wilson	Huenegardt	3000
417	Buckley	Owner	3000
418	Caulcy	Schneid	3000
419	Castle	Horn	4000
420	Cuneo	Jacks	48116
421	Dobert	Owner	4000
422	Hammond	Owner	4000
423	Lee	Cuighuro	1000
424	Levin	Meussdorffer	2500
425	Minear	Scholken	1000
426	Myers	Britt	10500
427	Straub	Hammond	4000
428	Radulovitch	Ritter	3000

DWELLING
(355) W CORA 226 N Sunnydale Ave.
One-story and basement frame dwlg.
Owner—Harry Apte, 287 Arletta Ave.,
San Francisco.
Architect—None. \$3000

DWELLING
(356) W EIGHTEENTH AVE 225 N
Moraga. One-story and basement
frame dwelling.
Owner—M. Boden, 2388 Union St., San
Francisco.
Architect—E. E. Young, 2002 California
St., San Francisco. \$4000

DWELLING
(357) N QUESADA 137-6 E Lane. One-
story and basement frame dwelling.
Owner—M. Chincholle, 5 Shepard St.,
San Francisco.

Architect—None.
Contractor—Gilbert A. Plov, 391 Munich
St., San Francisco. \$4000

DWELLING
(358) W FUNSTON AVE 254-2 S Santi-
ago. One-story and basement frame
dwelling.
Owner—Albert E. Clifford, 498 Eureka
St., San Francisco.
Architect—None.
Contractor—Arvid Peterson, 1620 8th
Ave., San Francisco. \$4000

DWELLINGS
(359) S SILVER AVENUE 281, 306,
321, 346, 371, 396, 421, 446, 471, 496
and 521 W Mission. Eleven one-
story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St.,
San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St.,
San Francisco. \$4000 ea

LOFT BLDG.
(360) S TEHAMA 200 W Fifth St., Two-
story reinforced concrete loft build-
ing.
Owner—Meyer's Safety Switch Co., 419
Tehama St., San Francisco.
Architect—None.
Contractor—Mission Concrete Co., 666
Mission St., San Francisco. \$10,000

DWELLINGS
(361) N ROCKDALE DRIVE 163 and
196 E Chaves. Two one-story and
basement frame dwellings.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$3500 ea

DWELLING
(362) S AGUA WAY 69 E Chaves.
One-story and basement frame dwlg.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$3500

DWELLING
(363) N CHAVES AVE 88 W Del Sur
Ave. One-story and basement frame
dwelling.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000

DWELLING
(364) N RIVERIA 115 E Seventeenth
Ave. One-story and basement frame
dwelling.
Owner—John W. Rogers, 1695 21st Ave.,
San Francisco.
Architect—R. R. Irvine, New Call Bldg.,
San Francisco. \$4000

DWELLING
(365) NE ULLOA AND FORESTSIDE
Ave. Two-story and basement
frame dwelling.
Owner—H. Reid, 45 Brosnan St., San
Francisco.
Architect—G. Al Berger, 309 Valencia St.,
San Francisco. \$6000

ALTERATIONS
(366) NO. 355 GEARY. Alter and re-
model store.
Owner—J. Salzman, Premises.
Architect—None.
Contractor—G. Levi, 243 7th St., San
Francisco. \$1000

DWELLINGS
(367) W THIRTY-NINTH AVE 125 and
150 S Irving. Two one-story and
basement frame dwellings.
Owner—Nathaniel Thompson, 2700 Anza
St., San Francisco.
Architect—None.
Contractor—R. P. Hobbs, 818 Shrader
St., San Francisco. \$4000 ea

WAREHOUSE
(368) NW NINETEENTH AND VAL-
encia. One-story steel warehouse.
Owner—Union Oil Co. of Calif., Mills
Bldg., San Francisco.
Architect—None. \$2000

WASH RACK
(369) NW NINETEENTH AND VAL-
encia. One-story steel wash rack.
Owner—Union Oil Co. of Calif., Mills
Bldg., San Francisco.
Architect—None. \$1000

APARTMENTS
(370) E BRODERICK 100 N Lombard.
Three-story and basement frame (9)
apartments.
Owner—Louis R. Anderson, 37 Rilco
Way, San Francisco.
Architect—J. C. Hladik, Monadnock Bldg.,
San Francisco. \$18,000

DWELLING
(371) W TWENTY-THIRD AVE 125 S
Vincente. One-story and basement
frame dwelling.
Owner—Adolph Anderson, 230 Hazelwood
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4000

DWELLING
(372) N TWENTY-FOURTH 226-8 W
Hoffman. One-story and basement
frame dwelling.
Owner—E. H. Bridge, 9 Balceta Way,
San Francisco.
Architect—None.
Contractor—Meyer Bros., 727 Portola
Drive, San Francisco. \$3500

DWELLING
(373) E ALLISON 125 N Brunswick.
One-story and basement frame
dwelling.
Owner—Joseph Blahink, 687 Paris St.,
San Francisco.
Architect—None. \$3400

DWELLING
(374) W DIVISADERO 32-6 S North
Point. One-story and basement frame
dwelling.
Owner—L. M. Bruce, 2741 Clay St., San
Francisco.
Architect—None. \$6000

ALTERATIONS
(375) NO. 1259 FOURTEENTH AVE.
Move building from rear of lot to
front.
Owner—Daniel Dunne, Premises.
Architect—None.
Contractor—Thos. Cuthbertson, 430 Nor-
eiga St., San Francisco. \$1000

DWELLING
(376) S IDORA AVE 10 W Laguna
Honda. One-story and basement
frame dwelling.
Owner—C. R. Janssen, Hearst Bldg., San
Francisco.
Architect—None. \$5000

DWELLING
(377) N JUDSON AVE 275 W Foerster.
One-story and basement frame dwlg.
Owner—J. Leregen, 176 Fourth St., San
Francisco.
Architect—None. \$4000

DWELLINGS
(378) E TWENTY-NINTH AVE 50 and
75 S Kirkham. Two one-story and
basement frame dwellings.
Owner—John E. McCarthy, 1483 Funston
Ave., San Francisco.
Architect—None. \$4000 ea

DWELLING
(379) N BRAZIL AVE 25 W Moscow.
One-story and basement frame dwlg.
Owner—Charles Pietro, 436 Hanover St.,
San Francisco.
Architect—None. \$3000

DWELLING
(380) W SEVENTEENTH AVE 375 N
Taraval. One-story and basement
frame dwelling.
Owner—H. P. Petersen, 2339 17th Ave.,
San Francisco.
Architect—None. \$4000

DWELLINGS
(381) E BAKER 39 and 67-6 S Jefferson.
Two two-story and basement frame
dwellings.

Owner—Robinson & Johnston, 871 31st Ave., San Francisco.
Architect—None. \$5000 each

DWELLING
(2) NW DELONG AND LIBBY. One-story and basement frame duplex dwelling.
Owner—Mrs. Emily Radwovitch, 28 De Long St., San Francisco.
Architect—Geo. C. Ritter, 164 Vista Ave., Daly City. \$3000

DWELLINGS
(3) E BRENTWOOD 624, 666 and 702 S Los Palmos. Three one-story and basement frame dwellings.
Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco. \$5000 ea

DWELLINGS
(4) N TWENTY-THIRD 55-6 and 77-9 E York. Two two-story and basement frame dwellings.
Owner—Vincent Tammaro, 2824 23rd St., San Francisco.
Architect—None. \$4000 each

ALTERATIONS
(5) NO. 49 COLLEGE AVE. Move dwelling and alter and remodel same.
Owner—Miss Britt, Premises.
Architect—None.
Contractor—Jenkins & Gross, 3433 Market St., San Francisco. \$2000

ALTERATIONS
(6) NE POST AN AGAT ALLEY, bet. Taylor and Jones. Remodel A-1 building into hotel.
Owner—Browne Inv. Co., 68 Post St., San Francisco.
Architect—None.
Contractor—R. Browne, 68 Post St., San Francisco. \$10,000

DWELLING
(7) N VALLEY 180 W Noe. One-story and basement frame dwelling.
Owner—Leslie and Theresa Cano, 3532 Twenty-first St., San Francisco.
Designer—A. W. Permento, 21 Belcher St., San Francisco.
Contractor—A. W. and J. E. Permento, 21 Belcher St., San Francisco. \$4000

FLATS
(8) W THIRTY-FIRST AVE 120 N Fulton. Two-story and basement frame (2) flats.
Owner—A. L. Cook, 179 O'Farrell St., San Francisco.
Architect—None. \$8500

ALTERATIONS
(9) NO. 1512 SILVER AVE. Alter and remodel dwelling.
Owner—Joseph Francesco, 355 Park St., San Francisco.
Architect—None.
Contractor—Carlo Francesco, 305 Bocano St., San Francisco. \$2000

DWELLING
(10) W SAN PABLO 288 S Santa Monica Two-story and basement frame dwlg.
Owner—J. J. Irwin, 801 Cabrillo St., San Francisco.
Architect—None.
Contractor—J. J. Irwin, 1040 Oak St., San Francisco. \$5000

ALTERATIONS
(11) NO. 2201 BAKER. Alter and remodel dwelling.
Owner—Mrs. John G. Luttem, 2201 Baker St., San Francisco.
Architect—None.
Contractor—G. Petersen & Son. \$1000

FLATS
(12) N FULTON 95 E Forty-second Ave. Two-story and basement frame (2) flats.
Owner—M. McDonough, 143 Randall St., San Francisco.
Architect—None. \$9000

ALTERATIONS
(13) NO. 1212 WILLARD. Alter and remodel apartments.
Owner—Charles Terranova, Premises.
Architect—None. \$1000

WAREHOUSE
(14) W THIRD bet. Alameda and El-dorado. One-story frame warehouse
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—J. Plasecke, 1921 Fulton St., San Francisco. \$8232

DWELLING
(355) W PARIS 350 S France Ave. One-story and basement frame dwelling.
Owner—A. Spediacci, 15 Amazon Ave., San Francisco.
Architect—None.
Contractor—Joseph Novello, 172 Bertita St., San Francisco. \$4000

DWELLING
(396) E FOURTEENTH AVE, bet. Taraval and Ulloa. One-story and basement frame dwelling.
Owner—Hazel and Mary Fibbs, 644 14th Ave., San Francisco.
Architect—None.
Contractor—D. G. Huenergardt, 120 Montalva St., San Francisco. \$3000

DWELLING
(397) E FOURTEENTH AVE., bet. Taraval and Ulloa. One-story and basement frame dwelling.
Owner—John M. Finlayson, 644 11th Ave., San Francisco.
Architect—None.
Contractor—D. G. Huenergardt, 120 Montalva St., San Francisco. \$3000

DWELLING
(398) E PACHECO 37-6 N Areal Way. Two and one-half-story and basement frame dwelling.
Owner—E. T. Grimes, 596 Clay St., San Francisco.
Architect—John B. McCool, Hearst Bldg., San Francisco. \$4000

DWELLINGS
(399) N PRAGUE 350 and 375 W Russia Ave. Two one-story and basement frame dwellings.
Owner—Robert R. Hill, 627 London St., San Francisco.
Architect—None. \$3500 each

DWELLINGS
(400) E TWENTY-NINTH AVE 100 and 125 N Kirkham. Two one-story and basement frame dwellings.
Owner—Frederick J. Luippold, 822 23rd Ave., San Francisco.
Architect—None. \$4000 each

ALTERATIONS
(401) NO. 20 CULEBRA TERRACE. Remodel two-story frame dwelling into apartments.
Owner—James Meares, Premises.
Architect—F. S. Holland, 137 9th Ave., San Francisco. \$3000

DWELLINGS
(402) SW EUGENIA AND PROSPECT and S Prospect 25.60 W Eugenia. Two one-story and basement frame dwellings.
Owner—N. C. MacGeorge, 2115 Broderick St., San Francisco.
Architect—N. A. Doctor, 800 Ulloa St., San Francisco.
Contractor—MacGeorge Co., 519 California St., San Francisco. \$3000 each

DWELLINGS
(403) E TWENTY-SIXTH AVE 225 and 250 S Lawton. Two one-story and basement frame dwellings.
Owner—William H. MacKenzie, 1988 21st Ave., San Francisco.
Architect—None. \$4000 each

DWELLINGS
(404) N WHIPPLE 77, 102 and 127 E Huron. Three one-story and basement frame dwellings.
Owner—Mohr Bros., 116 9th St., San Francisco.
Architect—None. \$4000 each

DWELLING
(405) N KEY 175 E Jennings. One-story and basement frame dwelling.
Owner—A. Novelli.
Architect—None.
Contractor—G. Ferroni & Sons, 1966 Filbert St., San Francisco. \$3000

DWELLINGS
(406) N SHAKESPEARE 425, 450, 475, 500, 525 and 550 W Rhine. Six one-story and basement frame dwellings.
Owner—Robert Neil, 125 Peoria St., Daly City.
Architect—None. \$3000 each

DWELLING
(407) E DOUGLAS 60 W Twenty-second One-story and basement frame dwlg.
Owner—A. Pieparl, 47 Worth St., San Francisco.
Architect—None. \$4000

DWELLING
(408) W FORTY-SEVENTH AVE 200 N Quintara. One-story and basement frame dwelling.
Owner—A. Stone, 1287 25th Ave., San Francisco.
Architect—None.
Contractor—T. Kolsberg, 1287 24th Ave., San Francisco. \$3000

DWELLING
(409) W FORTY-SEVENTH AVE 250 N Quintara. One-story and basement frame dwelling.
Owner—A. Stone, 1287 25th Ave., San Francisco.
Architect—None.
Contractor—T. Kolsberg, 1287 25th Ave., San Francisco. \$4000

DWELLING
(410) W FORTY-SEVENTH AVE 225 N Quintara One-story and basement frame dwelling.
Owner—A. Stone, 1287 25th Ave., San Francisco.
Architect—None.
Contractor—T. Kolsberg, 1287 25th Ave., San Francisco. \$3000

APARTMENTS
(411) NW 39th Ave. and Irving st.; 3-story and basement frame (18) apts.
Owner—Thomas Scoble, 336 Kearny st.
Architect—E E Young, 2002 California st.
Contractor—Day work. \$18,000

STORE
(412) N Irving 45 W 39th ave.; 1 story frame (3) stores.
Owner—Thomas Scoble, 336 Kearny st.
Architect—E. E. Young, 2002 California street.
Contractor—Day work. \$5,000

DWELLING
(413) W 47th ave., 175 N Quintara st.; 1 story and basement frame dwelling.
Owner—A. Stone, 1287 25th ave.
Architect—None.
Contractor—T. Kolsberg, 1287 25th ave. \$4,000

PUBLIC GARAGE
(414) N Clement st., 57 ft 6 in E 21st ave.; 2 story reinforced concrete public garage.
Owner—Frederick W. Schmidt, 2744 Balboa st., S. F.
Architect—Felix H. Spitzer, 251 Kearny street.
Contractor—J. M. Johnson, 2744 Balboa street. \$20,000.

STORE
(415) S. E. Chestnut and Steiner; 1 story and reinforced concrete store bldg.
Owner—I. Weinstein, 1035 Montgomery street.
Architect—Jacks & Irvine, 74 New Montgomery st.
Contractor—Hyman & Appleton, 68 Post st. \$7,000

DWELLING
(416) E. 14th ave, bet. Taraval and Ulloa; 1 story and basement frame dwelling.
Owner—James B. Wilson, 644 11th ave.
Architect—D. G. Huenergardt, 120 Mont-alva.
Contractor—Architect. \$3,000

DWELLING
(417) E Majestic 325 ft N Lakeview; 1-story and basement frame dwelling.
Owner—Jack Buckley, 1230-11th ave.
Architect—None. \$3,000

DWELLING
(418) W. Folsom, 175 ft S Powhatten; 1-story and basement frame dwelling.
Owner—Frank McCauley, 987 Valencia.
Architect—None.
Contractor—Al Schneid, 1257-17th ave. \$3,000

DWELLING
(419) N W Silver and Camellia; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st. \$4,000

ALTERATIONS
(420) 838 Grant ave.; alterations and remodeling apt.-hotel.
Owner—Cuneo - Dobenedetti Estate, 72 New Montgomery st.

Architect—Will H. Toepke, 72 New Montgomery st.
Contractor—Jacks & Irvine, 72 New Montgomery st. \$48,116

DWELLING
(421) E Edinburg, 100 ft S Persia; 1-story and basement frame dwelling.
Owner—Henry Dobert, 179 Madrid st.
Architect—None. \$4,000

DWELLING
(422) E 17 ave 100 ft N Vincente; 1-story and basement frame dwelling.
Owner—L. B. Hammond, 151-26th ave.
Architect—None. \$4,000

ALTERATIONS
(423) 639-14th ave.; alter and remodel residence.
Owner—James Lee, 666 Mission st.
Architect—None.
Contractor—V. Cuighuro, 666 Mission st. \$1,000

ALTERATIONS
(424) 35 Presidio Terrace; construct additional wing on residence and erect private garage.
Owner—S. H. Levin, Humboldt Bank Bldg.
Architect—None.
Contractor—C. A. Meussdorffer, Humboldt Bank Bldg. \$2,500

ALTERATIONS
(425) E Stanyan 25 ft N Grattan; alter and remodel apts.
Owner—Wm. Miner, 550 Page st.
Architect—Henry Schullen, 250 Page st.
Contractor—Architect. \$1,000

BUILDING
(426) N W Tenth and Mission sts.; 2-story and basement reinforced concrete light manufacturing bldg.
Owner—L. A. Myers, 68 Post st.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd. \$10,500

DWELLING
(427) E 17th Ave 75 ft N Vicente; 1-story and basement frame dwelling.
Owner—William Straub, 59 Wawona st.
Architect—None.
Contractor—L. B. Hammond, 151-26th ave. \$4,000

DWELLINGS
(428) N DeLong, 85 ft and 103 ft W Liebig st.; (2) one-story and basement frame dwellings.
Owner—Emile Radulovitch, 28 DeLong.
Architect—None.
Contractor—Geo. G. Ritter, 164 Vista ave, Daly City. \$1,500 each

(73) **PLASTERING, METAL FURRING**, lathing, etc. on above.
Contractor—Herman Bosch, 440 Fulton st., S. F.
Filed Feb. 21, 1928. Dated Feb. 11, 1928
10th of month 75%
Usual 25 days 25%
TOTAL COST \$61,294
Bond \$30,650; surety, Globe Indem. Co; limit 250 days; forfeit, none; no plans or spec. filed.

WAREHOUSE
(74) KENTUCKY STREET; all work on warehouse near Kentucky street warehouse.
Owner—Southern Pacific Co., 65 Market st., S. F.
Architect—None.
Contractor—J. Piasecki, 1921 Fulton st., S. F.
Filed Feb. 21, 1928. Dated Feb. 14, 1928
Close of each month 75%
Usual 35 days 25%
TOTAL COST \$82,322
Bond, \$82,322; surety, United States Fidelity and Guaranty Co; limit, 25 days; forfeit, none; plans and spec. filed.
Permit applied for.

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
66	Volkman	Stockholm	76102
67	Crim	Lee	1975
68	Weinstein	Jacks	8182
69	Weinstein	Zelinsky	144
70	Weinstein	Rodoni	445
71	Southern	Papenhausen	26305
72	Italian	Lawson	85075
73	Italian	Bosch	61291
74	Southern	Piasecki	8232

RESIDENCE

(66) N BROADWAY 97-3 W Baker W 57-3xN 137-6. All work for frame residence.
Owner—Beatrice S. Volkmann, 1756 Broadway, San Francisco.
Architect—John Bakewell Jr. and Arthur Brown Jr., 251 Kearny St., S. F.
Contractor—Chas. Stockholm & Sons, Hearst Bldg., San Francisco.
Filed Feb. 16, '28. Dated Feb. 15, '28.
On 15th of each month 75%
Usual 35 days Balance
TOTAL COST not to exceed \$76,102.31, including contractor's fee of \$5000.
Bond, none. Limit, Oct. 1, 1928. Forfeit, none. Plans and specifications filed.

THEATRE

(67) E MISSION 95 N Twentieth N 165x E 245. Finish hardware for Class A Theatre building.
Owner—Geo. S., Sarah C., Grace M. and Samuel M. Crim, Wm. H. Crim Jr., 425 Kearny St., San Francisco.
Architect—Wm. H. Crim Jr. and G. A. Lansburgh, 425 Kearny St., S. F.
Contractor—Lee Hardware Co.
Filed Feb. 16, '28. Dated Jan. 26, '28.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST \$1975
Bond, \$1000. Sureties, Thos. H. Palmer and Schwartz & Bernheim; limit, as fast as required. Forfeit, \$150. Specifications only filed.

STORE

(68) SE CHESTNUT & Steiner E 100 x S 25; carpenter, mill, roofing, glass, electric work on class C concrete store building.
Owner—Isador Weinstein, 1041 Market, San Francisco.
Architect—Samuel Lightner and A. Appleton, 68 Post st., S. F.
Contractor—Jacks & Irvine, Call Bldg.
Filed Feb. 17, 1928. Dated Feb. 9, 1928
Concrete frame up 25%
Plastering finished 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST \$5182
Bond, forfeit, none; limit 70 days; plans and spec. filed.

(69) PAINTING ON ABOVE.

Contractor—D. Zelinsky & Sons, Inc.,
Filed Feb. 17, 1928. Dated Feb. 9, 1928
Completed and accepted \$108
Usual 35 days 36
TOTAL COST \$144
Bond, forfeit, none; limit, as fast as possible; plans and spec. filed.

(70) PLUMBING ON ABOVE.

Contractor—Rodoni Becker Co.
Filed Feb. 17, 1928. Dated Feb. 9, 1928
Roughed in \$166.75
Completed and accepted 167
Usual 35 days 111.25
TOTAL COST \$445
Bond, forfeit, none; limit, as soon as required; plans and spec. filed.

DWELLING

(71) LOT A BLK 3079 St. Francis Wood. All work on 2-story and basement frame dwelling and garage.
Owner—Mrs. Grace J. Sutherland.
Architect—Masten & Hurd.
Contractor—Henry Papenhausen.
Filed Feb. 17, 1928. Dated Feb. 14, 1928
Frame up \$6701.25
Brown coated 6701.25
Completed and accepted 6701.25
Usual 35 days 6701.25
TOTAL COST \$26,805
Bond, \$13,402.50; sureties, C. W. Higgins, Geo. H. Stansell; limit, 90 days; forfeit, \$10; plans and spec. filed.

HOSPITAL

(72) N BROADWAY 100 W Polk N 275 W 75 S 137.6 W 70 S 137.6 E 145; plumbing, heating and ventilating for hospital bldg.
Owner—Italian Hospital & Benevolent Assn. of San Francisco.
Architect—G. A. Applegarth, Spreckels Bldg., S. F.
Contractor—Herman Lawson, 465 Tehama st., S. F.
Filed Feb. 21, 1928. Dated Feb. 17, 1928
10 of each month 75%
Usual 35 days 25%
TOTAL COST \$85,075
Bond \$43,000; sureties, Chas. Seeley, Celia R. Petar; limit, forfeit, none; spec. only filed.

LEASES

SAN FRANCISCO COUNTY

Feb. 9, 1928—August Peterson to W. I. Wert—E Chatham pl 70 N Bush 43. x 60 known as 26 Chatham pl 5 years \$17,250.
Feb. 1, 1928—W J Johnson to Frank J. Solin—370 Hayes st 5 years \$1500.

COMPLETION NOTICES

San Francisco County

Recorded Accepted
Feb. 15, 1928—SW GUTTENBERG 81.6 NW Hanover NW 25 x SW 78. Harry Gordon to whom it may concern. Feb. 14, 1928
Feb. 15, 1928—W RUTLAND 75 S Wilde ave Lot 25 blk 39 Rels Tr. Philipp Fetz to whom it may concern. Feb. 14, 1928
Feb. 15, 1928—E 40TH AVE 125 S Judah S 25 x 120. W H Reed to whom it may concern. Feb. 10, 1928
Feb. 15, 1928—W DOUGLAS 135 N 25th 25 x 125. A L Kreuzberger to whom it may concern. Feb. 14, 1928
Feb. 15, 1928—W HOWARD 155 N 22nd N 30 x W 122.6. Emile F and Anna M Muheim to Thomas McCormick. Feb. 15, 1928
Feb. 15, 1928—NE JACKSON & ADE alley E alg Jackson 57.6 x N 137.6. Zellerbach-Levison Co to Morrison & Co. Feb. 14, 1928
Feb. 15, 28—E 42ND AV 223.8 S Clement S alg 42nd ave 25 x E 90 m or l NE about 25 m or l W 94 m or l to beg ptn O L blk 222. Mr Owen and wf Mrs Della Donnelly to Henry Papenhausen. Feb. 15, 1928
Feb. 16, 1928—W 28TH AVE 150 N Lawton N 50 x W 120. John E and Ethel M McCarthy to whom it may concern. Feb. 16, 1928
Feb. 16, 1928—E 25TH AVE 75 N Moraga N 25 x E 95 Sunset District Bldg Co to whom it may concern. Feb. 16, 1928
Feb. 16, 1928—N ARMY 150.868 E SE Mission E 59.3298 NW 96.70 to pt in SE Capp dist 162.714 NE from SE line Mission SW 50.632 SE 72.714 to beg. Peter and Goldie Funnell to whom it may concern. Feb. 16, 1928
Feb. 16, 1928—E 17TH 225 S ULLOA S 25 x 120. City Builders Finance Co to whom it may concern. Feb. 16, 1928
Feb. 16, 1928—LOT 607 & S 20 LOT 605 N line said S 20 ft being part & dist 5 S from N line lot 603 Gift Map 1. W D Down to whom it may concern. Feb. 11, 1928
Feb. 16, 1928—E 18TH AVE 125 N Ortega N 25 x E 120. Francis J Foster to whom it may concern. Feb. 15, 1928
Feb. 16, 1928—E 25TH AVE 100 N Moraga N 25 x E 120. Wm H MacKenzie to whom it may concern. Feb. 16, 1928
Feb. 17, 1928—W HEAD 250 N Garfield N 25 x 100. Gustaf P Stalin to whom it may concern. Feb. 17, 1928
Feb. 17, 1928—S 30TH 75 and 100 E Sanchez 25 x 90. Howard A and Annie E Smith to Howard A Smith. Feb. 17, 1928
Feb. 17, 1928—W CASTRO 80 S 15TH 25 x 120. Anna E and John S Moe to Henry Erickson. Feb. 17, 1928
Feb. 17, 1928—SW FRANCISCO & Grant ave rung W alg Francisco 22.6 x S 66.6 ptn 50 V lot 546. Marie Colla to Tony Damico. Feb. 15, 1928
Feb. 17, 1928—LOTS 1 & 17 BLK 3049 map blks 3048 & 3049 Monterey Hgts. Lots 3 & 4 blk 3050 map blks 3050 to 3053 and ptn blks 3053 and 3054 Westwood Highlands, lot 13 blk 3053 may blks 3050 to 3053 & ptn blks 3038 & 3054 Westwood Highlands, lot 19 blk 3041 map blk 3044 & 3043 and ptn blks 3029, 3042 and 3047 Monterey Heights. Henry and Hazel Stoneson to whom it may concern. Feb. 9, 1928
Feb. 17, 1928—SW RUDDEN AVE dist 275 SE a r a from SE Delano ave dist th alg SW Rudden ave SE 25 m or l to pt which is dist 300 SE at r a from SE Delano ave and part with SE Delano ave SW 101.263 NW 25 SE 161.157 to beg SW Rudden ave 225 SE Delano th alg SW line Rudden ave SE 25 m or l to pt which is dist 250 SE at r a from SE Delano ave th part with SE Delano ave SW

101.052 NW 25 th parl with SE Deland ave NE 100.947 to beg. Walter E Hansen to whom it may concern. Feb. 14, 1928

Feb. 17, 1928—NE JACKSON & ADE Alley E 57.6 x N 137.6. Zellerbach-Levison Co to Shipman & Lauer as Atlas Electric Co. Feb. 15, 1928

Feb. 17, 1928—LOT 11 BLK 3112 MAP Westwood Park. C A Munroe to Adolph Anderson. Feb. 11, 1928

Feb. 17, 1928—SW PACIFIC & Sansome 138.4 on Pacific x 68.9 on Sansome. Tea Garden Products Co to whom it may concern. Feb. 7, 1928

Feb. 17, 1928—LOT 15 BLK 6802 MAP Castle Manor. Castle Building Co to Nils E Johnson. Feb. 8, 1928

Feb. 17, 1928—N BALBOA 132.6 E 20th ave E 25 x N 100. E C Evans & Sons Inc to Young & Horstmeyer. Feb. 15, 1928

Feb. 20, 1928—COMG 75 S INT S Irving & E 30th ave E 82.6 x 25. Geo. F Rundle to whom it may concern. Feb. 20, 1928

Feb. 20, 1928—SE CORBETT AVE 200.1 SW Danvers SW 32 SE 88 NE 32 NW 75 to beg. lot 13 blk D Park Lane to lot also known as lot 36 blk 2659 assessors map book also known as 299 Corlett ave. Henry Schliemann to whom it may concern. Feb. 11, 1928

Feb. 20, 1928—SW WHITTIER AND Brunswick 23 x 80. Strong & Jorgenson to whom it may concern. Feb. 18, 1928

Feb. 17, 1928—E 19TH AV 200 S Ortega S 25 x E 120. N Kapustin to whom it may concern. Feb. 16, 1928

Feb. 18, 1928—E MASONIC AVE 460 S Geary S 200xE 130. Roman Catholic Archbishop of S. F. to Clinton Constr Co. of California. Feb. 11, 1928

Feb. 18, 1928—E BAKER 130 S Lombard S 25xE 106. F W Varney to whom it may concern. Feb. 17, 1928

Feb. 18, 1928—NO. 345 SAN FERNANDO Way being Lot 23 Blk 3257 Balboa Terrace. George and Josephine Stanley to whom it may concern. Feb. 17, 1928

Feb. 18, 1928—LOTS 4, 5 and 6 Blk 6971-A Sub I, Geneva Terrace. F W Varney to whom it may concern. February 17, 1928

LIENS FILED

San Francisco County

Feb. 14, 1928—LOT 11 BLK 24, Forest Hill. American Window Shade Co vs Louis Goldstein; Anna Goldstein Marian Barker, C M and Esther Jacobson. Feb. 14, 1928

Feb. 14, 1928—W SCOTT 82-6 S Filbert S 27-6xW 137-6. Atlas Heating & Ventilating Co vs Frances A Dunne; R S Schwartz and Geo Balliet. Feb. 14, 1928

Feb. 14, 1928—E MONTCALM 25 NW right of rung to alg E Montcalm N 25x E 100 known as No. 23 Montcalm St. San Francisco Terrazzo Association vs Marie Maude and Joseph Byrne; Davis Sutter and National Constr. Co. Feb. 14, 1928

Feb. 14, 1928—W SCOTT 82-6 S Filbert S 27-6xW 137-6. D & R M Leonhardt vs Frances A Dunne; Schwartz & Co and George Balliet. Feb. 14, 1928

Feb. 14, 1928—LOT 25 BLK 2, Forest Hill Tract. H E Ram vs George E and Genevieve Stinger. Feb. 14, 1928

Feb. 14, 1928—W SCOTT 82-6 S Filbert S 27-6xW 137-6. F G Norman & Sons vs Frances A Dunne, Geo Balliet; R S Schwartz; Schwartz Co. Feb. 14, 1928

Feb. 14, 1928—W SCOTT 82-6 S Filbert S 27-6xW 137-6. Richmond Sanitary Co vs R S Schwartz and Frances A Dunne. Feb. 14, 1928

Feb. 14, 1928—W BURNETT AVE 153-2 S Clarendon Ave W 103-3 S 25 E 107-5 to W Burnett Ave rung NW alg W Burnett Ave 19-0 1/2 to pt on W Burnett Ave N 5-3 1/4 to beg Lot 56 Blk 11, Clarendon Heights Sub No. 2. Joost Bros, Inc vs H Stieger and Harry P and Margaret Kavanagh. Feb. 14, 1928

Feb. 14, 1928—N EDDY 80 W Taylor W 57-6xN 137-6. Herrick Iron Works vs Joseph Greenback. Feb. 14, 1928

Feb. 14, 1928—NW THIRTY-FIRST AV and Clement. Concealo Fixture Co, Inc. vs T R Belmont. Feb. 15, 1928

Feb. 15, 1928—W SCOTT 82-6 S Filbert S 27.6 x W 137.6 J Bonadeo & Co. vs Schwartz & Co. Feb. 15, 1928

Feb. 15, 1928—W SCOTT 82-6 S Filbert S 27.6 x W 137.6 ptn W A 470. Upland

Electric Co vs Frances A Dunne. Feb. 15, 1928

Feb. 15, 1928—W SCOTT 82-6 S Filbert S 27.6 x W 136.6 E 137.6 W A 470. Jas F Smith vs Frances A Dunne, George Balliet, B L Schwartz and Schwartz & Co. Feb. 15, 1928

Feb. 15, 1928—N VALLEJO 150 E Laguna E 50 x N 127.6. Uhl Bros vs Lynman J Potter. Feb. 15, 1928

Feb. 15, 1928—LOT 15 BLK 9 Ingleside Terrace. California Steel Products Co vs Domestic Engineering Corp & Thomas J Stephens. Feb. 15, 1928

Feb. 15, 28—E TWENTY SECOND 122.6 E Mission S 120 x E 23. Albert Cook vs Thomas A Lofthus and H and Elsie Schwartz. Feb. 15, 1928

Feb. 15, 1928—S SADOWA 480 W Capitol ave W 25 x S 125 being lot 16 blk C Railroad Hd Assn No 2, Albert Cook vs Eleanor Halmon and John Doe Mills. Feb. 15, 1928

Feb. 15, 1928—NW SAN MIGUEL 34 SW Mount Vernon ave SW alg NW San Miguel 66 x NW 100. W J Detjen vs Elizabeth De Brien. Feb. 15, 1928

Feb. 15, 1928—LOT 7 BLK 2706 ASSESSORS map 150 S Clarendon ave on Twin Peaks bldg known as 228 Twin Peaks bldg. Electric Equipment & Installation Co vs H Kavanagh and H Steiger and Marry P and Margaret Kavanagh. Feb. 15, 1928

Feb. 15, 1928—S CLEMENT 27.6 E 15th ave E alg S Clement 52.6 x S 100 ptn Richmond blk 195 also known on assessors map as lots 48 & 49 blk 1446. Hans Dobkowitz vs I Epp & Son. Feb. 15, 1928

Feb. 15, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6. John J Delucchi vs George Balliet, R L Schwartz and Schwartz & Co. Feb. 15, 1928

Feb. 15, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6 W F Vitt as Vitt Electrical Co, #470; A F Pierson, #368.60; Geo E Muncaster, #449; Lamey Bros Tile Co, #65; vs Schwartz & Co. composed of R L Schwartz, George Balliet and Frances A Dunne. Feb. 16, 1928

Feb. 16, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6 J W Bender Roofing & Painting Co vs Schwartz & Co. Feb. 16, 1928

Feb. 16, 1928—W SCOTT 82.6 S Filbert S alg W Scott 27.6 x W 137.6 ptn W A 470. Friedman Bros vs Schwartz & Co. Feb. 16, 1928

Feb. 16, 1928—NW SAN MIGUEL 34 SW Mt Vernon SW 66 x NW 100 Getz Addn to Lakeview. Spring Valley Lumber Yard vs John E and Elizabeth De Brien. Feb. 16, 1928

Feb. 16, 1928—NW SAN MIGUEL 34 SW Mt Vernon SW alg NW San Miguel 66 x NW 100 ptn Getz Add to Lakeview. H R Cinnamond vs Elizabeth De Brien and Irvar Holmskog. Feb. 16, 1928

Feb. 16, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6 known as lot 2 blk 945 assessors map book. D N & E Walter & Co. vs Miss Frances Dunne. Feb. 16, 1928

Feb. 16, 1928—S FELL 127.6 E Laguna E 55 x S 120 to N Hickory. L A Hufschmidt Mfg Co vs Fred and Cecilia Hechter. Feb. 16, 1928

Feb. 16, 1928—W SCOTT 82.6 S Filbert S 17.6 x W 137.6. Martin Nelson vs R S Schwartz and George Balliet as Schwartz & Co, and Frances A Dunne. Feb. 16, 1928

Feb. 16, 1928—N GREEN 150 E VAN Ness ave E alg N Green 35 x N 125 J H McCallum vs J Bonzell, William D and P L Shea. Feb. 16, 1928

Feb. 16, 1928—NW SLOAT BLVD AND 47th ave. D Kruger vs George N Kelymer, Harry M Siegler & C T Parker. Feb. 16, 1928

Feb. 16, 1928—LOT 11 BLK 24 FOREST Hill, Malott & Peterson to Marion Barker, Louis Goldstein, Esther H and C M Jacobsen. Feb. 16, 1928

Feb. 16, 1928—NW CLEMENT & 31st ave W 32.6 x N 100. Malott & Peterson vs T R and Helen M Belmont. Feb. 16, 1928

Feb. 11, 1928—LOT 56 BLK 11, Map Sub. No. 2 Clarendon Heights. Standard Bldg Materials Co vs Harry and Margaret Kavanagh and H Steiger. Feb. 17, 1928

Feb. 17, 1928—E PALM AVE 287 N Geary N alg E Palm ave 36.4 x E 120 Frank J Klimm Co vs M C Ingraham Sidney Zobel and Helen Zobel. Feb. 17, 1928

Feb. 17, 1928—NW SLOAT BLVD & 47th ave W alg N Sloat blvd 182.343 to E Great Highway N 121.216 to S Wawona E 188.196 to W 47th ave S 121.112 to N Sloat blvd and pt of beg being lot 1 blk 2516 assessors map hook. Frank J Klimm Co vs

H M Seigler, George N Klemyer, R A Lee and C F Parker. Feb. 17, 1928

Feb. 17, 1928—N JEFFERSON 106.3 W Scott W 100 x N 159.4, Gladding, McBean & Co. vs Progressive Tile & Mantle Co and R E Romano. Feb. 17, 1928

Feb. 17, 1928—LOT 11 BLK 24 Amended map Forest Hill also known as lot 6 blk 2860 assessors may. Fred Dittmann vs Louis Goldstein, Marion Barker, C M and Esther Jacobson. Feb. 17, 1928

Feb. 17, 1928—LOT 11 BLK 24 Forest Hill. Richmond Sanitary Co vs L Goldstein, Esther H Jacobsen. Feb. 17, 1928

Feb. 17, 1928—N LAKE 36.6 E 11th ave E 32.6 x N 72. W B Hocking vs Mane Rosener, Heyman Bros. Feb. 17, 1928

Feb. 17, 1928—LOT 25 BLK 2 Forest Hill. Richmond Sanitary Co vs L Goldstein, George E Steinger. Feb. 17, 1928

Feb. 17, 1928—N GREEN 150 E VAN Ness ave E 35 x N 125. Eisele & Dondero Marble Co vs William I and P L Shea. Feb. 17, 1928

Feb. 17, 1928—W DRUMM 121.8 N California N alg W Drumm 30 x W 70 lot 5 blk 235 assessors map book Ajax Electric Co vs De Boom Paint Co, William J De Boom and Alex Wolfen. Feb. 17, 1928

Feb. 17, 1928—W YORK AT INT WITH N line Holladay ave & rung N approx 65 W 70 S 65 m or l to N Holladay ave E 80 m or l aing N Holladay ave to pt of beg being lots 1413, 1414 & 1415 Gift Map No 3. A G Raisch vs Charles M and Jane Doe Duenwald. Feb. 16, 1928

Feb. 16, 1928—N GREEN 150 E Van Ness ave E 25 x N 125. Adriano Ramazzotti vs P L and W D Shea. Feb. 16, 1928

Feb. 16, 1928—S VALLEJO 137.6 W Gough W 60 x S 137.6. Frederick Steel Co vs California Real Estate & Finance Co. Feb. 17, 1928

Feb. 17, 1928—N JEFFERSON 106.3 W Scott W alg N Scott 100 x N 159.4 P E O'Hare & Co vs W McWhirter. Feb. 18, 1928

Feb. 18, 1928—E PALM AVE 287 N Geary N 36-4xE 120. Smith Lumber & R E Romano. Feb. 18, 1928

Feb. 18, 1928—NW GEARY AND Thirty-second Ave N 100xW 50. Hock & Hoffmeyer vs Ella C and Louis Graham. Feb. 20, 1928

Feb. 20, 1928—LOT 11 BLK 2483 Assessors map West Portal Park. Perry Pencovic vs J E Sprague. Feb. 20, 1928

Feb. 20, 1928—SE SAN FRANKBANK 40 NE from SW line lot 14 rung NE alg San Frankbank 53.468 to pt dist 10 SW from NE line lot 15 rung SE and parl with NE line lot 15, 80 m or l to SE line thereof rung SW alg SE line lots 14 & 15 45 m or l to pt on SE line lot 14 dist 10 SW from NE line thereof meas at r a thereto rung NE & parl with last line 95 m or l to pt of beg. California Steel Products Co vs Domestic Engineering Corp and Elene M Miller. Feb. 20, 1928

Feb. 20, 1928—N JEFFERSON 106.3 W Scott W 100 x 159.4. M. Schimetschek vs R E Romano. Feb. 20, 1928

Feb. 20, 1928—W ELEVENTH AVE 250 S California S 25xW 120. Arthur W Lundblad vs R Leon Lawrence and O B Moe. Feb. 20, 1928

Feb. 20, 1928—NW SLOAT BLVD and Forty-seventh Ave. Frank W Dunn Co vs George N Klemyer; Harry W Seigler; C F Parker and D Krueger. Feb. 20, 1928

RELEASE OF LIENS

San Francisco County

Recorded	Amount
Feb. 14, 1928—N ARMY 131-8 W Church W alg N Army 28-4xN 114 Ptn Blk 92 H A. Crane Co to Giuseppe and Maria Bonici; G Carraro and Charles Carliani	\$246.66
Feb. 14, 1928—W HOLYOKE 75 S Wayland S alg W Holyoke 37-6xW 120 Ptn Lot 1 Blk 6054 being known fmly as Blk 32. University Mount Tract Survey. Crane Co to G B Garibaldi; G Carraro and Charles Carliani.	\$67.72
Feb. 14, 1928—S TWENTY-THIRD 125 E Church E 25xS 100. Bowman Plumbing Supply Co to M J McCloud and Charles Carliani	
Feb. 14, 1928—LOT 26 BLK 2, Forest Hill Tract. H E Ramm to Marion and Ruth Barker and Carroll J Gallagher	
Feb. 15, 1928—SLOAT BLVD. Ptn Lake Merced Ranch. O S and William	

Nalpanian to Spring Valley Water Company\$385.50
 Feb. 15, 1928—LOT 22 BLK 19 St Francis Wood Extn 2, Smith Lumber Co or S R to Robt R and Jeanette Newell M C Ingraham.
 Feb. 15, 1928—W ARGUELLO BLVD at or about opp termination of Turk. W E Trousdale to Maude E and Harry E Schoenfeld.
 Feb. 14, 1928—N SUTTER 167-3 W Octavia W 47-3xN 137-6. Sibley Grading & Teaming Co to G E and Gertrude H Watson.
 Feb. 16, 1928—SE CLEMENT & 31ST ave E 2.6 x S 50. Schoenfeld Planning Mill Co to
 Feb. 14, 1928—S O'FARRELL 97.6 W Polk W 40 x S 120. Sibley Grading & Teaming Co., Christensen Lumber Co, United States Metal Products Co Steel Service Co, Berger Alg Co of Cal, Guildoy Cornice Works, Morris Rubin, Lewis Hardwood Floor Co, Wm A Rainey & Son, Malott & Peterson, to John Spargo, Edward B Noble, John Spargo & Son.
 Feb. 20, 1928—NE 20TH AVE & Ulloa 33.4 x 120. Maximilian A and Theresa M Buchner to Albert Cook\$53.45

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
335	Atley	Thams	7500
336	Bourne	Brazier	6000
337	Christensen	Owner	14000
338	Davis	Swift	2500
339	Robie	Art	3500
340	Wells	Mello	1000
341	Bailey	Owner	1900
342	Happer	Gibson	7000
343	Luick	Ungaretti	4000
344	Marrin	Graff	1000
345	Roberts	Gow	4000
346	Rogers	Rogers	5200
347	Thompson	Cone	1800
349	Cregue	Owner	4000
349	Cregue	Owner	4000
350	Parsons	Owner	2000
351	Thornberg	Owner	2000
352	Adams	Wright	1000
353	Aronsen	Hillen	1000
354	General	Owner	3000
355	Echcugaray	Owner	2500
356	Heroux	Owner	5000
357	Page	Owner	27000
358	Rice	Owner	4000
359	Williams	McNair	1880
360	Short	Owner	7000
361	Lantry	Owner	3750
362	Pfrang	Owner	10800
363	Steige	Runinghaus	6000
364	Wells	Rose	1000
365	Weston	Owner	4250
366	Malley	Owner	20000
367	Peterson	Taylor	15000
368	Phelan	Owner	3500
369	Reynolds	Owner	2500
370	Settenright	Owner	2500
371	Alsgood	Warn	7300
372	Anderson	Owner	3900
373	Barr	Reimers	6500
374	Caswell	Heath	12000
375	Cunningham	Harwood	6000
376	Dimmer	Bertelsen	9000
377	Howard	Walsh	53750
378	Klingler	Woolley	10000
379	McCord	Owner	2100
380	McCord	Owner	1000
381	Migliavacchi	Kopf	16500
382	Phillips	Orton	1900
383	Schst	Vaughn	13600
384	Warren	Owner	2750
385	Justice	Owner	3500
386	Rissman	Fish	4000
387	St. Joseph's	Owner	35000
388	Correia	Owner	3000
389	Gatzert	Owner	3400
390	Hendrickson	Owner	2000
391	Pascoe	Flagg	4000
392	Paul	Haskell	8250
393	Sigwald	Owner	3325
394	Stevens	Costa	2600

RESIDENCE
 (335) 72 EL CAMINO REAL, Berkeley;
 2-story 6-room residence and garage.
 Owner—Seth Atley.
 Architect—Clarence A. Caulkins, 2402 Dana st., Berkeley.
 Contractor—C. H. Thams, 28 Home place, Berkeley. \$7500

RESIDENCE
 (336) 2356 CORONA Court, Berkeley; 2-story 6-room residence.

Owner—W. S. Bourne, 1199 Spruce st., Berkeley.
 Architect—J. H. Thomas, Berkeley.
 Contractor—J. W. Brazier, 1227 Spruce st., Berkeley. \$6000

FACTORY
 (337) E HOLLIS St. 250 N Park ave., Emeryville; 1-story brick factory.
 Owner—H. J. Christensen, 505 17th st. Oakland.
 Architect—None. \$14,000

ALTERATIONS
 (338) 3033 BATEMAN St., Berkeley; alterations.
 Owner—J. Davis, Walnut Creek.
 Architect—None.
 Contractor—J. W. Swift, 6009 Claremont ave., Oakland. \$2500

ALTERATIONS
 (239) 2109 VIRGINIA St., Berkeley; alter cleaning works.
 Owner—R. W. Robie, 611 Colusa ave., Berkeley.
 Architect—None.
 Contractor—The Art Builders, 1927 Napa ave., Berkeley. \$3500

RESIDENCE
 (340) 727 HEARST Ave., Berkeley; 1-story 4-room residence.
 Owner—F. O. Wells, 4th and Hearst ave., Berkeley.
 Architect—None.
 Contractor—F. O. Mello. \$1000

GARAGE
 (341) S 18TH ST. 34 W Market, Oakland; 1-story concrete and tile garage.
 Owner—Ben Bailey, 1524 Linden st., Oakland.
 Architect—None. \$1900

ADDITION
 (342) 3607 ARDLEY St., Oakland; addition.
 Owner—E. Happer.
 Architect—None.
 Contractor—O. E. Gibson, 3927 Maple ave., Oakland. \$7000

DWELLING
 (243) N SUNNYSIDE Ave. 230 E 92nd ave., Oakland; 1-story 5-room dwelling.
 Owner—Vincent Luick.
 Architect—None.
 Contractor—Chas. Ungaretti, 1393 18th st., Oakland. \$4000

SERVICE STATION
 (344) NE 10TH & Franklin sts., Oakland; 1-story steel service station.
 Owner—P. Marrin, 10th and Franklin sts., Oakland.
 Architect—None.
 Contractor—E. Graff, 420 Lee st., Oakland. \$1000

DWELLING
 (345) S HOPKINS St. 163 E Montana st., Oakland; 1-story 5-room dwelling.
 Owner—W. G. Roberts, Hopkins and Montana, Oakland.
 Architect—None.
 Contractor—Andrew B. Gow, 1030 Webster st., Oakland. \$4000

DWELLING
 (246) N FERNWOOD Dr. 300 E Florence ave., Oakland 2-story 5-room dwelling and garage.
 Owner—A. J. Rogers, 4129G Penniman ave., Oakland.
 Architect—None.
 Contractor—Rogers & Rogers, 2323 Shattuck ave., Berkeley. \$5200

ALTERATIONS
 (347) 3000 HOWE St., Oakland; alterations.
 Owner—E. Thompson, 3553 Howe st., Oakland.
 Architect—None.
 Contractor—W. C. Cone, 1103 Federal Bldg., Oakland. \$1500

DWELLING
 (348) NO. 2000-02-04-06 MABEL, Berkeley. One-story 3-room 4-family dwelling.
 Owner—L. Cohn, 3736 E-Fourteenth St., Oakland.
 Architect—None. \$5000

RESIDENCE
 (349) NO. 2308 CALIFORNIA ST., Berkeley. One-story 3-room 1-family residence.
 Owner—L. K. Creque, 1203 Hopkins St., Oakland.
 Architect—None. \$4000

ALTERATIONS
 (350) NO. 2639 HILGARD AVE., Berkeley. Alterations.
 Owner—Parsons & Schuster, 2424 Curtis St., Berkeley.
 Architect—None. \$—

DWELLING
 (351) NO. 1805 SPRUCE ST., Berkeley. One-story 2-room dwelling.
 Owner—Jack Thornberg, 1843 Spruce St., Berkeley.
 Architect—None. \$2000

REPAIRS
 (352) 6215 DOVER St., Oakland; fire repairs.
 Owner—F. A. Adams.
 Architect—None.
 Contractor—Curtis Wright, 2716 Telegraph ave., Oakland. \$1000

ADDITION
 (353) 2221 SANTA RITA St., Oakland; addition.
 Owner—H. Aronsen.
 Architect—None.
 Contractor—K. C. Hillen, 5364 Trask st., Oakland. \$1000

RADIO STATION
 (354) 5441 EAST 14TH ST., Oakland; 1-story radio station.
 Owner—General Electric Co., 5441 E-14th st., Oakland.
 Architect—None. \$3000

DWELLING
 (355) 1611 101ST AVE., Oakland; 1-story 4-room dwelling.
 Owner—Marino Echcugaray, 2000 103rd ave., Oakland.
 Architect—None. \$2500

DWELLING
 (356) S EL CENTRO Ave. 120 W Glendora ave., Oakland; 2-story 6-room dwelling.
 Owner—F. A. Heroux, 4763 El Centro ave., Oakland.
 Architect—None. \$5000

DWELLINGS
 (357) 3500-06-14-20-26-32-38-44-50 69TH Ave., Oakland; nine 1-story 5-room dwellings.
 Owner—Mark Page, 2515 Mason st., Oakland.
 Architect—None. \$3000 ea

APARTMENTS
 (358) 2802 ELEVENTH Ave, Oakland; alter. to apartments.
 Owner—H. E. Rice, 2802 11th ave., Oakland.
 Architect—None. \$4000

ALTERATIONS
 (359) GORE GLENBROOK and Bowling drives, Oakland; alterations.
 Owner—Andrew Williams.
 Architect—Hussey & Belcher, Syndicate Bldg., Oakland.
 Contractor—Robert McNair, 3819 Rhoda ave., Oakland. \$1880

DWELLING
 (360) N CARLSTON Ave. 450 W Mandana blvd., Oakland; 2-story 7-room dwelling.
 Owner—Louise H. Short, 574 Rosal ave., Oakland.
 Architect—None. \$7000

RESIDENCE
 (361) NO. 1308 SIXTY-SIXTH, Berkeley One-story 6-room 1-family residence and garage.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
 905 SIXTH STREET

Owner—J. R. Lantry, 739 Aileen St., Oakland.
Architect—None. \$3750

RESIDENCES
(362) NO. 2631-2637 DANA, Berkeley.
Two one-story 6-room 1-family residences and garages.
Owner—C. J. Pfirang, 6300 Claremont Ave., Oakland.
Architect—None. \$5400 each

DWELLING
(363) NO. 2112 GRANT ST., Berkeley.
One-story 8-room 2-family dwelling.
Owner—Catherine Steige, Liberty St., San Francisco.
Architect—None.
Contractor—B. Runinghaus, Hotel Claremont, Berkeley. \$6000

ALTERATIONS
(364) NO. 2110 MCKINLEY AVE., Berkeley. Alterations.
Owner—G. A. Wells, 1816 Addison St., Berkeley.
Architect—None.
Contractor—A. H. Rose, 3838 35th Ave., Oakland. \$1000

RESIDENCE
(365) NO. 80 HALKIN LANE, Berkeley.
One-story 6-room 1-family residence.
Owner—J. O. Weston, 1731 Dwight Way, Berkeley.
Architect—None. \$4250

STORES
(366) W LAKESHORE AVE 600 S Mandana Blvd., Oakland. One-story brick stores.
Owner—F. T. Malley, 3788 Lakeshore Ave., Oakland.
Architect—A. W. Smith, 1st National Bk. Bldg., Oakland. \$20,000

DWELLING
(367) S BROOKDALE AVE 110 W Thirty-eighth Ave., Oakland. One-story 20-room 8-family dwelling.
Owner—Lorana Peterson, 2223 Telegraph Ave., Oakland.
Architect—A. W. Smith, 1st National Bk. Bldg., Oakland.
Contractor—Guy Taylor, 1738 Parker St., Berkeley. \$15,000

DWELLING
(368) N ST. CROIX AVE 500 E Lincoln Ave., Oakland. One-story 6-room dwelling.
Owner—Frank D. Phelan, 2518 St. Croix Ave., Oakland.
Architect—None. \$3500

DWELLING
(369) N WYMAN 50 W Wyman Place, Oakland. One-story 4-room dwelling.
Owner—Geo. Reynolds, 15 Wyman Place, Oakland.
Architect—None. \$2500

GARAGE
(370) N E-TWELFTH 100 W Eighth Ave., Oakland. One-story brick garage.
Owner—J. G. Seltentright, 1226 7th St., Oakland.
Architect—None. \$2500

DWELLING
(371) N SWAINLAND Rd. 100 W Broadway Terrace, Oakland; 1-story 9-rm. dwelling and garage.
Owner—C. Alsgood, Clifton and Shafter ave., Oakland.
Architect—None.
Contractor—Warn Bros., 419 E Merle ct., S. L. \$7300

STORE
(372) W 73RD AVE. 50 S Bissell st., Oakland; 2-story 3-room dwelling and store.
Owner—A. T. Anderson, 9302 Birch st., Oakland.
Architect—None. \$3000

DWELLING
(373) 12 HILLWOOD Place, Oakland; 2-story 6-room dwelling.

Owner—R. H. Barr, 1818 Tacoma st., Berkeley.
Architect—R. T. Keefer, Franklin Bldg., Oakland.
Contractor—I. H. Reimers, 12 Wildwood ave., Oakland. \$9500

WAREHOUSE
(374) NW 20TH & Adeline sts., Oakland; 1-story brick warehouse.
Owner—Geo. W. Caswell, 1920 Grove st., Oakland.
Architect—None.
Contractor—Heath & Wendt, 2116 Allston way, Berkeley. \$12,000

DWELLING
(375) W RAWSON St. 50 N Fleming ave., Oakland; 1-story 6-room dwelling.
Owner—H. G. Cunningham, 2097 39th ave., Oakland.
Architect—None.
Contractor—W. P. Harwood, 3514 Lyon ave., Oakland. \$6000

STORES
(376) 2926 DOMINGO, Berkeley; 1-story frame (3) stores.
Owner—J. Dimmer, 844 Hyde st., S. F. Architect—None.
Contractor—S. J. Bertelsen, 30 Estrella ave., Richmond. \$9000

WAREHOUSE
(377) S FIRST St. 700 W Market, Oakland; 1-story brick warehouse.
Owner—Howard Co., 1st and Market sts., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—J. T. Walsh, 608 Woodland ave., S. L. \$53,750

DWELLING
(378) W LEIMERT Blvd., lot 1 block 12, Oakland; 2-story 8-room dwelling.
Owner—G. Otto Klingler.
Architect—Miller & Warnecke, 1404 Franklin st., Oakland.
Contractor—B. F. Woolley, 159 Thorn rd., Oakland. \$10,000

DWELLING
(379) S ARKANSAS St. 400 E Laurel ave., Oakland; 1-story 3-room dwelling and garage.
Owner—J. A. McCord, 3458 Davis st., Oakland.
Architect—None. \$2100

(380) S ARKANSAS St. 460 E Laurel, Oakland; 1-story 3-room dwelling.
Owner—J. A. McCord, 3458 Davis st., Oakland.
Architect—None. \$1000

(381) 1237 ASHMONTE Ave., Oakland; 2-story 9-room dwelling.
Owner—Sero Miglivacca, Uplands, Berkeley.
Architect—K. E. Ponsford, 900 Creed rd., Oakland.
Contractor—B. F. Kopf, 845 Pacific ave., Alameda. \$16,500

ADDITION
(382) NE 23RD AVE. and E-14th st., Oakland; addition.
Owner—R. Phillips.
Architect—None.
Contractor—A. E. Orton, 5748 E-14th st., Oakland. \$1900

DWELLING
(383) N LONGRIDGE Rd. 100 E Carlston ave., Oakland; 2-story 8-room dwelling.
Owner—Wm. H. Sohst, 27th and Broadway, Oakland.
Architect—Slocumbe & Tuttle, Howden Bldg., Oakland.
Contractor—Wiley T. Vaughn, 501 Waldon ave., Oakland. \$13,600

DWELLING
(384) 3800 35TH AVE., Oakland; 1-story 5-room dwelling and garage.
Owner—W. H. Warren, 3502 Ft. Blvd., Oakland.
Architect—None. \$2750

DWELLING
(385) NO. 2522 BAY ISLAND AVE., Alameda. One-story 5-room stucco finish dwelling.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
Architect—None. \$3500

DWELLING
(386) NO. 2524 CENTRAL AVE., Alameda. Two-story 5-room stucco finish dwelling.
Owner—Herman Rissman, 2516½ Central Ave., Alameda.
Architect—Herman Rissman, 2516½ Central Ave., Alameda.
Contractor—M. Fish, 1333 Fountain St., Alameda. \$4000

SCHOOL
(387) NE SAN ANTONIO AND LAFAYETTE, Alameda. Reinforced concrete high school.
Owner—St. Joseph's Parish, Rev. J. B. Praught, Pastor, Premises.
Architect—Henry A. Minton, Underwood Bldg., San Francisco. \$35,000

DWELLING
(388) W Fremont st., 150 N 59th st., Oakland; 1S 5-rm. dwelling.
Owner—A. E. Correia, 2744 Mathew st., Berkeley.
Architect—None.
Contractor—Owner. \$3,000

STORE
(389) SE 14th st., 100 E 72nd ave., Oakland; 1S store.
Owner—H. Gatzert, 104 Greenwood ave., Piedmont.
Architect—None.
Contractor—Chas. Anderson, 2142-25th ave., Oakland. \$3,400

ALTERATIONS
(390) 1949-10th ave., Oakland; alterations and addition.
Owner—R. Hendrickson, 1949-10th ave., Oakland.
Architect—None.
Contractor—Owner. \$2,000

DWELLING
(391) 4211 Atlas ave., Oakland; 1S 5-rm dwelling.
Owner—A. Pascoe, 1437-40th ave., Oakland.
Architect—None.
Contractor—J. S. Flagg, 2501 Best ave., Oakland. \$4,000

DWELLING
(392) 763 Rosemont Road, Oakland; 2S 8-rm dwelling.
Owner—G. Gibson Paul, 240 Grand ave., Oakland.
Architect—Williams & Wastell, 374-17th st., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway ave., Oakland. \$2,250

TRAILING AND GARAGE
(393) 2874 Morgan st., Oakland; 1S 6-rm dwelling and 1S Garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None.
Contractor—owner. \$3,200 and \$125

DWELLING
(394) 1180-62nd st., Oakland; 1S 4-rm dwelling.
Owner—Frank & Mary Stevens, no address, Oakland.
Architect—None.
Contractor—Manuel Costa, 2813 Fulton st., Berkeley. \$2,600

BUILDING CONTRACTS

Alameda County

42 Hillcrest	Troy	170000
43 Pacific	Judson	18875
44 Bowles	Truscon	8600
45 Bowles	Neal	11900
46 Bowles	Rigney	4797
47 Bowles	Rodgers	2075
48 Bowles	Alta	6428
49 Carlson Hammer	Anderson	7700
51 Hillcrest	Bartelson	8470
52 Hillcrest	Anderson's	11400
53 Hillcrest	Scherer	10291

HOSPITAL
(42) N ORCHARD St. 150 W Summit st., Oakland; install laundry machinery in hospital bldg. and power plant.
Owner—Hillcrest Hospital Inc., Oakland.
Architect—Reed & Corlett, 1801 Oakland Bank Bldg., Oakland.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

Contractor—Troy Laundry Machinery Co., Inc.
 Filed Feb. 15, 1928. Dated Jan. 5, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST, \$17,000
 Bond, \$8500; surety, Pacific Indem. Co.;
 limit, forfeit, none; plans and spec. filed.

OFFICE BLDG.

(43) S 45TH ST. 170.56 E Telegraph ave.,
 Oakland; furnish structural steel for
 2-story and basement office bldg.
 Owner—Pacific Tel & Tel Co., 140 Mont-
 gomery st., S. F.
 Architect—Chief Engineer Pac T. & T.
 Co.

Contractor—Judson Pacific Co.
 Filed Feb. 16, 1928. Dated Feb. 9, 1928
 Delivery of material up to and
 including 1st floor beams95%
 Usual 35 days5%

DORMITORY

(44) CAMPUS OF UNIVERSITY OF
 California; exterior steel windows,
 etc., for 7-story reinf. conc. dormi-
 tory bldg.

Owner—Mary A. Bowles, Sharon Bldg.,
 S. F.
 Architect—George W. Kelham, 315 Mont-
 gomery st., S. F.
 Delivery of balance95%
 Bal. not to exceed 40 days after de-
 livery.

TOTAL COST \$18,875
 Bond \$18,875; surety, Pacific Indem. Co.;
 forfeit, limit, none; plans and spec. filed.

Contractor—Truscon Steel Co., Sharon
 Bldg., S. F.
 Filed Feb. 15, 1928. Dated Jan. 24, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$8600
 Bond \$4300; surety, Great Am. Indem.
 Co.; limit, forfeit, none; plans and spec.
 filed.

(45) PAINTING ON ABOVE.

Contractor—The Neal Co., 447 Ivy, San
 Francisco.

Filed Feb. 15, 1928. Dated Feb. 1, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$11,900
 Bond \$5950; surety, Columbia Casualty
 Co.; limit, forfeit, none; plans and spec.
 filed.

(46) TILE WORK ON ABOVE.

Contractor—Rigney Tile Co., 666 Mission
 st., S. F.

Filed Feb. 15, 1928. Dated Feb. 1, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$4797
 Bond \$2399; surety, Union Indem. Co.;
 limit, forfeit, none; plans and spec. filed.

(47) APPLYING CONCRETE FLOOR

hardener on above.

Contractor—J. E. Rodgers & Co., 55 New
 Montgomery st., S. F.

Filed Feb. 15, 1928. Dated Jan. 25, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$2075
 Bond \$1038; surety, National Surety Co.;
 limit, forfeit, none; plans and spec. filed.

(48) COMPOSITION AND TERRA Cotta

Tile roofing work on above.

Contractor—Alta Roofing Co., 225 Gough
 st., S. F.

Filed Feb. 15, 1928. Dated Jan. 27, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$6428
 Bond, \$3214; surety, National Surety Co.;
 limit, forfeit, none; plans and spec. filed.

RESIDENCE

(49) LOT 352 BLK T, Fernside Tract,
 Alameda. All work for residence.

Owner—Mrs. E. Carlson, 5034 Fairfax
 St., Alameda.

Architect—None.

Contractor—Walter H. Anderson, 1014
 Doris Court, Alameda.

Filed Feb. 18, '28. Dated Feb. 17, '28.

Rafters placed\$1925
 Rough plastered1925
 When completed1925
 Usual 35 days1925

TOTAL COST, \$7700
 Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

STORE BLDG.

W DOMINGO AVE 90 N Ashby
 Ave. All work for store building.

Owner—J. Dimmer, Monadnock Bldg.,
 San Francisco.

Architect—None.

Contractor—S. J. Bartelsen, Piedmont.

Filed Feb. 18, '28. Dated Feb. 17, '28.
 Roof on\$2114
 Brown coated2114
 When completed2114
 Usual 35 days2128

TOTAL COST, \$8470
 Bond, \$4500. Sureties, Earl Cartan and
 Erick Meyer. Limit, 93 days. For-
 feit, \$10 per day. Plans and specifications
 filed.

HOSPITAL

(51) 30TH ST. bet. Summit St. and
 Telegraph ave.; furnishing and lay-
 ing linoleum.

Owner—Hillcrest Hospital Inc., Oakland.

Architect—None.

Contractor—Anderson's Carpet House,
 519 13th st., Oakland.

Filed Feb. 20, 1928. Dated Jan. 24, 1928
 10th of following month75%
 Usual 35 days25%
TOTAL COST \$11,400

Bond, \$5700; surety, Pacific Indem. Co.;
 limit, forfeit, none; plans and spec. filed.

(52) STERILIZING EQUIPMENT TO
 include 32 Warren Webster Traps
 No. 78, on above.

Contractor—R. L. Scherer Co., 2225 Clin-
 ton, Oakland.

Filed Feb. 20, 1928. Dated Jan. 3, 1928
 10th of following month75%
 Usual 35 days25%
TOTAL COST \$10,291.35

Bond \$5146.35; surety, Pacific Indem. Co.;
 limit, forfeit, none; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted
 Feb. 16, 1928—SE ADDISON & GROVE

sts, Berkeley. Framot Temple Assn
 Inc to Sommarstrom Bros Co.

Feb. 17, 1928—697 JUANA AVE, San

Leandro. Elling Bonde to whom it

may concern. Feb. 10, 1928

Feb. 17, 1928—LOT 15 & PTN LOT 16

Blk G, Fairview Heights, Oakland

Roy Linnbach to whom it may con-
 cern. Feb. 5, 1928

Feb. 17, 1928—LOT 124 & NE 19 FT

lot 123 blk 16 Amended map of Hav-
 enscourt, Oakland. George N Rich-
 mond to whom it may concern. Feb. 16, 1928

Feb. 16, 1928—NW LINE PARROTT ST

42 NE Hayes, San Leandro. Vincent

Giannoni to whom it may concern. Feb. 14, 1928

Feb. 16, 1928—W SHATTUCK AVE,

Bancroft way to Durant ave, Berke-
 ley. T W Corder Inc to The Scott
 Co. Feb. 15, 1928

Feb. 16, 1928—LOT 15 BLK 2, Shat-
 tuck Track No 2, Berkeley. Chas W
 and Mary Scanlon to Conner & Con-
 ner. Feb. 15, 1928

Feb. 16, 1928—NW ADDISON & Acton

sts, Berkeley. Annie Gutzen to whom
 it may concern. Feb. 6, 1928

Feb. 16, 1928—2220 HASTE ST, Berke-
 ley. Lewis A Sanders to whom it may
 concern. Feb. 10, 1928

Feb. 16, 1928—2119 88TH AVE, Oak-
 land. Sarah G Polk to Fred E Pfaff
 Feb. 15, 1928

Feb. 16, 1928—3724 SUTTER St., Oak-
 land. W J Kenworthy to whom it

may concern. Aug. 15, 1927

Feb. 16, 1928—NE HOPKINS & PARK

Blvd, Oakland. A C Karski to Ken-
 worthy & Ingler. Jan. 10, 1923

Feb. 16, 1928—W ALICE ST NEAR

14th st, Oakland. Harrison Realty Co
 Inc to F C Stolte. Feb. 15, 1923

Feb. 14, 1928—1524 DELAWARE ST.,

Berkeley. J F Hubbard to whom it
 may concern. Feb. 11, 1923

Feb. 14, 1928—1601 1600 OAKS BLVD,

Berkeley. J F Hubbard to whom it
 may concern. Jan. 15, 1923

Feb. 15, 1928—LOT 16 BLK 21, MAP

ppy of L M Beaudry and G Peladeau
 Emeryville. A E Correia to whom it
 may concern. Feb. 14, 1923

Feb. 15, 1928—726 CHETLAND St., San

Leandro. Henry Holland to Holland
 & Stewart. Feb. 14, 1923

Feb. 15, 1928—S LINE EAST 20TH ST

60 W 27th ave, Oakland. C L Gifford
 to Ariss-Knapp Co. Feb. 8, 1923

Feb. 18, 1928—HIGH ST, OAKLAND,

Southern Pacific Co to Hutchinson Co
 Feb. 15, 1923

Feb. 18, 1928—BERKELEY, Southern

Pacific Co to Hutchinson Co. Feb. 12, 1923

Feb. 18, 1928—LOT 5 BLK C Excelsior

Heights, Oakland. H A Norton to
 whom it may concern. Feb. 15, 1923

Feb. 18, 1928—796 CRAGMONT AVE,

Berkeley. Dante and Marye L Traver-
 saro to A A Haskell. Feb. 10, 1923

Feb. 18, 1928—LOTS 23 & 24 BLK 35

Solano Avenue Terrace, Berkeley.
 Frank Stokes to whom it may con-
 cern. Feb. 15, 1923

Feb. 20, 1928—PTN LOT 14 BLK 9,

Fourth Avenue Heights, Oakland.
 Verna M Bowne to Carl Lassen. Feb. 16, 1923

Feb. 20, 1928—LOT 15 MOUNT Vernon

Park tct, Oakland. Security Inv. Corp
 of Oakland to Charles J and Thomas
 J Fee. Feb. 17, 1923

Feb. 20, 1928—LOTS 16, 17 & 13, MT

Vernon Park Tct, Oakland. Secur-
 ities Inv. Corp of Oakland to Charles
 J and Thomas J Fee (3 compls.). Feb. 17, 1923

Feb. 20, 1928—LOT 14, MT VERNON

Park Tract, Oakland. Securities Inv.
 Corp of Oakland to Charles J and
 Thomas J Fee. Feb. 17, 1923

Feb. 20, 1928—LOT 34 & PTN LOT 25

Blk 15 Key Route Heights, Oakland
 Charles W Griffith to whom it may
 concern. Feb. 20, 1923

Feb. 20, 1928—E CAMPUS DRIVE about

130 ft N Quail dr, Berkeley. Peter
 Nelson to whom it may concern. Feb. 18, 1923

Feb. 20, 1928—S LINE BAY ISLAND

ave 116 E Regent st, Alameda. Noble
 F. Justice to whom it may concern
 Feb. 18, 1923

LIENS FILED

Alameda County

Recorded Amount

Feb. 18, 1928—SW EAST 14TH ST &

Garcia ave, San Leandro. Pacific Mfg
 Co vs A C Ostrom, George T Ostrom
 Ostrom Bros. \$1716

Feb. 18, 1928—SW EAST 14TH ST &

Garcia ave, San Leandro. Tilden
 Lumber & Mill Co vs A C and George
 Ostrom, Ostrom Bros. \$4141.52

Feb. 18, 1928—LOTS 1 & 2 MAP No 1

Garcia Hd Sub, San Leandro. M A
 Lopes, Central Bldg Material Co vs
 A C and Geo Ostrom, Ostrom Bros.
 \$601.07

Feb. 18, 1928—LOTS 1 & 2 MAP No 1

Garcia Hd Sub, San Leandro. Frank
 Lopes vs A C and Geo Ostrom, Os-
 trom Bros. \$3124.85

Feb. 18, 1928—LOT 4 BLK 2 Arlington

Heights, Berkeley. Mastercraft Tile
 & Roofing Co vs J E Hatfield, Harry
 Kane. \$455

Feb. 17, 1928—LOTS 1 & 2 MAP No

1 of Garcia Hd Sub, San Leandro.
 A M Halk vs A C Ostrom, E T Wol-
 cott \$3332.65

Feb. 17, 1928—PTN LOT 17, Wyman's

subd of Park Place, Oakland. D P
 Dinesen vs H V Taylor \$66

Feb. 17, 1928—PTN OAK KNOLL Lying

E Mountain blvd N Calafia ave, Oak-
 land. E M and Helen A Bergsten.
 \$247.50

Feb. 16, 1928—E GROVE ST 40 S 59th

st, Oakland. Western Door & Sash
 Co vs N and Rose Factor and L
 Heiman. \$133.30

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and cir-
 culates pure warm air, keeping home at an even temperature. 50 percent
 saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

Feb. 16, 1928—LOT 337 UNIT C, OAK Knoll, Oakland. R A MacDonald vs J J & Elizabeth Kiernan.	\$44.50
Feb. 16, 1928—LOT 49, GARDEN Acres Eden Twp. The Dolan Co vs Grace E Spencer.	\$330.72
Feb. 18, 1928—415 PERKINS ST, Oakland. Maxwell Hardware Co vs Leon Schwartz and Leon Schwortzerich.	\$60.50
Feb. 20, 1928—LOTS 1 & 2 MAP NO 1 Garcia Hd Sub, San Leandro. Crane Co vs Ostrom, George T. Ostrom, A M Halk.	\$2736.53
Feb. 20, 1928—LOTS 1 & 2 MAP NO 1 Garcia Hd Sub, San Leandro. W P Fuller Co vs A C Ostrom, Ostrom Bros.	\$2212.43
Feb. 20, 1928—3279 MADERA AVE, Oakland. J A Fazio vs D T and J A La Paugh.	\$288.79
Feb. 20, 1928—LOT 28 BLK R RESUB 5th Roberts & Wolfskill Tct, Oakland H A Liese & Co. vs William A Irwin George H Lydsksen.	\$27.50
Feb. 20, 1928—3279 MADERA AVE, Oakland. Powell Bros Inc vs D T and J A La Paugh.	\$370.36
Feb. 20, 1928—290 LENNOX AV, Oakland. L J Kruse Co vs Marie M and Bertie M Hanlon, R Stearns.	\$255

RELEASE OF LIENS

Alameda County

Feb. 21, 1928—W ARLINGTON AVE 446.13 N San Antonio rd. Berkeley. Sargent to R K and Grace B Schmidt.	\$65
Feb. 21, 1928—NE LINE 2ND ST 200 NW C St, Hayward. C W Griffith to Robert and Gladys N Ellis.	\$48.35
Feb. 20, 1928—E PORTLAND AVE 39.30 S Athol ave, Oakland. Swanson Uhl Wall Paper & Paint Co to T J and C J Fee, Fee Bros.	\$239.13
Feb. 18, 1928—SW 30 LOT 17 AND ALL lots 18 and 19 blk C, Moss Tct, Oakland. Atlas Mill & Lumber Co (\$40); Frank Lopes (\$57.75) W H Wakerling (\$55), and George C and William A Ambrose (Ambrose Bros) (\$153.50) to Leah Kleiner and H Elmer Johnson.	
Feb. 18, 1928—LOTS 18 & 19 SW 30 lot 17 Blk C, Moss Tct, Oakland. Garrett Mill and Lumber Co (\$183) and Emeryville Planing Mill (\$140.30) to Leah Kleiner.	

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

STORE	
ART VILLA LOT 13 Mezesville; all work on store bldg.	
Owner—J. J. Kingwell.	
Architect—John McCoal and James M. Sutter.	
Contractor—Doly Brothers.	
Filed	Dated Feb. 8, 1928
Concrete poured	25%
Plastered	25%
Completed	25%
Usual 35 days	25%
TOTAL	\$9030
Bond \$—; sureties, Louisa A. Lehman, Herman Kahmoos; limit, 90 working days; forfeit, \$10; plans only filed.	

BUNGALOW	
PART LOTS 1 & 2 BLK B, Menlo Park; all work on bungalow and garage.	
Owner—Foster R. Anderson, Redwood City.	
Architect—None.	
Contractor—S. F. Borquin, Redwood City.	
Filed Feb. 14, 1928. Dated Feb. 14, 1928	
Roofed	
Plastered	
Trimmed	
Completed	
Usual 25 days	\$1156
TOTAL COST	\$5780
Bond \$2890; sureties, Z. T. Thomas & H. E. Borquin; limit, June 13, 1928; forfeit, none; plans and spec. filed.	

BUILDING PERMITS

SAN JOSE

GAS service station, \$2100; Alameda and Claves, San Jose; owner, Standard Oil Co., Sta. Claire Bldg., San Jose;	
--	--

contractor, Weldon & Hoover, Builders' Exchange.	
INDUSTRIAL building, 1 story, \$4000; Emory and Locust, San Jose; owner, C. C. Herbert, 160 Polhemus.	
RESIDENCE, 6 rooms, \$5500; SE Keyes and Eighth, San Jose; owner, Frank Peves, 1179 S Eighth; architect, Wolfe & Higgins, 19 N Second.	
OFFICE and show room, \$1000; The Alameda and White, San Jose; owner, P. Spector and J. E. Davis, 1560 Mission st., S. F.	
RESIDENCE, 4 rooms, \$1900; Shortridge and 21th, San Jose; owner, F. S. Amaral, Fleming ave; contractor, Geo. G. Veteran, box 706 rt. A.	
RESIDENCE, 9 rooms, two stories, \$16,000; NE Reed and 13th, San Jose; owner, V. F. Van Dalsam, 316 San Jose ave., Los Gatos; architect, Wolfe & Higgins, 19 N Second.	
ALTERATIONS, \$1900; 81 S Third, San Jose; owner, L. DiCarli, 140 S Second st.; contractor, Henry Bodwin, 1041 Barland.	
RESIDENCE, 4 rooms, \$1750; University near Chestnut, San Jose; owner, Katharine Strigel, 454 University.	
RESIDENCE, 5 rooms, \$4000; S 23RD near Santa Clara, San Jose; owner, Walter Maggini, 15 S Twelfth; contractor, T. W. Mahaffey, 419 S Sixth.	
RESIDENCE, 4 rooms, \$2000; Third near Keyes, San Jose; owner, Sam Scianino, 498 Park ave.	
RESIDENCE, 4 rooms, \$2800; Taylor nr. San Pedro, San Jose; owner, R. M. Thomas, 31 S 21st st.	
RESIDENCE, 4 rooms, \$1975; Thirteenth near Vestal, San Jose; owner, M. Piazzi; contractor, J. Fraguero, 685 E St. James.	

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Feb. 11, 1928—LOTS 6, 7 & 8 BLK 1 Hillcrest. Charles P Gibbons to Peter Carraro.	Feb. 9, 1928
Feb. 11, 1928—LOT 3 BLK 6 Burlingame Villa Park, Helen Donaldson to whom it may concern.	Feb. 7, 1928
Feb. 11, 1928—LOT 1 BLK 2 Burlingame Park, Mrs R C MacArthur to Beckett & Wright.	Feb. 7, 1928
Feb. 11, 1928—LOT 36 BLK 12 VISTA Grand. Burt Youngs to whom it may concern.	Feb. 10, 1928
Feb. 14, 1928—PART LOT 26 BLK 14 Lyon & Hoag Sub San Carlos. Margaret Scott et al to H H MacDonald.	Jan. 30, 1928
Jan. 14, 1928—PART LOT 11 BLK 6 East San Mateo. J. W. Cooksey to whom it may concern.	Feb. 11, 1928
Feb. 14, 1928—LOT 6 BEVERLY Terrace, Burlingame. Edward Shaver et al to whom it may concern.	Feb. 10, 1928
Feb. 14, 1928—LOTS 52 & 54 BLK E San Bruno. Marcel E Daneri to whom it may concern.	Feb. 10, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Accepted
Feb. 11, 1928—LOTS 1 & 2 BLK 4 Dumbarton Park. The Morking Co vs P M Schonfeld.	\$58.42
Feb. 11, 1928—LOT 31 BLK 10 SAN Bruno. C Downall vs W D Johnson.	\$180
Feb. 11, 1928—LOTS 11 & 12 BLK 16 Crocker Estate tct. C Downall vs E Keesling et al.	\$181.50

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Feb. 11, 1928—PART LOT E, Selby Tract, San Mateo. Progress Lumber Co. to S S Lee.	\$25.53
Feb. 14, 1928—LOTS 35 AND 36 BLK 26, Vista Grand. American Trading Co of the Pacific Coast to Leslie C Snelgrove et al.	\$46.64

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and stucco, \$6000; 275 Santa Rita ave., Palo Alto; owner, Alfred Johnson, 275 Santa Rita ave.	
RESIDENCE, frame, rustic, \$3000; 125 Pine st., Palo Alto; owner, O. H. Dahl.	

BUILDING PERMITS

REDWOOD CITY

DWELLING, 1-story and basement frame, and garage, \$3250; 1180 Cleveland ave., Redwood City; owner, H. M. McQuilkin, 147 Main st., Redwood City; contractor, T. Nelson, State Highway, Redwood City.	
DWELLING, 1-story and basement frame, and garage, \$4000; 727 Brewster ave., Redwood City; owner, J. W. Burris, Oak Knoll dr., Redwood City.	
MOVE frame dwelling and alterations, \$1000, \$1000; 421 Fuller st., Redwood City; owner, F. A. Brooks, 421 Fuller st.; contractor, M. S. Conwell, 1020 Clinton st., Redwood City.	

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Feb. 7, 1928—LOT 14 BLK 2 JOHN R Chace's Garden Villa Lots, Harold W Wick et al to whom it may concern.	Feb. 7, 1928
Feb. 7, 1928—LINCOLN AVE 60 NW from S cor lot 4 David Wright Jr sub. Frank T Lannin to whom it may concern.	Feb. 7, 1928
Feb. 7, 1928—SE PEPPER AVE 462 SW San Francisco and San Jose rd. Richard Wagner to whom it may concern.	Feb. 6, 1928
Feb. 7, 1928—LOT 17 Narvalz Raho St. James A Vaughn et al to whom it may concern.	Feb. 6, 1928
Feb. 7, 1928—LOTS 6 & 7 S HALF Lot 5 blk 1 Vendome Park. Thomas G Glon et al to whom it may concern.	
Feb. 9, 1928—LOT 3 BLK 8 R 5 S Snow & Pettis Addn Mt View. Herbert W Rice et al to whom it may concern.	Feb. 8, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Feb. 9, 1928—SE UNIVERSITY 117.50 NE West st NE 100 x SE 150 ptn lots 9 to 12 blk 118 Crescent Park, Palo Alto. S L Frost vs Salve Matheson et al.	\$1049.89
Feb. 8, 1928—LOTS 17 TO 20 BLK 89 Palo Alto. S L Frost vs A R Bacon	\$240.35
Feb. 9, 1928—LOT 5 BLK 3 EAST San Jose Hd Assn. James C Harvey vs F. Polissar.	\$33.75

BUILDING PERMITS

STOCKTON

PUMPING station, \$6900, 69 West Ellis, Stockton; owner, California Water Service Corp., Stockton.	
RESIDENCE and garage, \$2500; 527 E Eighth, Stockton; owner, A. Hollenbeck, 426 Flora.	
RESIDENCE and garage, \$3000; 2620 Crafton way, Stockton; owner, Hans Needle; contractor, William E Roberts, 725 N El Dorado.	
RESIDENCE and garage, \$1500; 1045 W Acacia, Stockton; owner, Lillian Raney Roberts; contractor, William E. Roberts, 725 N El Dorado.	
RESIDENCE and garage, \$1500; 1008 N San Jose, Stockton; owner, Lillian Raney Roberts; contractor, William E. Roberts, 725 N El Dorado.	

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
Feb. 7, 1928—SW ALAMEDA 51.25 SE Hester ave., San Jose, Hubbard & Carmichael Bros to Louis O Normandin.	
Feb. 9, 1928—LOT 10 BLK 2 LINCOLN Gates. Tynan Lumber Co to N Bondi et al.	

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BUILDING
EAST CENTRAL AVE bet. Ninth and Tenth sts., Tracy; all work on 1-story building.
 Owner—Roy Van Vliet, Stockton.
 Architect—None.
 Contractor—Frank W. Roberts, 1319 S Sutter, Stockton.
 Filed Feb. 11, 1928. Dated Jan. 23, 1928
 TOTAL COST \$4484
 Bond, forfeit, none; limit, 45 working days; plans filed.

BUILDING PERMITS

SACRAMENTO

RESIDENCE, 5 rooms and garage, \$4000; 1804 Beverly way, Sacramento; owner, Gus Theille, 505 J st.
RESIDENCE, 5 rooms and garage, \$4000; 4123 P st, Sacramento; owner, C. C. Ruby, 4616 L st.
RESIDENCE, 6 rooms and garage, \$9000; 3300 H st., Sacramento; owner, Goddon Hughes, Forum Bldg.; contractor, W. E. Truesdale, 2116 H st.
REMODEL, \$7000; 717 18th st., Sacramento; owner, Mrs. Lockhart, 1801 Market; contractor, C. Vanina, 2022 M st.
RESIDENCE, 6 rooms and garage, \$6000; 2548 8th ave., Sacramento; owner, N. H. Lund, 3300 Curtis way.

RESIDENCE, 5 rooms and garage, \$4000; 1817 47th st., Sacramento; owner, Ivan Astble, 232 40th st.; contractor, A. C. Van Winkle, 3718 14th st.
RESIDENCE, 6 rooms and garage, \$5000; 3808 T st., Sacramento; owner, R. P. Opdyke, 5932 E st.
RESIDENCE, 6 rooms and garage; \$—; 2209 25th st., Sacramento; owner, A. C. Van Winkle, 3718 14th st.
RESIDENCE, 4 rooms and garage, \$2500; 3809 38th st., Sacramento; owner, F. C. Hill, Forum Bldg.; contractor, H. Pierce, 2609 16th st.

RESIDENCE, 5 rooms and garage, \$4000; 1404 W st., Sacramento; owner, Antone Cardoza, 2300 31st st.; contractor, M. L. Lena.

RESIDENCE, 4 rooms and garage, \$2500; 3817 38th st., Sacramento; owner, Dorothy Pierce, 3957 Sacramento blvd; contractor, H. Pierce, 2609 16th street.

RESIDENCE, 5 rooms and garage, \$3000; 3401 Santa Cruz way, Sacramento; owner, A. D. Watherall, 2957 43rd st.; contractor, Gloss & Ward.

LIENS FILED

SONOMA COUNTY

Recorded	Amount
Feb. 14, 1928—EXTENDED LINE OF 5th st 80, Petaluma. E B Case vs L F Carpenter.	\$155

COMPLETION NOTICES

MARIN COUNTY

Feb. 11, 1928—MILL VALLEY, Jeanette C Rough to whom it may concern.....Jan. 31, 1928
 Feb. 14, 1928—SAN RAFAEL Heights, San Rafael. Otis H Smith to Smith & Jackson.....Feb. 11, 1928
 Feb. 14, 1928—SAN RAFAEL, P Beccio to D B Ferrero.....Jan. 28, 1928

BUILDING PERMITS

FRESNO

DWELLING, \$1600; 52 SAN JOAQUIN s Fresno; owner, W. M. James, 24 Whites Bridge ave.; contractor, H. I Snow, Michigan and West.
ALTERATIONS and additions, \$1500; 158 Yosemite, Fresno; owner, Shor & Neads, 158 Yosemite.
BAKERY, \$10,000; 340 C st., Fresno; owner, George Sigrist, 321 C st; contractor, J. D. Brosi.
DWELLING, \$2500; 3571 Lyle st., Fresno; owner, C. A. Galder, 3575 Lyell.

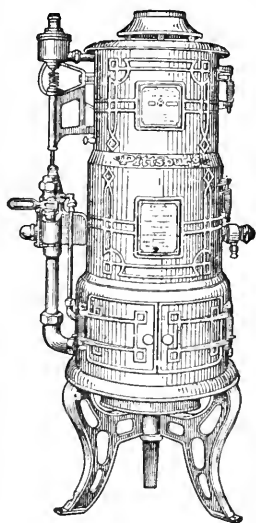
BENEFITS OF CITY PLANNING

Modern city planning pays, it means better living conditions, better business and a more attractive and agreeable city in which to live and do business according to a committee of nine nationally known business and professional men who have made a study of the subject in co-operation with the United States Department of Commerce.

Their conclusions are based on personal observation and analysis of the experiences of hundreds of American communities, with the object of finding out how city planning actually works out in practice.

A city or town, the committee points out in a special report just published, is a place in which to live, to work, and to play, and should be planned systematically with these ends in mind, just as the location of buildings on a factory site is carefully determined.

Business is much better in the Peninsula communities than in Southern California, says E. C. Cottier, San Mateo plumbing contractor, who recently returned from a tour in the southern part of the state.



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
 General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.
 Mission 901-902-903-904 San Francisco



BUILDING *and* ENGINEERING NEWS

Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., MARCH 1, 1928

Twenty eighth Year, No. 4
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

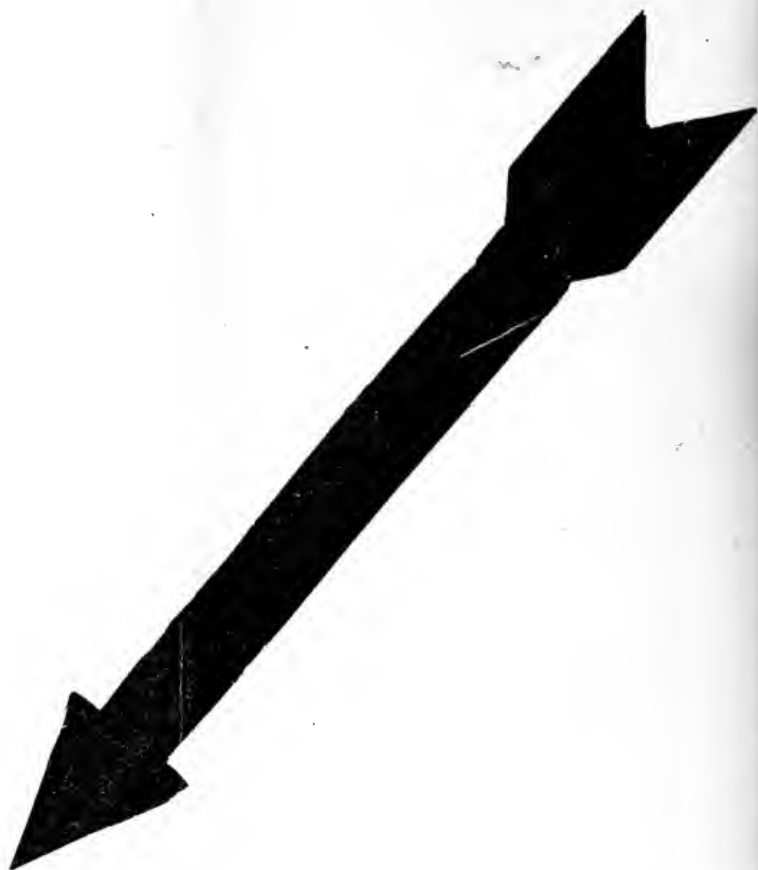
Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., MARCH 3, 1928

Twenty-eighth Year No. 9



547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year.....6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

EQUIPMENT SPACE IN DEMAND AT ROAD EXPOSITION

Records for road shows in the United
States are expected to be shattered when
the Western Road and Equipment Ex-
position is opened in Los Angeles, March
7 to 11.

An unprecedented rush for space
followed announcement of this third
annual Pacific Coast display, and four
weeks before the opening date 125,000
square feet of exhibit space has been re-
served. By the time the exposition
opens, it is expected that approximately
100,000 feet of space will have been re-
served, which will mean the largest dis-
play of the kind ever held in the United
States.

An unusual feature of the exposition
will be that for the first time it will bring
the annual gathering of western con-
tractors, engineers, equipment distribu-
tors, supervisors and others together in
the same city.

The western district of the American
Association of Engineers have arranged
their annual convention during the
dates of the show, March 7 to 11. The
western chapters of the Associated Gen-
eral Contractors with delegations from
Seattle, Portland, Spokane, San Fran-
cisco, Denver and Salt Lake City also
will meet on these dates.

The Western Association of State
Highway Officials, the California State
Supervisors' Association, the Western
Construction Equipment Distributors
also will combine their annual gathering
with a visit to the exposition. These
conventions will serve to bring together
leading representatives in the eleven
western states of the contracting and
road building industry.

The exposition has been given recog-
nition by the United States Government
through the Bureau of Public Roads
which is sending a comprehensive exhibit
detailing an ideal plan for road building
from the initial financing through con-
tribution and down to the last detail.

NEW STATE HIGHWAY CHIEF TAKES OFFICE

C. H. Purcell, recently named Califor-
nia State Highway Engineer, officially
took office last Monday, succeeding R.
M. Morton, resigned.

Mr. Purcell recently met with the State
Highway Commission and participated
in a discussion of plans for handling of
convict camps and the \$50,000,000 road
program recently laid out for the biennium
by the commission. While rumors
have been current that several changes
in the engineering division were im-
minent, it is not expected they will be
announced until Mr. Purcell begins active
work.

Mr. Purcell is considered one of the
foremost road engineers in the United
States. He resided for a number of



C. H. PURCELL

years in Los Angeles, attended Stanford
University and later graduated from the
University of Nebraska. He has had
twenty-two years active experience in
civil engineering. For the past fifteen
years he has devoted himself exclusively
to highway engineering, and for the past
seven years has been connected with the
U. S. Bureau of Public Roads of Wash-
ington, D. C., with assignment as District
Engineer to the district comprising
Oregon, Washington, Idaho, and Montana,
with headquarters at Portland. Prior
to his connection with the U. S. Bureau
of Public Roads, Mr. Purcell served as
bridge engineer for the Columbia River
Highway, bridge engineer for the Oregon
State Highway Department, and principal
assistant State Highway Engineer for the
same Department. An offer of appoint-
ment as State Engineer of Oregon was
declined by Mr. Purcell.

Mr. Purcell's experience also includes
railroad construction and location, smelt-
ing and power developments, both in
North and South America. He is an as-
sociate member of the American Society
of Civil Engineers.

POWER ENGINEERS WILL INSPECT EUROPEAN PROJECTS

A large number of engineers associ-
ated in the Midwest Power Conference
are planning to go abroad on the Interna-
tional Power Tour. The party will sail
from New York on August 18. While in
Europe they will visit most of the large
power plants and new developments in
the various countries.

The tour will last six weeks and in con-
junction with the visits to the various
plants, several sightseeing and pleasure
jaunts have been arranged.

Inspiration for the sponsoring of such
a tour was found by the Midwest Power
Conference, in fact that power develop-
ment in Europe is progressing very rap-
idly and has made tremendous strides
following the war.

Foreign engineering bodies have ex-
tended the warmest of invitations to the
American Engineers. Plants will be
thrown open for their inspection and re-
ceptions will be given for them at vari-
ous places on the tour route.

It is quite probable that definite con-
nections will be established between the
engineers abroad and their visitors for
the exchange of ideas, etc.

Several countries will be visited and
the itinerary has been arranged with
great care so that engineers who take
this tour will have ample time to see the
sights and scenic beauties of Europe.

Headquarters have been established by
the Midwest Power Conference at Suite
656, 25 Broadway, New York, for the In-
ternational Power Tour. Interested en-
gineers can secure additional details at
that address.

SCHOOL BUILDING SPECIALIST NAMED AT WASHINGTON

The Bureau of Education, Department
of the Interior, has just announced the
appointment of Miss Alice Barrows as
specialist in school buildings in the City
Schools Division. The Bureau is under-
taking a study of the school-building
situation in 100 representative cities. The
full text of the statement follows:

Miss Barrows was appointed as a re-
sult of a general demand existing in ed-
ucational circles throughout the country
for information regarding school building
surveys. She was formerly specialist in
the city school systems and in that ca-
pacity she gave much of her time to a
study of the platoon plan of school or-
ganization. She has conducted some 20
school building surveys during the past
six years, the most recent being the
school building survey of the Portland,
Oregon, schools. The 15-year building
program recommended by the survey was
adopted by the Board of Education of
that city and is now being carried out.

The Bureau of Education is now un-
dertaking an exhaustive study of the
school building situation in 100 of the
leading cities of the country, covering
such points as the amount of school
congestion, the educational facilities pro-
vided, the type of modern elementary,
junior high school, and high school build-
ing being provided, with cost of same.
This is the first time such a compre-
hensive study of the school building
situation has been undertaken.

Miss Barrows was graduated from
Vassar and was a Fellow of Columbia
University. She was a teacher in ele-
mentary schools and high schools and
an instructor at Vassar. After leaving
Vassar, she specialized in educational
and social surveys, including surveys of
school buildings.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

S F GENERAL CONTRACTORS ELECT OFFICERS AT ANNUAL MEETING

The Annual Meeting and election of directors of the General Contractors of San Francisco, was held at the Stewart Hotel, February 16th. The business meeting was preceded by an excellent dinner with some fifty members participating.

President Bergstrom's annual report reviewed the Association's activities during the past year, calling particular attention to the successful legislative campaign, not only in the City and State Government, but also in the National Government. During the course of the meeting, many matters of importance were discussed by those present, the most important being that of broadening the scope of the organization to such an extent that no general contractor in this vicinity could afford to be outside of the organization.

The following directors were unanimously re-elected to serve for the ensuing year: Messrs. A. H. Bergstrom, John Monk, J. G. Leibert, W. W. Hayes, W. J. Stevens, J. W. Cobby, N. E. Nielsen.

At the organization meeting of the Board, the following officers were chosen: A. H. Bergstrom, President; John Monk, 1st Vice-President; J. G. Leibert, 2nd Vice-President; W. J. Stevens, Treasurer; C. J. Dixon, Secretary; J. W. Cobby, W. W. Hayes and N. E. Nielsen, Directors.

ALAMEDA CO. BUILDERS SMOKE AND ENJOY FILMS

The first of a series of social jinks to be featured monthly by the Builders' Exchange of Alameda County was held in the exchange quarters last Tuesday evening.

Features of the evening were motion pictures displayed by Henry J. Hoey of the Boeing Air Transport Co. and the Bates Valve Bag Corp. The former firm provided films showing flights in the North Pole region and a series of films on the Lindberg flight to Paris.

The film of the Bates Valve Bag Corp. featured the use of the Bates bag in the construction field. A test where a sack of cement encased in the Bates bag was dropped into a container of water and taken therefrom with the contents in perfect condition, establishing the worth of the bag from the waterproof standpoint.

To the tune of "Heinie" Gentry's orchestra members of the exchange smoked cigars and cigarettes which were distributed by the organization.

Regular monthly socials of this type are scheduled for the exchange, according to C. M. Morehead, secretary, to promote a greater get-together spirit among the members.

Adrian B. Greenberg and George Bicaluppi were in charge of the arrangements for the social.

BAY CITY ENGINEERS ARE FETED AT SACRAMENTO

A delegation of the San Francisco Chapter, National Association of Power Engineers, was entertained by the Sacramento Chapter, Feb. 25 and 26. The party arrived Saturday evening, and after a dinner at the Hotel Sacramento, met at the Capital National Bank for a discussion of engineer topics. The Sacramento municipal filtration plant and the steam plant of the Pacific Gas & Electric Company were inspected by the delegation under the guidance of Engineers Edward Kay and George D. Burlingame.

CLEVELAND MAKING PROGRESS IN TRAINING APPRENTICES

A modernized version of the apprenticeships in the guilds and the handicrafts of the Middle Ages has been developed under the vocational and public school system of Cleveland.

The plan was described recently in Boston before the department of superintendence of the National Education Association by Howard L. Briggs, director of vocational and practical arts education in Cleveland.

Briggs said that "national prosperity is based upon industrial competition and certainly an effective program of apprentice training will form a basic element in enabling us to compete internationally for the economic supremacy to which we aspire."

"Before any trade training courses are established," he said, "a joint advisory committee upon apprenticeship must be established by the trade itself."

"Definite 4-year apprenticeship agreements are drawn up with the students for a minimum of four hours a day working time with pay, and the schools are supplied by the trade with the materials needed for instructional purposes."

"At the present time," he added, "we are training every bricklayers', carpenters', plumbers', electricians', painters', paperhangers', sheet metal workers' and stonecutters' apprentice in the city of Cleveland."

MASTER PAINTERS DISCUSS CRAFT BETTERMENT

The bettermen of the painting industry, from the point of work improvement and improvement of general conditions was the subject of a series of five-minute talks at a gathering of master painters of Santa Clara county at a dinner at the Sainte Claire Hotel, San Jose, Feb. 21.

Architects were invited and several of them made short talks. The meeting is one of a series which is designed to improve the profession generally.

The speakers were Walter McGinley, T. W. Von Hauck, of Palo Alto; Carl McClellan, William Herman, A. C. Traux, Charles Scarper and Charles Lynds, all master painters.

Architects who spoke were Ernie Curtis, Ralph Wyckoff, Carl Carlson, Carl Wolf, Charles McKenzie, H. W. Higbie, and Warren Skillings.

A bronze plaque, shaped like a palette, was presented to the local master painters' organization by W. W. Woolley, regional president. It was the prize offered for the greatest membership during the year 1927.

The entertainment committee included G. E. Lenzen, Charles Lynds and William Loos.

MAKE YOUR ORGANIZATION GROW

Ten good reasons for the growth and progress of your association: (1) Exchange ideas; (2) Use better apprentices; (3) Improve trade conditions; (4) Prevent unjust legislation; (5) Regulate working and wage conditions; (6) Hold educational meetings addressed by specialists; (7) Secure lower insurance rates and proper classification; (8) Compile building construction reference information; (9) Kill distrust and replace with friendliness and co-operation; (10) Raise the building industry to the dignity to which it belongs.

LUMBERMEN TOLD NEED OF CO-OPERATION

Declaring that individual prosperity depended upon the success of the lumber industry, Robert M. Graham of Gre. Falls, Mont., president of the Western Retail Lumbermen's Association, opened that organization's annual convention at Salt Lake February 23, with a plea for greater co-operation among lumber men. He said in part:

"Those of us who are cognizant of the benefits of our association know that we need to present a united front in the business struggle that confronts us."

"The old days are gone, never to return. In those days we regarded our competitor, in the retail lumber across the street, as the only fellow we had to compete with."

Now, the bulk of our competition is not with our fellow retail lumbermen but rather with the automobile man, the radio man and others who are out after the dollar which is to be spent."

The present generation is pursuing different ideals and ideas than we have used. The wise man recognizes this and charts his course accordingly. If he does not he is going to be left behind as the procession moves forward."

"The days of 'let the buyer beware' have gone. Fortunately, the ethical standards of the profession have been so raised in the last few years that one can sit down with his competitor, make business deals with the other fellow, put his cards face up on the table and know that there is no 'joker' running wild."

PLASTERERS ELECT OFFICERS

Officers elected at the annual convention of the California State Master Plasterers Association, held recently in San Jose, were: Fred W. Young of Los Angeles, president; P. H. Donnelly of Oakland, first vice president; Joe Young of Santa Monica, second vice president; Ray Anderson of San Diego, third vice president; J. J. O'Connor of Los Angeles, treasurer, and Don R. Wadle of Los Angeles, secretary.

Members of the executive board are: George Pedgrift of Los Angeles, E. J. Thayer of San Diego, William Keen of Glendale, Leo Ludlow of Santa Monica, L. F. Robinson of Pasadena, John Watson of Santa Barbara, M. E. Summers of Fresno, T. D. Sexton of Oakland, John Perry of Stockton, R. I. Stienagel of Sacramento, Charles Smith of San Francisco, A. H. Winchcole of Richmond, and W. I. Sinclair of San Jose.

SUB-BIDS AVAILABLE ON STATE TEACHERS' PROJECT AT FRESNO

General contractors figuring the Fresno State Teachers' College project at Fresno are requested to communicate with Mr. H. R. Cayford, secretary-manager of the Fresno Builders' Exchange, 1837 Merced St., Fresno. Mr. Cayford announces that sub-contractors in Fresno have prepared sub-bids on the project and desire to submit same to those bidding on the general contract. The Valley Lumber Company of Fresno desires especially to submit bids on the lumber.

STEEL INGOT PRODUCTION

Steel ingot production shows a higher rate of activity than last year and the last few weeks. The United States Steel Corporation is operating at about 88 per cent capacity, a decline of 1 per cent from the preceding week and 1 per cent higher than a year ago. The average rate for the independent steel companies is 2 per cent higher than last week and 1 per cent above a year ago. The increase from two weeks ago is 6 per cent for United States Steel and 8 per cent for independents. Unfilled orders for steel reported January 31, 1928, by the United States Steel Corporation amounted to 4,275,947 tons, which is the largest back log of orders since March, 1926.

HERE — THERE —
EVERYWHERE

Mr. J. Twaits of the Seofield-Twaits Company has been nominated for president of the Southern California Chapter, Associated General Contractors of America. Twaits has served as vice-president during the last year. E. A. Irish was nominated for vice-president and George He of the Thomas Havery Company was nominated for secretary-treasurer. Twenty nominations were made for the office of director, six to be elected. The election will take place at the next regular meeting.

The regular monthly banquet-meeting of the Richmond Builders' Exchange was held Feb. 23 with about one hundred in attendance. Motion pictures and a musical program comprised the entertainment features arranged for by Henry Gibson, representative of the W. P. Miller Company. A short business session preceded the banquet.

Frank C. Kendall of Spokane, Wash., was elected president of the Western Retail Lumbermen's Association at the annual convention in Salt Lake City, recently. Vice presidents elected included J. E. Olds of Winslow, Ariz.; M. F. Din Prescott of Fresno, and Jesse E. Smith of Reno. Directors elected included, P. M. Norbryhn, Rio Linda, Cal.; Edward Von Tobel, Las Vegas, Nev.; and W. W. Anderson, Ogden, Utah. Butte Montana, was selected as the 1928 convention city.

Second reading and passage of an ordinance prescribing the rules and regulations for the installation of electric wiring in the city of Richmond has been voted by the city council. All electric wiring hereafter undertaken within the city limits will be under the code of the National Board of Fire Underwriters and regulations of the State Safety Commission.

L. M. Hundley of the Unorganized City has been nominated for the office of director of the San Francisco Builders' Exchange.

Retail lumber dealers of Marin County are organizing for co-operation with the National Retail Lumber Dealers' Association in a nation-wide movement to promote home ownership. Harry Ballou has been requested to become chairman of the movement in Marin county by L. Lewin of Cincinnati, president of the national Association.

Archie Winchcole, the singing plasterer of the Richmond Builders' Exchange, left last Sunday for a two-months trip to Europe.

Mano Zan, who has had valuable experience in executive and association work, has been appointed manager of the Los Angeles Builders' Exchange. Mr. Zan was formerly connected in a managerial capacity with Meese & Gottlieb Company, machinery and equipment dealers and later with the Commercial Board of Los Angeles.

More than sixty members of the Agricultural Engineering classes at the University Farm, Davis, were participants in a visit to the steel plant of the Lumbia Steel Corp. at Pittsburg, Contra Costa County. The expedition was in charge of Professor H. A. Stirnman and S. Winters of the agricultural engineering department. A complete inspection tour of the plant was made showing the manufacture of barbed wire, coils, galvanized iron and other products.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

John A. Renstrom, of San Francisco. SEAT OR PLATFORM FOR OUTSIDE WINDOW CLEANING. The primary object of this invention is to provide a safety seat or platform of the class indicated that is very simple in design and construction, is strong, durable and that may be readily and safely adjusted to any ordinary window frame.

Paul Di Pietro and Harry M. Edwards, of San Francisco. VEHICLE SIGNAL. This relates to the class of electrically illuminated signal devices used upon vehicles to indicate the intention of the driver to turn, slow down or stop.

Alexander Dickey, of Bakersfield. SOCKET WRENCH. This relates to socket wrenches or the like, and aims to provide novel means whereby wrench socket members may be readily and easily inserted and removed from the wrench supporting the same, thereby adapting a single wrench for use in connection with wrench sockets of various sizes.

Frank W. Alder, of Oakland and Sydney N. Baruch of Palo Alto. ELECTRIC CIRCUIT BREAKER. An object of this invention is to provide an automatic circuit breaker in which all of the separable contacts are submerged in oil. The inventors assign their patent to Federal Telegraph Company.

Alfred C. Mayers, of San Jose. HINGE. This provides a spring hinge construction by means of which a closure may be suspended from the head casing of an opening and normally held in closed relation thereto. Mr. Mayers assigns his patent to H. W. Garman (one-half) and one-half to B. S. Settrini.

Edward H. Noack, of Stockton. CONVEYER CLEAT. This relates to improvements in conveyer cleats of that type particularly used on chain drag conveyors for sawdust and refuse in saw mills and like places. Mr. Noack assigns his patent to Monarch Foundry Company.

J. Claude Hosch, of Los Angeles. AIR HEATER. This relates to heaters and more particularly to air heaters that serve to provide a large current of heated air to a space to be warmed.

OAKLAND SCHOOL CONSTRUCTION
BEING RAPIDLY COMPLETED

Oakland's \$9,600,000 school building program, started in 1924, is three-fourths completed and will be finished within the five-year period planned, according to the report of Don B. Rice, business manager for the school department, to the board of education.

A total of 42 school buildings costing \$4,095,024.63, with a capacity of 16,527 pupils, have been completed and are now in use. Sixteen buildings costing \$1,760,634.64 with a capacity of 6390 pupils are now in the course of construction. Final plans and specifications have been approved for ten more buildings to cost \$1,156,000 and house 2830 pupils. Preliminary plans are now being prepared for seven buildings to cost \$651,000 and house 1955 pupils.

Savings in construction costs have enabled the business department to extend building operations beyond the program as outlined in the bond issue. A net gain of 53 additional classrooms over the amount provided in the original plan was built and added to the school system. This is equivalent to four schools the size of the Glenview elementary school plus one the size of the Crocker Highlands school.

Eight additional sites have been purchased over the amount provided in the original program, the total cost of these sites being approximately \$200,000.

EMPLOYMENT SERVICE
ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1474-S ENGINEER DRAFTSMAN, prefer C. E. graduate, with hydraulic experience, 28-38 years. Must be able to turn out A-1 drawings and tracings for record maps, etc.; \$225 a month. Location San Francisco.

K-32-X-4259-CS CHEMICAL ENGINEER to study corrosion problems for large producing oil company. Must be technically trained, but reliability, industry and initiative is more important than anything else. Salary \$175 and car mileage. Opportunity. Loc. Mid. West. Headquarters East. Apply by letter, with references and photo.

R-1491-S SALES ENGINEER, to carry on a research and statistical department for a welding organization, and to do indirect selling through contact with key men in the field. Must be physically active, technically trained, good personality and free to travel. Salary and expenses. Apply by letter with photograph. Headquarters West.

X-3810-CS SALES ENGINEER for company manufacturing high tension insulators for power and transmission companies. Single man preferred. Apply by letter. Headquarters New York City. Los. South America.

STOCKTON ARCHITECTS WIN SUIT
ON GALT SCHOOL

Members of the Board of Trustees of the Galt School District (Sacramento County) are ordered to pay the claim of \$1296 made by Davis, Heller & Pearce Company, architects, under the terms of a writ of mandate issued by the Superior Court.

The architects had served in the construction of the Galt Union High School building up to December, 1926, when the school board terminated their services with the explanation that there was no money in the district's funds to pay their claim.

In a previous suit the architects had secured judgment for the sum, but the school board refused to pay, claiming that money secured for school purposes in one year could not be used to pay for services rendered or supplies furnished the previous year.

EL DORADO LIME QUARRY TRAM
READY FOR WORK

The more than three-mile tramway which will carry rock from the quarries of the Diamond Springs Lime Company to their mill and crusher has been completed and work is going ahead rapidly on quarry buildings and on the mill, according to word from Diamond Springs, El Dorado County.

Aside from the erection of the tramway, most of the work has been in the nature of excavations and the framework of the plant is just beginning to rise.

Officials of the company announce that construction work may exceed the approximate figure of \$250,000, set some time ago as being the probable cost of the development.

BAD BILL COLLECTOR

With the vast increase in the use of various installment, deferred payment and credit plans have come added collection difficulties. For the few who drop behind in payments and fail to respond to polite and even caustic collection letters, a Pittsburgh firm resorts to a little broadcasting. A man drives to the door in a bright red car carrying a sign in the largest possible letters, "Bad Bill Collector."

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

"The Observer," due to the courtesy of J. E. Mackie, managing secretary of the Pacific Coast Building Officials Conference, is in receipt of the 1927 edition of the Uniform Building Code, just off the press and now being distributed.

Publication of the code is being hailed with interest by contractors, engineers, architects, building officials and all who are connected with the construction industry. The code was prepared and published by the Pacific Coast Building Officials Conference.

Adoption of the uniform building code by individual cities is the next step toward the goal set by the conference. Uniformity in building codes of cities would provide a much needed simplification for the entire building industry. There is a great deal of red tape and ambiguity in building codes today, and in many cases there exists in building regulations of neighboring towns startling contradictions, the code of one city utterly contradicting that of a sister city. Yet building officials agree that there is no reason why engineering, fire and structural regulations should differ in any two cities, and such differences work a hardship on contractors, engineers and architects whose practice reaches into other cities than their own, and on building material manufacturers whose product is used in many cities.

The uniform building code has been written especially for use by western cities, for the purpose of providing a set of building regulations broad enough of application to be used in any town, in whatever locality, yet restrictive enough to insure safety to the public and economy of construction.

At the annual meeting of the organization in Phoenix last October, the proof draft of the code was adopted. Since that time it has been given further study and an index and appendix added.

More than two years of active work have gone into the preparation of the ordinance, with hours of consultation and discussion with building officials, architects, engineers, contractors, building material dealers and manufacturers, financial and banking interests and technical research experts. The basis of the uniform code, then, is broader than the opinions of a group of municipal building officials, and the 1927 edition, as it now stands, reflects the best of the combined opinions and experience of a large body of experts. No stone has been left unturned to make this code the complete, reliable, unbiased and workable set of regulations which members of the Pacific Coast Building Officials Conference believe it to be.

Orders for more than a thousand copies have already been received at conference headquarters in Long Beach, Cal., these orders coming from all parts of the United States. The code is receiving widespread favorable comment for its completeness and logical arrangement, and because it contains the very latest information available concerning modern building regulations.

Thirty western cities at the present time are considering adoption of the 1927 edition, and some have already commenced work through committees which have started a study of the code in its present form.

During the entire period of code preparation discussions were held at various places along the coast, and these discussions and meetings were always open to the public. Every building interest attending these meetings was given opportunity to enter the discussions, and the book, as it now stands, is considered the latest word in building rules—an unbiased, thoroughly workable and fair set of building regulations.

The uniform code is now ready for adoption in any city. For California cities all that will be necessary for adoption of the code will be the framing of a short ordinance consisting of a few paragraphs. This is called an ordinance of adoption by reference, which is a method permitted by state law in California.

The regulations in the code have been determined on the basis of minimum safe standards, with the thought that there is no necessity of putting more material into a building than is required for safety of future occupants according to the use to which the building will be put.

The Reno, Nev., plant of the Verdi Lumber Co. may be taken over on March 1 by A. T. Eveleth of Verdi, who was manager for the company's plant in Verdi for 15 years.

The Kentucky Retail Lumber Dealers Assn. has invested the major portion of its surplus funds in local building and loan associations, as a practical method to aid institutions furthering the home building idea.

J. M. Hughes of Palo Alto and Mark Glaze of Mountain View, plumbers, have been awarded \$10 each by the Clay Products Association of San Francisco for technical improvements offered by them. The basis for the award given Hughes is a new frame for use in making the bitumen joints in vitrified clay pipe house sewers. Glaze's contribution is the use of sand in making the seal where the joints are poured vertically.

At least 2000 building workers are killed each year, 10 every working day, an accident rate higher than any other except the mining industry, according to the Worker's Health Bureau. In four states—New York, Pennsylvania, Ohio and California—over 56,000 accidents were reported in 1926 of which 600 were fatal.

Col. William B. Greeley, chief of the Forest Service, will resign May 1, 1928, to accept a position with the West Coast Lumber Manufacturers Association. It is announced by Secretary of Agriculture Jardine, Maj. R. Y. Stuart, now assistant forester in the Forest Service in charge of public relations, has been appointed to succeed Colonel Greeley who has been with the Service since 1904, his first connection, following some investigative and inspection work, being that of overseeing the welfare of the Sequoia National Forest in Southern California.

Lumber and other materials used in the manual training department of the Sacramento City School District will hereafter be purchased by the Board of Education in lump quantities and then distributed to students on stock tickets. In the past, each pupil has purchased his own materials.

T. A. Tomasini will file application with the Marin county supervisors April 1 seeking a franchise to construct a trestle bridge over Richardson Bay between Sausalito and Belvedere, Marin county. The proposed bridge will be 7300 feet in length and 22 feet wide. The same owner is also promoting a bridge between Alameda county, and Bluff Point, Marin county. This latter project will cost approximately \$18,750,000.

A new term building program for a California State institutions will be prepared immediately for completion in time for the 1929-31 State budget. Such a program has been authorized by Governor C. C. Young, it is announced by A. I. Heron, director of the department of finance. Heron has requested all State departments to start at once upon the requests for permanent improvement appropriations from the next budget.

Pledging a fund of \$1,000,000 to educate the public to the supply, quality and uses of lumber, was announced recently by A. C. Horner of San Francisco, addressing the Western Retail Lumbermen's Association in convention at Lake City, Feb. 24. The fund has been pledged by the National Lumber Manufacturers' Association, representing 11 regional organizations of lumber manufacturers and timber owners. Horner said. He called on the dealers to support a plan now being worked out by the national association whereby lumber will be definitely marked for quality. On grade would be "just lumber," while higher grade would be offered carrying financial guarantee.

Don M. Crist, electrical engineer, has filed a voluntary petition in bankruptcy in the United States District Court at San Francisco listing liabilities of \$52,917 and assets of \$78,560. Of the liabilities \$34,500 is held on a promissory note due Simon Erlanger. The bulk of the assets are in Crist's holdings of 765 shares of the Triumph Steel Company.

Retail lumber dealers of Sacramento County, are organizing for co-operation with the National Retail Lumber Dealers Association in a nation-wide movement to promote the ownership of homes and the keeping of present structures in repair as well-improved property. J. H. Shepard of the Friend & Terry Lumber Company of Sacramento, is in charge of organization in Sacramento County, and will appoint his committee soon. The movement is to be supported by a four years' national newspaper advertising campaign, which will cost about \$40,000,000.

The Portland cement industry in January, produced 9,782,000 barrels, shipped 6,531,000 barrels from the mills, and had in stock at the end of the month 25,193,000 barrels, according to the United States bureau of mines. The production of Portland cement in January, 1928, showed an increase of nearly 12 per cent and shipments an increase of about 17 per cent as compared with January, 1927. Portland cement stocks at the mills were 11 per cent higher than a year ago.

Pacific Portland Cement Company reported earnings of \$2 a share on \$2,500 shares of common outstanding, after depreciation, bond interest, taxes and preferred requirements had been met. Secretary H. T. Battelle says this record is officially satisfactory. Earnings represent nine months' business because the fiscal year of the re-organized company began on April 1. All officers and directors were re-elected. For the purpose of expanding the scope of the company's operations, and to obtain additional capital on an advantageous basis, President S. Waldo Coleman has called a meeting of stockholders of North American Investment Corporation, March 13, to consider an increase in the capital stock from \$5,000,000 to \$18,000,000. Funds derived will be used to purchase securities. Stockholders will be asked to approve creation of \$5,000,000 of a new class of 50 per cent stock, \$100 par value, and to increase capitalization of common stock from \$2,000,000 to \$10,000,000, of which \$1,350,000 is at present outstanding. The \$3,000,000 of 6 per cent preferred, of which \$1,650,000 is now outstanding, is not to be increased. New 5½ per cent preferred will stand on same basis as existing 6 per cent preferred except for lesser dividend rate, and will be redeemable at company's option at 105 upon 30 days' notice.

An article on trade-union old-age pensions and hames for the aged and tuberculosis in the February issue of the Monthly Labor Review shows that the question of care for their aged or disabled members is receiving more and more attention from labor organizations. Old-age pensions are paid at present by ten national or international unions to those members who fulfill certain requirements as to age, union membership, and physical and financial condition, and several other unions provide some sort of old-age benefit although they do not pay a regular pension. A home for the aged and disabled members is maintained by five unions, two of which also operate a tuberculosis sanitarium in connection with the home, while a number of unions contribute in one way to the cost of treatment for tuberculosis among their members.

The work of the United States Reclamation Service was discussed in detail by B. Debler, federal reclamation engineer, in a recent address before members of the Sacramento Section of the American Society of Engineers. Mr. Debler reviewed a number of the most important projects now under way by the government.

The National Lumber Trade Extension Committee has found it impossible to determine the winners of the National Lumber slogan contest to make an announcement of the results at the present time. The announcement will be made in the latter part of March. The Committee explains that the complications of making careful selections of fifty-seven winning slogans from 370,000 submitted are beyond comprehension of anyone who has not participated in this or a similar endeavor. As soon as the decision is arrived at, every contestant will receive communication informing him of the result.

The Carpenter's District Council of St. Louis following a referendum vote of 900 members announced that commencing May 1st it will adopt the five-day week sponsored by the American Federation of Labor. Approximately 1400 other members of the St. Louis Building Trades Council with a total membership of 18,000 have already voted for the shorter week. The electrical workers, plasterers, hodcarriers and lathers are now working under the short week arrangement. A five-day week for all members of the St. Louis Building Trades Council is forecast.

TRADE NOTES

Plant of the C. L. Frost Roof & Tiling Company at Pacific Grove, Monterey County, suffered an \$8000 fire loss recently.

Layrite Floors Corp., of Oakland, capitalized for \$70,000 has been incorporated. Directors are: Sam Humphrey of Oakland and H. B. Cleveland of Berkeley.

Peter Bercut will operate from 1559 Howard St., San Francisco, under the firm name of Neon Electric Sign Company.

Hoblek Fireplace Furnace Co. of Oakland, capitalized for \$75,000 has been incorporated. Directors are: Anton Hoblek, Paul D. Morse and L. H. Kelleher.

MacDonald & Harrington of San Francisco are reported to have purchased the plant and yards of the Vallejo Lumber Co. at Vallejo. Carl Mitchell will be retained as manager under the new ownership.

United Construction Co. of San Francisco, capitalized for \$25,000 has been incorporated. Directors are: C. H. Doty, Lewis De Lew, Salve Matheson and E. L. Fullerton.

United Concrete Pipe & Construction Co., operating plants at Merced, Woodland and Delhi, has purchased a 3-acre tract on the Southern Pacific Railroad at Tracy and will establish a plant for the manufacture of concrete pipe and other concrete products.

Coast Rock & Gravel Company, having notified the Railroad Commission that it has obtained a satisfactory adjustment of the matters involved, the Railroad Commission has set aside its order reopening the proceeding involving rock and gravel rates on the application of F. W. Gomph, as agent for the Pacific Freight Tariff Bureau and Southern Pacific Company.

A school to educate western lumbermen in the needs and practices of the industry was urged at the annual convention of the Western Retail Lumbermen's Association at Salt Lake City, by Parson P. A. Simpkin, chaplain of the Concatenated Order of Hoo Hoo.

MacDonald & Harrington of San Francisco, who recently purchased the business of the Vallejo Lumber Company at Vallejo, contemplate the erection of a new planing mill and the installation of modern mill equipment. The present mill will be remodeled for warehouse quarters.

Stone & Webster, Inc., who claim to have designed and constructed more than 10 per cent of the total installed capacity of the power industry of this country, have opened a Paris office through which growing foreign business will be handled. James F. Case, former government engineer, will be in charge.

Output of Schumacher Wall Board Corp. will be increased 75 per cent to 77,000,000 square feet of wall board and plaster monthly with opening of a new \$500,000 factory in Los Angeles. The plant will be running at full capacity by March 15. The present production of the corporation is 4,000,000 monthly. The new factory will enable the company to expand into the national field, and the company plans distribution of products throughout the East.

ALONG THE LINE

W. W. Crosby has reopened his office as consulting engineer at Coronado, Calif. He is specializing on highways, parks and traffic.

Fresno Engineers' Club held a dinner-dance at the Hotel Fresno, Feb. 24. For members of the club who did not dance card games, in charge of Leonard Hall, were provided.

H. Diedsch of Los Angeles addressed the Sonoma County Lumbermen's Association at Petaluma recently. A full course dinner was served after various other speakers reported on conditions in the lumber industry throughout the county.

California State Board of Architecture, Northern District, has granted certificates to practice architecture to Reddick H. Bickel, Cliff Hotel; Richard A. McLaughlin, 618 20th Ave., and Benjamin Schreyer, 1211 Russ Bldg., all of San Francisco.

John D. Galloway, San Francisco engineer, has been retained as consulting engineer by directors of the Tulare Lake Water Storage District, on its \$1,500,000 project to provide flood water protection, and an irrigation system on the 100,000 acres of grain lands in the Tulare Lake bottoms.

Harrison Todd, Sacramento engineer, recently addressed the Architects' and Engineers' Club of Sacramento on a new method of waterproofing not only to keep small underground basements dry and sanitary but can be used for underground shafts to a great depth and will stand any amount of pressure.

Henry Root, 83, pioneer California engineer and railroad builder, died in Oakland Feb. 23. Mr. Root retired from active service in the eighties. He was engineer in charge of construction for the old California Street Cable Railway in San Francisco and later installed the cable lines on Market, Haight, McAllister and other streets in the same city.

In connection with the building program of the University of California, Professor R. E. Davis of the College of Civil Engineering left Feb. 27 for the East on a trip that will require about three weeks. Professor Davis will investigate certain phases of construction that are of importance in the successful completion of the large building program contemplated for the Berkeley campus.

Sanderson & Porter, engineers, have moved their San Francisco offices to the Crocker First National Bank Building. The home office of the firm is in New York City. Sanderson & Porter are nationally known engineers and have been identified with many important enterprises on the Pacific Coast, including the designing and construction of the Sierra & San Francisco Power Company's properties, the Valley Pipe Line for the Shell Company of California, and many other western projects. Wynn Meredith is the resident partner of the firm. E. N. Sanderson, the senior partner, is the president of the Federal Light & Traction Company of New York, and H. Hobart Porter is the president of American Water Works and Electric Company, also of New York.

Building News Section

APARTMENTS

Plans Being Figured.

APARTMENTS Cost, \$15,000
SAN FRANCISCO. NE Church and Twenty-second Sts.
 Two-story and basement frame and stucco apartment building (7 apts.)
 Owner—George Reede, Humboldt Bank Bldg., San Francisco.
 Architect—Bos & Quandt, Humboldt Bk. Bldg., San Francisco.
 Building permit applied for.

Plans Being Prepared.

APARTMENTS Cost, \$30,000
REDWOOD CITY. San Mateo Co., Cal. Birch Street and Broadway.
 Two-story frame and stucco apartment building.
 Owner—Misses Jean, Marion and Blanche Cumming.
 Architect—John McCool, Hearst Bldg., San Francisco.
 Plans will be ready for bids in 30 days.

Sub-Bids Being Taken.

APARTMENTS Cost, \$150,000
SAN FRANCISCO. NE Bay and Larkin Streets.
 Six-story and basement reinforced concrete apartment building (24 apts.)
 Owner and Builder—R. E. Romano, 791 Ashbury St., San Francisco.
 Architect—None.

Plans Ready For Bids March 2nd.

APARTMENTS Cost, \$110,000
SAN JOSE. Santa Clara Co., Cal. N. First St. and Hensley Ave.
 Two-story frame and stucco apartment building (34 apts.)
 Owner—C. W. Howson.
 Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Sub-Bids Being Taken.

APARTMENTS Cost, \$50,000
SAN FRANCISCO. NE Presidio Ave. and Sutter St., N Sutter E Presidio Ave.
 Three three-story and basement frame and stucco apartments buildings (21 apts.)
 Owner and Builder—Stempel & Cooley, Hearst Bldg., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

As previously reported, wrecking awarded to Symon Bros. Wrecking Co., 1435 Market St., San Francisco.

Plans Being Prepared

APARTMENTS Cost \$60,000
SAN FRANCISCO. N Duboce st. S Market.
 Three-story frame and stucco apt. bldg., 18 2 and 3-room apts.
 Owner and Builder—Lindsay Bros., 550 Joost st.
 Architects—R. R. Irvine & L. Ebbets, Call Bldg.
 Sub-bids will be taken in 2 weeks.

Contract Awarded

APARTMENTS Cost \$31,000
BERKELEY. Alameda Co., W Curtis st. N University ave.
 Frame and stucco apartment bldg.
 Owner—Grace Davis, 2247 Bancroft way, Berkeley.
 Architect—None.
 Contractor—A. G. Davis, 2247 Bancroft way, Berkeley.

Sub-contracts Awarded

APARTMENTS Cost \$--
SAN FRANCISCO. Jackson st. near Buchanan st.
 Fourteen-story class A steel frame and concrete apartment building (28 5-room apts.)
 Owner—A. Penziner, 750 Taylor st., S. F.
 Plans by owner.
 Plastering—J. M. Piconi, Hearst Bldg.
 Heating—Scott Co., 243 Mina st.
 Electrical Work—Collonan Elec. and Mfg. Co., 2211 Mission st.
Window Sash—Frank Graves, 285 Turk.
 As previously reported, structural steel awarded to Golden Gate Iron Works, 1511 Howard st.

Plans Being Revised

APARTMENTS Cost \$250,000
SAN FRANCISCO. Mission District.
 Ten-story class C steel frame and brick bldg., 50 apts., stores, offices and garage.
 Owner—Withheld.
 Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Two stories of the structure will be devoted to garage. One story for stores and one floor for doctors' offices. Previously reported for a reinforced concrete bldg.

Sub-bids Being Taken

APARTMENTS Cost \$25,000
OAKLAND. Alameda Co., Cal. Flag ave. near Fruitvale.
 Two-story frame and stucco apartment building (6 apts., all modern conveniences).
 Owner and Builder—A. F. Flag, 2501 Best ave., Oakland.
 Architect—W. W. Dixon, 1840 Park Blvd.

Ready For Bids In Three Weeks.

APARTMENTS Cost, \$45,000
BERKELEY. Alameda Co., Cal. Telegraph Ave., bet. Bancroft and Alston Way.
 Three-story Class U-1 reinforced concrete store and apartment building (12 2-room apts. and 2 stores).
 Owner—Addie H. Gorrell, 37 Bonita Ave., Piedmont.
 Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Concrete Contract Awarded

APARTMENTS Cost, \$75,000
SAN FRANCISCO. NE Gough St. and Fern Ave.
 Six-story and basement reinforced concrete building.
 Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
 Plans by owner.

Concrete—L. Le Lucca, 666 Mission St.
 As previously reported reinforced steel awarded to Soule Steel Co., Rialto Bldg., S. F.; structural steel to Golden Gate Iron Works, 1541 Howard St., S. F.

Contract Awarded.

APARTMENTS Cost, \$52,000
OAKLAND. Alameda Co., Cal. E-Third St. and Fifteenth Ave.
 Three-story frame and brick veneer apartment building (24 2-room apts.)
 Owner—Jacob Goldstein.
 Architect—Clay N. Burrell, American Bank Bldg., Oakland.
 Contractor—Edward Sommarstrom, 463 Jerome Ave., Oakland.
 Sub-bids will be taken in ten days.

To be Done by Day's Work

APARTMENTS Cost \$50.
OAKLAND. Alameda Co., Cal. E Yg St. N Mondana blvd.
 Three-story frame and stucco apartment bldg., 39 rooms.
 Owner and Builder—H. A. Norton, 1 Cavanaugh rd., Oakland.
 Architect—None.

Contract Awarded.

APARTMENTS Cost, \$25.
SAN FRANCISCO. No. 350 Dew Blvd.
 Three-story and basement frame and stucco apartment building (12 apt)
 Owner—Chas. Monson, 1855 San Bruno Ave., San Francisco.
 Architect—Chas. F. Strotroff, 227 1/2 R St., San Francisco.
 Contractor—R. Monson, 1473 7th Av San Francisco.

Sub-Bids Being Taken.

APARTMENTS Cost, \$600.
SAN FRANCISCO. N Pacific Ave 80 Laguna St.
 Six-story steel frame and concrete apartment building.
 Owner and Builder—Marian Realty Co 110 Sutter St., San Francisco.
 Architect—Douglas Stone, 354 Hobart St. Oakland.

Contract Awarded.

APARTMENTS Cost, \$90.
SACRAMENTO. Cal. SW Seventeenth and H Streets.
 Two-story apartments (Spanish type. 2 and 3-room apts.), 30x115 feet.
 Owner—Mrs. Marie Farrell, 1710 10th St. Sacramento.
 Architect—Harry J. Devine, 1405 41st St. Sacramento.
 Contractor—Lindgren & Swinerton, Inc. 225 Bush St., San Francisco.
 Will be equipped with electric range and refrigerators; steam heating.

Sketches Prepared

APARTMENTS Cost \$50.
SAN FRANCISCO. Vallejo and Mason
 Four-story reinforced concrete apt. bld. 12 2, 3 and 4-room apts.
 Owner—Mrs. Ferrari.
 Architect—P. F. DeMartini, 948 Broadway.
 More definite information will be given in one week.

Preparing Preliminary Plans

APARTMENTS Cost \$50.
OAKLAND. Alameda Co., Cal., Haddo Hills.
 Six-story frame and stucco apartment bldg., 7 4-room and one 5-room apt.
 Owner—Withheld.
 Architect—Miller & Warnecke, 140 Franklin st., Oakland.

Interior Bids Wanted.

APARTMENTS Cost, \$150,000 each
SAN FRANCISCO. Van Ness Ave. ar Clay Street.
 Three five-story Class C steel frame and brick apartment building (2 and 3 room apts.)
 Owner—Van Clay Building Co., Inc.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Contractor—Stock, Maas & Sauer, 181 Clay St., San Francisco.
 As previously reported:
 Plastering—J. Marconi, 1737 Beach St. San Francisco.
 Glass and Glazing—Tyre Bros., 60 Townsend St., San Francisco.
 Other awards previously reported.

BONDS


DELANO. Kern Co., Cal.—A second election is contemplated in the Delano Joint Union High School Dist. to vote bonds of \$75,000 to finance additions to present school. A recent election for this purpose failed to carry. George Sello & Co., California State Life Bldg., Sacramento, architects.

Orders-Inquiries

60 pages

Send for FREE COPY

Can be Secured by MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

HAYWARD, Alameda Co., Cal.—Second election will be held in Hayward High School Dist. to vote bonds of \$50,000 to finance purchase of furniture for high school. Previous election failed to carry.

CLARKSBURG, Yolo Co., Cal.—Clarksburg High School Dist. votes bonds of \$5,000 to finance erection of new high school and gymnasium buildings.

DEL MONTE, Monterey Co., Cal.—Election will be held March 21 in Del Monte School District to vote bonds of \$5,000 to finance school improvements. Trustees of district are: Mary B. Olmsad, J. E. Bentley and Jno. L. Roberts.

LODI, San Joaquin Co., Cal.—Houston School District rejects plan to remodel and enlarge present school and bond election will be held to vote bonds to finance erection of a new structure.

BAKERSFIELD, Kern Co., Cal.—Election will be held March 30 in Buena Vista School District to vote direct tax for \$2,000 to finance additions to present school building. Mrs. M. R. Hall and Anna M. Hart (clerk) are trustees of the district.

SEAL BEACH, Orange Co., Cal.—City sets March 12 as date election to vote bonds of \$50,000 for purchase of a site and erection of a new city hall.

REEDLEY, Fresno Co., Cal.—Election will be held March 30 in Wahtoke School District to vote bonds of \$10,000 to finance erection of new brick school. Trustees of district are: J. L. McCreary, Carper Jensen and Fred Espersen.

REEDLEY, Fresno Co., Cal.—Trustees of Squaw Valley School District contemplate bond issue to finance new school to replace structure recently destroyed by fire.

YERINGTON, Nev.—Proposal to vote bonds to finance erection of new high school failed to carry at recent election.

HAYWARD, Alameda Co., Cal.—Election to vote bonds of \$50,000 to finance additions to high school failed to carry at Hayward Union High School District; 50 for and 320 against the proposal.

SANTA MARIA, Santa Barbara Co., Cal.—Election will be held March 15 in Santa Maria School District to vote bonds of \$65,000 to finance erection of new elementary school.

WATSONVILLE, Santa Cruz Co., Cal.—Bonds of \$125,000 voted to finance erection of new schools and additions to standing structures. Plans will be prepared by Architect W. H. Weeks, Hunter Gulin Bldg., San Francisco.

WALNUT CREEK, Contra Costa Co., Cal.—Walnut Creek School District votes bonds of \$45,000 to finance erection of new grammar school.

FAIROAKS, Sacramento Co., Cal.—Election will be held shortly in Fair Oaks School District to vote bonds of \$45,000 to finance erection of 6-classroom and auditorium school, plans for which are being prepared by Architects Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento. Auditorium will seat 800 persons.

BAKERSFIELD, Kern Co., Cal.—Architects Symmes & Cullimore, 10 Oleander st., Bakersfield, commissioned to prepare plans for 8-classroom and auditorium school for Beardsley School District. Bonds will be voted to finance construction.

BURBANK, Los Angeles Co., Cal.—Board of Educ. sets March 16 to vote bonds in the sum of \$765,000 for new school buildings. Of the sum to be voted \$502,000 will be expended for high school purposes, and \$263,000 for elementary schools. Francis D. Rutherford, Santa Monica, architect.

LOS BANOS, Merced Co., Cal.—Election will be held March 20 in Los Banos Grammar School Dist. to vote bonds of \$25,000 to finance erection of new school. Trustees of district are: J. W. Ives, W. J. Stockton and J. V. Toscano.

SAN DIEGO, Cal.—Board of Educ. sets May 22 as date to vote bonds of \$2,000,000 for erection of new school buildings. The proposal to vote bonds in the sum of \$4,300,000 was defeated last March.

MODESTO, Stanislaus Co., Cal.—The grand jury has reported that new court house is needed by Stanislaus county and that the Board of Supervisors should call an election to vote bonds for the project. If bonds are not voted the building should be erected on a unit plan from direct tax funds, the report stated.

CHURCHES

Plans Ready For Bids In One Week.
CHURCH Cost, \$40,000
VALLEJO, Solano Co., Cal.
One-story brick church building.
Owner—First Church of Christ Scientist.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Construction To Start Shortly.
CHURCH Cost, \$25,000
SAN FRANCISCO, Ulloa St. and Funs-ton Ave.
One-story frame and stucco church building (auditorium seating capacity 300)
Owner—Portlathurst Community Presbyterian Church.
Architect—Blaine & Olsen, 1755 Broadway, Oakland.
Contractor—T. A. Cuthbertson, 430 Noriega St., San Francisco.
Sub-bids will be taken in three weeks.

Plans Being Prepared
CHURCH Cost \$27,000
STOCKTON, San Joaquin Co., Cal., Miner and Sierra Nevada sts.
Two-story brick church, Sunday school and social rooms.
Owner—East Side Presbyterian Church.
Architect—Davis-Pearce Co., Grant and Weber sts., Stockton.

Preparing Preliminary Plans
CHURCH Cost \$90,000
RICHMOND, Contra Costa Co., 12th and Bissell sts.
Three-story frame and stucco church bldg., Sunday school, auditorium, etc.
Owner—The First Presbyterian Church.
Architect—Blaine & Olsen, 1755 Broadway, Oakland.
Campaign work is just starting.

SAN FRANCISCO—The following are the three low bidders for fur and installing electric fixtures in chapel at the San Francisco Hospital:
Edward F. Dowd, 2369 Mission.....\$ 750
Strohm & Smith 1012
Roberts Mfg. Co. 1324

FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, \$10,000
VALLEJO, Solano Co., Cal.
One-story frame warehouse.
Architect—C. E. J. Rodgers, Phelan Bldg. San Francisco.
Contractor—George Barenchi, 921 Kentucky St., Vallejo.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

LODI, San Joaquin Co., Cal.—California Co-Operative Producers will construct 200x200 ft. warehouse and install six new retorts, washers and canning tables to handle coming crops.

TRACY, San Joaquin Co., Cal.—United Concrete Pipe & Construction Co., operating plants at Merced, Woodland and Delhi, has purchased 3-acre tract on Southern Pacific Railroad frontage and will establish a plant for the manufacture of concrete pipe and concrete products.

MARTINEZ, Contra Costa Co., Cal.—Work has been started on an ice and fuel warehouse, 25 by 70 ft., on the Southern Pacific Railroad for the Union Ice Company, Don Williams, branch manager.

RED BLUFF, Tehama Co., Cal.—U. B. Tyler, president of the Tehama County Farm Bureau and Chas. Luther and C. A. Christensen have been appointed a committee to secure estimates of cost for a grain elevator at Rawson in the Lassen View District.

VALLEJO, Solano Co., Cal.—McDonald & Harrington, 16 California St., San Francisco, who recently purchased the business of the Vallejo Lumber Co., contemplate the erection of a new planning mill and the installation of modern mill equipment. The present mill will be remodeled for warehouse quarters.

SANTA CRUZ, Santa Cruz Co., Cal.—Construction will be started shortly by California Petroleum Co. on service station and storage plant to be erected at Front and Catcart sts.; estimated cost \$10,000.
(154) 1st report Jan. 21, 1928.

Sub-contracts Awarded
WAREHOUSE Cont. price \$ 9,1
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Clinton Construction Co., 923 Folsom st., S. F.
Conveyor system—Mailier Searles, Inc., 135 Fremont st., S. F., \$4700.
Show fixtures—Diamond Patent Show Case Co., Inc., 298 8th st., S. F., \$7303.
Sprinkler system—R. C. Reed, \$4262.
Electrical system—Rodney E. Kenyon, 550 Indiana blvd., Oakland, \$5815.
As previously reported, steel forms awarded to Ransome Co., Oakland; steel sash to U. S. Metal Products Co., 320 10th st., S. F.; reinf. steel to Badt-Falk Co., 74 New Montgomery st., S. F.

Contract Awarded
ADDITION Cost \$16,950
SAN JOSE, Santa Clara Co., Stockton and Lenzen sts.
Addition to present plant.
Owner—Muirson Label Co., 251 Stockton st., San Jose.
Architect—Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Morrison Bros., Builders' Exchange, San Jose.

Sub-Contracts Awarded.
WAREHOUSE Cost, \$65,000
OAKLAND, Alameda Co., Cal. E Per-alta St., bet. 24th and 26th Sts.
One-story reinforced concrete warehouse and office building and concrete bunkers.
Owner—W. H. Ford.
Architect—J. C. Buckbee, Chicago, Ill.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Sheet Metal—Yager Sheet Metal Works, 3509 Chestnut St., Oakland.
Plumbing—Pearey & Moll, 1075 40th St., Oakland.
Steel Forms—Steel Form Contracting Co., Monadnock Bldg., San Francisco.
Painting—J. A. Mohr & Son, 433 11th St., San Francisco.
Finish Hardware—Joost Bros., 1071 Market St., San Francisco.

As previously reported, structural steel awarded to Pacific Coast Engineering Co., Foot 14th St., Oakland; excavating to J. Catucci, 1212 18th St., Oakland; piling to M. B. McGowan, 74 New Montgomery St., S. F.; reinforcing steel to Soule Steel Co., Rialto Bldg., S. F. Sub-bids on other portions of the work are in and will be awarded soon.

Construction to Start Immediately
WAREHOUSE Cost \$15,000
UNION STATION, Napa Co., Cal., Near
 Napa. One-story frame warehouse, 184x54 feet.
 Owner—Earl Fruit Co., 80 Second St.,
 San Francisco.
 Engineer and Contractor—James Ludlow,
 460 Montgomery St., S. F.

Contract ReAwarded.
FACTORY Cost, \$175,000
 (kith equip. \$275,000)

SAN FRANCISCO, NE Tenth and How-
 and Sts., running to Grace St.
 Three-story and basement and mezza-
 nine floor and basement concrete flat
 slab construction candy and confec-
 tion factory (86,000 sq. ft.)
 Owner—Mrs. Martha W. Fischer.
 Architect—Willis Lowe, 354 Hobart St.,
 Oakland.

Contractor—Monson Bros., 251 Kearny
 St., San Francisco.
 Lessee—Geo. Haas & Sons, San Francisco
 Contractor—Industrial Constr. Co., 815
 Bryant St., San Francisco.

Building will be erected to support
 two additional stories. Steel sash, two
 elevators, one passenger and one freight.
 Cafeteria and recreation room on roof.
 Sub-bids will be taken in one week.
 Previously reported as being awarded to
 Monson Bros., 251 Kearny St.

Sub-Bids To Be Taken In One Week.
FACTORY Cost, \$14,000
SAN FRANCISCO, Folsom and Rogers
 Streets.

Two-story and mezzanine floor Class C
 reinforced concrete factory building.
 Owner—W. C. Johnson.
 Engineer—James H. Hjul, 128 Russ St.,
 San Francisco.

Structural Steel Bids Wanted.
MILL BLDG. Cost, \$75,000
SOUTH SAN FRANCISCO, San Mateo
 Co., Cal.

One-story steel mill building, 60x720 feet.
 Owner—E. H. Edwards Co., Butler Road,
 South San Francisco.
 Architect—Eng. Dept. of Owner.
 Contractor—George Wagner, Inc., 181
 South Park, San Francisco.

Sub-bids will be taken next week on
 lumber, corrugated iron, steel sash, etc.

Plans Being Figured—Bids Close March 5
WAREHOUSE Cost, \$80,000
SACRAMENTO, Cal. Nineteenth and C
 Streets.

Three-story reinforced concrete ware-
 house.
 Owner—California Almond Growers, 1805
 C St., Sacramento.

Architect—Engineering Dept. of Owner.
 Following is a partial list of the con-
 tractors figuring the plans: Lindgren &
 Swinerton, Inc., 225 Bush St., S. F.; K.
 E. Parker, 135 South Park, S. F.; Vogt
 & Davidson, 185 Stevenson St., S. F.;
 George D. Hučnutt, 1915 S St., Sacra-
 mento.

WESTWOOD, Lassen Co., Cal.—Red
 River Lumber Co. has started recon-
 struction of foundry plant recently de-
 stroyed by fire with a loss of \$30,000.

PACIFIC GROVE, Monterey Co., Cal.
 —Plant of C. L. Frost Roof & Tiling Co.
 destroyed by fire with a loss of \$8000.

Contract Awarded
PLANT Bldg. & equip. \$100,000
SACRAMENTO, Sacramento Co., Cal.,
 Second St.

Steel frame plant.
 Owner—Western Oxygen Co., 2421 East
 58th St., Los Angeles.
 Plans by Engineering Dept. of owner.
 Contractor—Campbell Const. Co., 800 R
 St., Sacramento.

Steel Rolling Door Contract Awarded.
FACTORY Cost, \$100,000
 Equip. Approx. \$500,000
SAN FRANCISCO, Cor. Williams and
 Newhall Streets.

One-story reinforced concrete can fac-
 tory.
 Owner—Pacific Can Co., E. F. Eupart,
 president, 290 Division St., S. F.
 Engineer and Mgr. of Constr.—L. H.
 Nishkian, Monadnock Bldg., S. F.
Steel Rolling Door—Kennerson Mfg. Co.,
 447 Hampshire St., San Francisco.
 Other awards reported Feb. 16, 1923.

GALT, Sacramento Co., Cal.—Robert
 T. Cochran Fruit Co., New York, N. Y.,
 will erect a \$10,000 sun drying plant here.

Sub-Bids In—Contracts To Be Awarded
 Next Week.

ADDITION Cost, \$250,000
BERKELEY, Alameda Co., Cal. San
 Pablo and Heinz Aves.
 One and two-story brick and stucco ad-
 dition to present manufacturing plant,
 offices, etc. (approx. 767x200 feet).
 Owner—H. J. Heinz Corp., 2900 San Pablo
 Ave., Berkeley.
 Architect—Albert Kahn, Detroit, Mich.
 Contractor—The Austin Co., 244 Kearny
 St., San Francisco.
 Building permit applied for.

FLATS

Plans Being Prepared.
FLAT BLDG. Cost, \$15,000
SAN FRANCISCO, Powell St., between
 Pacific and Broadway.
 Three-story frame and stucco flat and
 store building (2 5-room flats and 1
 store).
 Owner—Withheld.
 Architect—Fabre & Hildebrand, 110 Sut-
 ter St., San Francisco.

GARAGES

Plans Complete—Construction to Start
 immediately.
AUTO BLDG. Cost \$35,000
SACRAMENTO, Sacramento Co., Cal.,
 Seventeenth and K sts.
 One-story brick and concrete automo-
 bile bldg.
 Owner—A. George, 3609 Stockton Blvd.,
 Sacramento.
 Plans by Edward Harvey, 2701 X St.,
 Sacramento.
 Contractor—E. P. Harvey, 2701 X St.,
 Sacramento.
 Lessee—Marsden Automobile Co. (Star
 and Durant agents) Sacramento.

Preparing Working Drawings.
ADDITION Cost, \$12,000
BERKELEY, Alameda Co., Cal. Addison
 Street.
 One-story concrete and brick veneer ad-
 dition to present garage building.
 Owner—Withheld.
 Architect—B. Reede Hardman, First Na-
 tional Bank Bldg., Berkeley.

GOVERNMENT WORK AND SUPPLIES

SAN DIEGO, Cal.—Wm. MacDonald
 Construction Co., Syndicate Trust Bldg.,
 St. Louis, Mo., at \$22,317 submitted low
 bid to Supervising Architect, Treasury
 Department, to erect extension to work-
 room, etc., at post office and custom-
 house. Other bids: Chas. Weitz's Sons,
 Des Moines, Iowa, \$22,653; W. E. Kier
 Constr. Co., San Diego, \$23,450; M. H.
 Golden, 3612 Texas St., San Diego, \$24,-
 000; Edgar F. Hastings, 3754 5th Ave.,
 San Diego, \$24,627; Campbell Bldg. Co.,
 Security Bank Bldg., San Diego, \$25,989;
 H. H. Peterson, 1711 W. Atlantic St.,
 San Diego, \$26,759; Geo. Griffiths Constr.
 Co., St. Louis, Mo., \$29,960.

WASHINGTON, D. C.—Bids are being
 received by Bureau of Supplies and Ac-
 counts, Navy Department, to furnish and
 deliver materials to Navy Yards and Sta-
 tions, the date of opening bids as noted
 at close of each paragraph. (Further in-
 formation regarding the Schedule may be
 obtained from Navy Purchasing Officer,
 310 California St., San Francisco):

Sch. 8510, eastern and western yards,
 about 106,000 ft. b. m. white ash lumber.
 Mar. 6.

Sch. 8514, western yards, boat plank-
 ing and cypress. Mar. 6.

Sch. 8516, western yards, steel plates.
 March 6.

Sch. 8525, Mare Island, 7 motor gen-
 erators, control panels and spares. Mar.
 6.

Sch. 8526, western yards, spare parts
 for model "TAB" radio transmitter. Mar.
 6.

Sch. 8535, Mare Island and Puget
 Sound, 4000 lbs. corrosion-resisting steel
 plates. March 6.

Sch. 8539, western yards, copper-nickel
 alloy, bar and shot. March 6.

Sch. 8553, Mare Island, 1 dish-washing
 machine and spares; Puget Sound, 1 dish-
 washing machine and spares. March 13.

Sch. 8565, Mare Island and Puget Sound,
 13 oil-burning galley ranges and spares.
 March 13.

Sch. 8569, Mare Island, 1 meat at
 food grinding machine and spares; Puget
 Sound, 1 meat and food grinding machine
 and spares. March 13.

Sch. 8572, Puget Sound 100 lbs. pho-
 phor tin. March 13.

Sch. 8545, western yards, sheet al-
 pig lead. March 6.

Sch. 8546, western yards, solder. Mar.
 6.

Sch. 8547, western yards, steel shape.
 March 6.

Sch. 8548, western yards, zinc, she-
 and slab. March 13.

Sch. 8549, western yards, drills and
 grinders, electric, portable. March 13.

Sch. 8550, San Diego, 25 surgical bed
 250 bedside lockers, 5 nurses' desks, con-
 tribution desk and chart file and 5 wa-
 medicine cabinets. March 13.

Sch. 8552, western yards, band saw
 and spare parts. March 13.

Sch. 8567, Mare Island, 1 centrifug-
 pump, salt water fire protection, capa-
 city not less than 400 G. P. M. March

PACIFIC COAST—Following is a list-
 ing of contemplated Federal Government
 improvements in the Pacific Coast are
 further mention of which will be made
 when the plans are in course of prepara-
 tion or when bids are desired:

Albrook Field, Panama—(a) \$413,000 for
 166 sets of non-commissioned officers'
 quarters and (b) \$38,000 for 34 sets of
 officers' quarters.

Fort Kamehameha, Hawaii—\$35,000 for
 barracks to accommodate 65 enlisted men.

San Juan, P. R.—(a) \$10,000 for bar-
 racks to accommodate 135 enlisted men
 (this will complete the barracks at this
 station) and (b) \$140,000 for 16 sets of
 officers' quarters.

Schofield Barracks—\$830,000 for bar-
 racks to accommodate 1150 enlisted men.

Wheeler Field, Hawaii—(a) \$504,000
 for barracks to accommodate 100 en-
 listed men, (b) \$300,000 for 96 sets of
 non-commissioned officers' quarters, and
 (c) \$666,000 for 110 sets of officers' quar-
 ters.

Alcatraz Island, Cal.—\$15,000 which
 will complete utility building.

Letterman General Hospital (San Fran-
 cisco)—\$70,000 for quarters to accommo-
 date 18 nurses and \$50,000 for a hospital
 ward of 24 beds.

Pt. Lewis, Wash.—\$350,000 for barrack
 to accommodate 437 enlisted men, \$68,000
 for 11 sets of non-commissioned officers'
 quarters, \$50,000 for 4 sets of officers'
 quarters, and \$32,000 for quarters to ac-
 commodate 9 nurses.

March Field, Cal.—\$150,000 for 25 set-
 of non-commissioned officers' quarters.

New Primary Flying School at San An-
 tonio—(a) \$180,950 for barracks to ac-
 commodate 225 enlisted men, (b) \$540,
 300 for 90 sets of non-commissioned of-
 ficers' quarters, and (c) \$1,250,000 for
 100 sets of officers' quarters.

Presidio of San Francisco—\$40,000 for
 a chapel (complete).

FARGO, N. D.—Until April 3, 11 a. m.
 bids will be received by Construction Di-
 vision, U. S. Veterans' Bureau, Arling-
 ton Bldg., Washington, D. C., to con-
 struct buildings and utilities including
 roads, walks and drainage at U. S. Vet-
 erans' Hospital at Fargo, N. D. See call
 for bids under official proposal section in
 this issue.

MARE ISLAND, Cal.—Until March 21,
 under Specification No. 5556, bids will be
 received by Bureau of Yards and Docks,
 Navy Department, Washington, D. C., for
 hydrotherapeutic equipment at the navy
 yard hospital, Mare Island. The work
 consists of furnishing and installing the
 following hydrotherapeutic equipment
 with connections to the existing hot
 and cold water supply, waste, vent and
 steam lines, control table, sitz baths,
 shower bath, arm bath, leg bath, con-
 tinuous flow bath tub, shampoo table,
 shampoo fixture and fomentation sink.
 Plans obtainable from Bureau at Wash-
 ington, D. C., and from Public Works
 Officer, Mare Island, Calif.

WASHINGTON, D. C.—Until March 19
 10:30 a. m., under Schedule 1861, bids
 will be rec. by Purchasing Office, Panama
 Canal, to fur. and del. Balboa (Pacific
 Port): lumber (Southern Yellow Pine or
 Douglas Fir—boards, timbers, flooring,
 ceiling and car-stake lumber). Further
 information obtainable from Assistant
 Purchasing Officer, Fort Mason, San
 Francisco.

SAN FRANCISCO—See "Harbor Work, Dredging and Excavations," this issue. Plans opened by U. S. Engineers Office for dredging in Petaluma Creek.

WASHINGTON, D. C.—Until March 10, 1928 a. m., under Schedule No. 1899, bids will be rec'd. by Purchasing Officer, Panama Canal, to buy and deliver Baled Pacific Coast electric passenger elevator, rack casting, copper pipe, bronze, wire rope, wire cable, barbed wire, insulators, lighting fixtures, switches, fuses, meters, receptacles, rope, hose, pulleys, winch mowers, grinders, marine clocks, etc. (tongues, bolts, nuts, shackles, nails, galvanized netting, wire cloth, brooms, brushes, mop heads and handles, wheelbarrow handles, etc.). Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

WASHINGTON, D. C.—(By Special Wire).—Austin Engineering Co., New York, N. Y., at \$21,500 submitted low bid to Bureau of Yards and Docks, Navy Department, under Spec. 5517, for Diesel purification plant at the naval operating base, Pearl Harbor, T. H. The work to consist of 6 8000-gal steel tanks, 1 60-gal. sludge tank, 2 100-gal.-per-minute horizontal centrifugal pumps, 1 20-l.-per-minute vertical centrifugal pump, 20-gal.-per-minute rotary pump, 1 600-l.-per-hour centrifugal oil purifier, concrete sump and valve chambers, equipment foundations, oil, water, and draining and accessories, electrical transformers, conduits, cables, and lighting and power systems, and a building, approximately 18 x 18 ft. of concrete and structural steel to house the pumping equipment. Other bids: Grace Bros., Honolulu, \$28,953; J. L. Young Engineering Co., Honolulu, \$33,100.

CALIFORNIA—President Coolidge has given bill for an additional \$100,000,000 for new postoffices and federal buildings throughout the country. Under plans of the Treasury Department, \$10,000,000 of this sum will be expended in California, and of this sum \$3,250,000 is intended for government construction in San Francisco and \$1,000,000 in Oakland. Contemplated improvements of the government in San Francisco includes an additional "wing" building at the rear of the Seventh and Mission postoffice and a new Federal Bldg. in the Civic Center. Oakland appropriation provides for postoffice construction.

Contractor Taking Sub-Figures.
OST OFFICE BLDG. Cost, \$7500
OAKLAND, Alameda Co., Cal. Piedmont Ave. and Estrada St.
One-story frame post office building.
Owner—Mr. Broodfish.
Plans by E. Sommarstrom.
Contractor—E. Sommarstrom, 463 Jerome Ave., Oakland.
Lessee—United States Government.
Building permit applied for.

SAN DIEGO, Cal.—The Bureau of Yards and Docks will advertise for bids shortly for sea-plane hangar at the aviation, naval operating base, San Diego; Capt. Geo. A. McKay, public works officer, San Diego. The work will include hangar having concrete footings and walls, structural steel trusses and frames, steel sash, metal covered swinging doors, steel doors sliding on tracks, insulated steel roof deck with built-up roofing, galvanized steel sliding, roof ventilators, hanging and valley gutters, and galvanized steel pipe downspouts and leaders. Contractors desiring to figure the work should make applications for plans to the Public Works Officer, Eleventh Naval District, Foot of Broadway, San Diego. \$10 deposit required for plans.

WASHINGTON, D. C. (By Special Wire).—Frigidaire Corp., at \$13,078, submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for motor driven compressor, motor driven brine pump, motor for existing agitator, automatic thermostatic control equipment, switchboard, wiring and piping to complete refrigerating system at Marine Barracks, Mare Island. Other bids: J. D. Love, \$17,090; Cyclops Iron Works, \$14,019.

HALLS AND SOCIETY BUILDINGS

MERCED, Merced Co., Cal.—Until March 13, 10 A. M., bids will be received by P. J. Thornton, county clerk, to erect Veterans' Memorial Building at Dos Palos. Plans by W. E. Bedesen, county surveyor, Shaffer Bldg., Merced. Cert. check 10% payable to Chairman of Board of Supervisors req. with bid. Plans obtainable from county surveyor on deposit of \$10, returnable.

Completing Plans.
CABIN Cost, \$—
SAN FRANCISCO, Golden Gate Park.
One-story log cabin.
Owner—S. F. Fly Casting Club.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco.
Plans will be completed in two days.
Work will be done by day's labor.

Wate of Opening Bids Set for March 1, 1 p. m.
CLUB BLDG. Cost \$4—
SAN FRANCISCO, Wamona st. and 36th ave.
Two-story brick or reinforced concrete club bldg.
Owner—Junior League.
Architect—Ashley & Evers, 525 Market st., S. F.

Bids Opened—Under Advertisment.
CLUB HOUSE Cost \$250,000
OAKLAND, Alameda Co., Cal., Broadway and Clifton st.
Two-story frame and stucco clubhouse.
Owner—Claremont Country Club (Mr. Watson in charge).
Architect—Geo. W. Kelham, 315 Montgomery st., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., S. F.
Contractor will be selected Feb. 28.

Contracts Awarded
CLUB BLDG. Cont. price \$88,679
SAN FRANCISCO, Broderick and Baker sts., 200x300 ft.
Two-story frame and stucco yacht club building.
Owner—St. Francis Yacht Club (Hiram W. Johnson).
Architect—Willis Polk Co., 277 Pine st.
Contractor—Stephenson Construction Co., Hearst Bldg.
Painting—The Neal Co., 447 Ivy st.

Contract Awarded
CLUB HOUSE Cont. price \$238,000
OAKLAND, Alameda Co., Cal., Broadway and Clifton st.
Two-story frame and stucco clubhouse.
Owner—Claremont Country Club (Mr. Watson in charge).
Architect—Geo. W. Kelham, 315 Montgomery st., S. F.
Engineer—H. J. Brunner, Sharon Bldg., S. F.
Contractor—Taylor & Jackson, 290 Tehama st., S. F.

HOSPITALS

OAKLAND, Cal.—Establishment of a memorial in honor of the late county supervisor Daniel J. Murphy in the nature of more adequate accommodations for pay patients and a "shelter" for the convalescent colony at the county tubercular sanitarium at Livermore, is proposed.

Plans Being Prepared.
HOSPITAL Cost, \$100,000
FRESNO, Fresno Co., Cal. East of County Fairgrounds.
One-story fireproof hospital (50-bed capacity).
Owner—Brown Sanatorium (composed of Dr. Frank Tillman, S. S. Rowell, Chas. B. and I. B. Brown).
Architect—Chas. E. Butner, Cory Bldg., Fresno.

Plans Being Completed.
DORMITORY Cost, \$50,000
NEAR LIVERMORE, Alameda Co., Cal. Del Valle Farm.
Two-story Class A dormitory building (accommodations for 25 children and isolation wing).
Owner—Alameda County (Tuberculosis Assn.), 121 E-11th St., Oakland.
Architect—Henry H. Meyer, Kohl Bldg., San Francisco.
Bids will be taken in two weeks.

Bids Rejected.
HOSPITAL Cost, \$100,000
MONTEREY, Monterey Co., Cal. Hart St. near Webster St.
Two-story and basement frame and stucco hospital building.
Owner—Drs. Hugh and Horace Dormody, Ordway Bldg., Monterey, and Dr. J. P. Sandholt, Monterey.
Architect—Clarence A. Tantau, 210 Post St., San Francisco.
Bids ran too high and were rejected. Plans are to be revised for a smaller building and new bids called for.

Sub-Contracts Awarded
ADDITION Cost, \$400,000
SAN FRANCISCO, N Broadway E Van Ness Avenue.
Three and four-story and basement reinforced concrete addition to sanatorium.
Owner—Dante Sanatorium. Premises.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—S. Rasori, 270 Tehama St., San Francisco.
Laundry Chutes—Pflandler Sales Co., 55 New Montgomery St. \$1575.
Structural Steel—Dyer Bros., Iron Works, 17th & Kansas St. \$2964.
Glass and Glazing—Arthur Goepp, 32 Page St. \$7400.
As previously reported electrical work awarded to Superior Electric Co., Phelan Bldg., San Francisco.

LOS ANGELES, Cal.—Until 2 P. M., March 19, bids will be received by county for 8 McKesson or equal Anaesthesia machines for the Osteopathic Unit of the L. A. County General Hospital, 1100 Mission Road. Specifications may be obtained at the office of the supervisors, room 303, Hall of Records.

BAKERSFIELD, Kern Co., Cal.—Frank S. Reynolds Post, No. 26, American Legion, will urge city council to erect and maintain emergency hospital in central section of city.

FARGO, N. D.—See "Government Work and Supplies," this issue. Bids wanted to erect U. S. Veterans' Hospital.

MARE ISLAND, Cal.—See "Government Work and Supplies," this issue. Bids wanted for hospital equipment, to be opened by Bureau of Yards and Docks, Navy Dept., Washington, D. C., March 21.

SAN FRANCISCO—S. Rasori, 270 Tehama st., awarded the elevator and dumbwaiter contract to the Spencer Elevator Co., 166 7th st., S. F., at \$15,050 in connection with the construction of a 4-story reinforced concrete addition to the Dante Sanatorium situated on the north side of Broadway west of Polk st. Plans were prepared by Architect G. A. Applegarth, Spreckels Bldg., S. F. Other awards previously reported.

ICE AND COLD STORAGE PLANTS

Contract Awarded.
PLATFORM Cost, \$20,000
STOCKTON, San Joaquin Co., Cal.
Iceing platform, 880 feet long.
Owner—Pacific Fruit Express Co., 65 Market St., San Francisco.
Architect—Eng. Dept. of Owner (Mr. Weatherwax).
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Plans Being Completed
COLD STORAGE PLANT Cost \$250,000
WATSONVILLE, Santa Cruz Co., Cal.,
Beach road (150,000 sq. ft.)

One-story reinforced concrete cold storage plant, 300x500 ft.
Owner—Apple Growers Cold Storage Co. Engineers—Uitley & Kleindinst, 354 Hobart St., Oakland.

Segregated bids will be taken in 10 days.

The cooling system will be circulating brine, while each storage chamber will be 16 feet high and the temperature will be controlled automatically with recording thermometers in each storage chamber recording the temperature every minute of the time the chamber is in use. Special trackage facilities will be built through the center of the property by the Southern Pacific Company, with great platforms for unloading fruit trucks on one side and still larger canopied platforms on the rail side for car loadings.

The personnel of the temporary organization is: Carrol Rodgers, president; Tony Seurich, vice-president; Elmer Paul, secretary. The temporary board of directors is composed of Louis Kuslich, Jack Dicklich, John Brajkovich, Jack Scampavina, Mitchell Pista, Jasper Simunovich, Nicholas Alaga, M. S. Traversers and John W. Lukrich.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 P. M., Mar. 20, bids will be rec. by water and power commission for electric metres and instrument transformers under specifications P-496. James P. Vroman, secretary.

ANAHEIM, Orange Co., Calif.—Until March 8, 8:00 P. M., bids will be rec. by Edward B. Merritt, city clerk, to fur. (1) electric transformers for year 1928, amount of contract not to exceed \$5000; transformers shall be equal to General Electric Type H, 50 cycle; contract to include sizes from 1½ KW. to 200 KW. for 2300 volt primary and either 115-229 volt or 230-460 volt secondary circuits; also standard sizes for 11,500 volt primary and either 230-460 volt, or 2300-4000 Y volt secondary circuits; (2) incandescent lamps for year 1928, contract to be bet. \$1200 and \$2500, lamps to be Mazda or equal; (3) electric meters for year 1928, amount of contract to be bet. \$1000 and \$5000; said meters shall include single phase for two or three wires, equal to General Electric 1-14 polyphase, equal to General Electric D-7, and 5-amp. meters for use with instrument transformers; single phase meters for two wires to be 50 cycles, 110-volt; for three wires to be 50 cycles, 110-220 volt; polyphase meters to be 50 cycle, 220 and 440 volt 5 ampere meters to be 50 cycle, 110, 220 and 440 volt. Specifications obtainable from city clerk.

Sub-contracts Awarded
ARENA Cost \$400,000
SAN FRANCISCO, NE Steiner and Post sts.
Steel frame and concrete arena, 275x137.6 feet.

Owner—Dreamland Auditorium, Inc., 1725 Steiner st., Isadore Zellerbach and Andrew H. Maloney.
Architect—Ward & Blohme, 319 Sansome. Supt. of Constr.—James L. McLaughlin, 251 Kearny st., S. F.
Ornamental iron—Fair Mfg. Co., 617 Bryant st.
Roofing—Richardson Roofing Co., 277 Pine street.

Sub-bids are now being taken on sheet metal, marble, painting and mill work. As previously reported, lumber awarded to Christianson Lumber Co., 5th and Hooper sts., S. F.; heating to Scott Co., 243 Minna st., S. F.; Automatic jacks to Automatic Appliance Co., 1175 Market st., S. F.; excavating to Granfield, Farrar & Carlin, 67 Hoff st., S. F.; structural steel to Minneapolis Steel Co., Hearst Bldg.; winning to Symon Bros. Wrecking Co., 1435 Market st.

The arena will be leased to the Observatory Club, of which Edward J. Lynch, Chester Lynch and Frank Schuber are the promoters. The trio now handles the Dreamland Rink bouts.

RIVERSIDE, Cal.—Board of Public Utilities has authorized R. L. Boulden, superintendent, to prepare estimates of the cost of establishing a steam generating plant to provide electrical capacity to carry a peak load of 5000 kilowatt hours. The present plant is considered obsolete.

SANTA ROSA, Sonoma Co., Cal.—Pacific Gas & Electric Co., 215 Market st., San Francisco, will expend \$100,000 in Santa Rosa district this year; \$116,800 will be expended for additional plant facilities including the installation of two 250-hp. boilers and housing, a steam driven compressor with a capacity of 162,000 cubic feet per hour; \$79,770 will be expended at San Rafael and vicinity for the extension of mains to provide for new business in the territory now served and the extension of mains into new territory; \$99,420 for the imp. and expansion of gas plant in Santa Rosa and \$13,750 at Napa. At Petaluma \$104,000 will be expended, including appropriations for the extension of mains in new territory to take on new business and the enlargement of mains. At Vallejo it is planned to install two new gas generating sets with miscellaneous equipment involving an expenditure in excess of a quarter of a million dollars. The \$48,750 has been appropriated for the extension of mains and distribution facilities.

PUBLIC BUILDINGS

COLTON, San Bernardino Co., Cal.—Until March 19, 7:30 P. M., bids will be received by Olive Phillips, city clerk, to fur. one safe conforming to the following specifications: Color to be olive green with gold trim; exterior finish shall consist of at least two coats of baked enamel; 36-in. wide, 60-in. high and 24-in. deep; interior equipment to utilize the full depth of safe. Further information obtainable from clerk.

OAKLAND, Alameda Co., Calif.—Jos. Plasicke, 666 Mission st., San Francisco, was awarded the contract at \$11,110 by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect addition to industrial shop building at the Industrial Home for Adult Blind, Oakland. Present building is one-story brick with interior frame construction and composition roof. New work consists of addition of 2nd story of frame and stucco construction and tile roof and alterations to existing work. Plumbing, heating and electric work included. Geo. B. McDougall, state architect.

SANTA ROSA, Sonoma Co., Cal.—County supervisors plan early erection of branch county jail at Guerneville. It is proposed to have the structure ready for the summer.

LODI, San Joaquin Co., Cal.—City trustees contemplate purchase of 100 additional lockers for municipal bathhouse.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—R. C. Stickie, 304 Linden st., So. S. F., submitted low bid at \$1690 and was awarded the contract by Mr. McSweeney, city clerk, for the construction

of a one-story concrete fire house for housing fire alarm system. Other bidders were:

E. K. Nelson, S. F. \$21
Roy Lind, S. F. 23
Caney Bros., S. F. 2

Preparing Working Drawings
ADDITION Cost \$20.00

LODI, San Joaquin Co., Cal.
Brick and concrete addition to present library bldg.

Owner—City of Lodi
Architect—Davis-Pearce Co., 47 N. Grant St., Stockton.

Plans will be ready for bids in 30 days.

MERCED, Merced Co., Cal.—County Surveyor W. E. Bedesen authorized the county supervisors to install new boiler for heating system at county hospital. J. J. Thornton, county clerk.

SACRAMENTO, Cal.—A new ter-building program for all California state institutions will be prepared immediately for completion in time for the 1929-30 budget. A. R. Heron, director of the department of Finance has directed all state departments to start at once upon the requests for permanent improvement appropriations.

SACRAMENTO, Sacramento Co., Cal.—Joseph Saunders, 2110 10th st., Sacramento, at \$422 was awarded the contract by Harry W. Hall, county clerk, to painting (1) memorial hall, assembly room, ante-room and kitchen; (2) Room 2, Farm Advisors; (3) Office of the county treasurer—all in county courthouse. Walls and ceilings to be cleaned and patched where necessary and given two coats of washable wall paint. Side wall to be stippled. Other bidders were: C. H. Krebs & Co., Sacramento, \$457; E. J. Brickell, Sacramento, \$788.

RESIDENCES

Plans Ready For Bids In One Week.
RESIDENCE Cost, \$25,000

SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence (11 rooms and 4 baths; English type).
Owner—D. J. Tigh, 51 Santa Paula Ave., San Francisco.
Architect—Henry H. Gutterson, 521 Powell St., San Francisco.

Plans Complete
RESIDENCE Cost, \$10,000

SAN MATEO, San Mateo Co., Cal. Baywood.
One-story seven-room frame and stucco residence (Spanish type).
Owner—J. L. Pierce.
Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.
Bids will be called for shortly.

TRACY, San Joaquin Co., Calif.—A. R. Pedder, associated with George L. Pavy in charge of sales; Harold Howe in charge of the architectural department and Louis Howe in charge of construction, plans an extensive home building campaign and will sell on the "easy pay" plan. The company will operate under the name of Mt. Diablo Building Corp., maintaining headquarters with C. C. House, real estate operator, in Eleventh st.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henilock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Plans Complete
RESIDENCE Cost \$5000
BERKELEY, Alameda Co., Cal. Thousand Oaks.
Two-story frame and stucco residence, English type.
Owner and Builder—J. Harry Smith, 911 Lyvo ave., Berkeley.
Architect—J. Hudson Thomas, Mercantile Bank Bldg., Berkeley.
Sub-bids will be taken shortly.

Plans Being Completed.
RESIDENCE Cost, \$16,000
REDMONT, Alameda Co., Cal. Requa Highlands.
Two-story frame and stucco residence (9 rooms and 3 baths).
Owner—Frank Stears.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
Segregated bids will be taken in a few days.

Completing Plans.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Indian Road.
Two-story frame and stucco residence (6 rooms and 3 baths).
Owner—Ray Wilson.
Architect—Frederick Reimers, 1624 Franklin St., Oakland.
Bids to be taken next week.

Plans Being Completed.
RESIDENCE Cost, \$20,000
SAN FRANCISCO. NE Pacific Ave. and Lyon Street.
Two-story nine-room frame and stucco residence.
Owner—George Boardman.
Architect—Frederick H. Reimers, Tribune Tower, Oakland.
Bids will be taken next week.

Preparing Working Drawings
RESIDENCE Cost \$12,000
SANTOS, Santa Clara Co., Cal.
Two-story frame and stucco residence.
Owner—Jewell Brown.
Architect—Binder & Curtis, 35 W-San Carlos st., San Jose.
Plans will be ready for bids in two weeks.

Contract Awarded
RESIDENCE Cost \$14,000
OAKLAND, Alameda Co., Cal., 280 Stonewall rd.
Two-story frame and stucco residence and garage.
Owner—Eleanor Campbell Blair, 281 Claremont Court, Oakland.
Architect—W. E. Muwam, Pacific Bldg., Oakland.
Contractor—Emil Person, 829 San Luis rd., Berkeley.

Plans Being Prepared
RESIDENCE Cost \$20,000
SAN MATEO, San Mateo Co.
Two-story frame and stucco residence.
Owner—Mr. Maxwell.
Architect—James T. Narbett, Syndicate Bldg., Richmond.

Plans Being Prepared
RESIDENCE Cost \$8000
RICHMOND, Contra Costa Co.
Two-story frame and stucco residence.
Owner—Mr. Melman.
Architect—James T. Narbett, Syndicate Bldg., Richmond.

Plans Ready for Bids Feb. 25.
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., St. James Wood.
Two-story frame and stucco residence. 8 rooms and 2 baths; English type.
Owner—Phil Hershey.
Architect—Miller & Warneck, 1404 Franklin st., Oakland.

PETALUMA, Sonoma Co., Cal.—Stanley McCutchan, Petaluma, awarded contract by A. W. Baker Co. to erect three 5-room frame and stucco bungalows in Post st. near Bassett.

To Be Done By Day's Work.
RESIDENCES Cost, \$4000 each
SAN FRANCISCO. E Cain St. S Lakeview.
Four one-story and basement frame residences.
Owner—W. W. Jeffers, 5170 Mission St. San Francisco.
Architect—None.
Building permit applied for.

To Be Done By Day's Work.
RESIDENCES Cost, \$4500 each
SAN FRANCISCO. W Thirty-ninth Ave. S Judan Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 1391 Eighth Ave., San Francisco.
Architect—None.
Building permit applied for.

Preparing Working Drawings
RESIDENCE Cost \$14,000
OAKLAND, Alameda Co., Casa Argentina.
Two-story frame and stucco residence, English type.
Owner—Harry Stockman.
Architect—Hamilton Audrook, Syndicate Bldg., Oakland.
Bids will be taken in 1 week.

Plans Being Prepared
RESIDENCE Cost \$15,000
BERKELEY, Alameda Co., Cal., Tunnel road.
Two-story frame and stucco residence, English type.
Owner—Henry Snyder, San Francisco.
Architect—Alfred Kuhn, 55 New Montgomery st., S. F.

Contract Awarded.
RESIDENCES Cost, \$5000 each
SAN FRANCISCO. N Broad St. E Orizaba St.
Three one-story and basement frame residences.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame.
Building permit applied for.

Contract Awarded.
RESIDENCES Cost, \$—
SAN FRANCISCO. W Ralston St. S Sargent St.
Six one-story and basement frame residences.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame.
Building permit applied for.

CORONADO, Cal.—Architect Frank P. Allen, San Diego, commissioned to prepare plans for a large residence to be erected at Coronado for Chas. S. Holzwasser, proprietor of Holzwasser's Department Store, San Diego.

Contract Awarded
RESIDENCE Cost \$18,000
OAKLAND, Alameda Co., Cal., Clinton avenue.
Two-story frame and stucco residence, 8 rooms, 2 baths.
Owner—J. Delany, Alameda.
Architect—W. E. Schrimmer, Thayer Bldg., Oakland.
Contractor—J. H. Pickrell, 332 Santa Clara ave., Alameda.

SALINAS, Monterey Co., Cal.—City Planning Commission has approved detailed drawings of two proposed home site tracts, one proposed by Frank B. Porter in s. e. section of city comprising 30 1/2 acres, homes in the tract to be erected at a cost of not less than \$5000 with \$7500 cost on corner lots. The other is that of K. De Lormer, bounded by Alisal and Central Ave. and Homestead Ave. and the slough. Homes in this tract will cost from \$5000 or over. Concrete streets will be provided in the latter project.

Permit Applied For.
DWELLING Cost, \$14,000
BERKELEY, Alameda Co., Cal. No. 2540 Virginia St.
Two-story frame and stucco 4-family dwelling (16 rooms).
Owner and Builder—Miller-White Co., 6407 Regan St., Oakland.
Architect—None.

Contract Awarded.
RESIDENCE Cost, \$17,000
SAN MATEO, San Mateo Co., Cal. Baywood.
Two-story frame and stucco residence (English type; 8 rooms and 2 baths).
Owner—R. W. Truett.
Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.
Contractor—Thos. Cavanaugh, 603 Dorchester St., San Mateo.
Contract awarded on cost plus basis.

Plans Being Figured—Bids Close Mar. 5.
RESIDENCE Cost \$16,000
BERKELEY, Alameda Co., Cal., Coventry rd.
Two-story and basement frame and stucco residence (number of rooms not yet determined).
Owner—Herman Schwartz.
Architect—W. H. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.

Sub-bids Being Taken
RESIDENCES Cost \$14,000
OAKLAND, Alameda Co., Cal., Hopkins street.
Two 1-story 8-room duplex residences.
Owner and Builder—A. J. Pollard, 75 Plaza st., Berkeley.
Architect—W. W. Dixon, 1840 Park blvd., Oakland.

Contract Awarded
RESIDENCE Cost \$8000
SAN JOSE, Santa Clara Co., Cal., Hanchett Park.
Two-story frame residence.
Owner—W. A. Popp.
Architect—Binder & Curtis, 35 W San Carlos st., San Jose.
Contractor—E. A. Hathaway, 644 E Margaret st., San Jose.

Plans Being Figured—Bids Close March 8
RESIDENCE Cost, \$25,000
PETALUMA, Sonoma Co., Cal.
Two-story frame and stucco residence (15 rooms and 3 baths).
Owner—R. Righetti, Bank of Italy Bldg., Petaluma.
Architect—Warren Perry, 260 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. North Cragmont District.
One-story 6-room frame and stucco residence (English type).
Owner—F. C. Platt.
Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.
Contractor—J. W. Monroe, 5538 Claremont Ave., Piedmont.

Plans Being Prepared.
RESIDENCES Cost, \$10,000 each
BERKELEY, Alameda Co., Cal. Arlington Acres.
Two two-story six-room frame and stucco residences.
Owner—Misses Frosh and Kimball.
Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.
Plans will be ready for bids in ten days.

Plans Being Figured—Bids Close Mar. 29.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Vicente Avenue.
Three-story frame and stucco residence (12 rooms and 4 baths).
Owner—J. A. Creed.
Architect—Edward L. Snyder, 2108 Addison St., Berkeley.
Plans will be ready for bids in one week.

Preparing Working Drawings
RESIDENCE Cost \$15,000
SAN MATEO, San Mateo Co., Cal.
Two-story and basement frame and stucco residence, 8 rooms, 2 baths, and garage.
Owner—E. C. Pulliam.
Architect—Grimes & Scott, Balovich Bldg., San Mateo.
Bids will be taken in 2 weeks.

Owner Taking Bids
RESIDENCE Cost \$8000
OAKLAND, Alameda Co., Cal., Laguna st. near Montana.
One-story frame and stucco residence (7 rooms, 1 bath).
Owner—Peter Conens, 2009 Livingston st., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, \$35,000
SAN MATEO, San Mateo Co., Cal. Baywood.
Two-story and basement frame and stucco residence (11 rooms, 4 baths, 3-car garage with chauffeur's quarters).
Owner—Withheld.
Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.

Preparing Working Drawings.
RESIDENCES Cost, \$12,000 ea
SAN MATEO, San Mateo Co., Cal. Bay-
wood.

Two two-story frame and stucco resi-
dences (Spanish type).
Owner and Builder—B. E. George, Prem.
Architect—Grimes & Scott, Balovich
Bldg., San Mateo.
Sub-bids will be taken in two weeks.

Sub-Bids Being Taken.
RESIDENCES Cost, \$12,000 ea
CAYWOOD, San Mateo Co., Cal. Crystal
Springs Road.

Three two-story frame and stucco resi-
dences (Spanish type).
Owner and Builder—B. E. George, Prem.
Architect—Grimes & Scott, Balovich
Bldg., San Mateo.

Plans Being Figured—Bids Close Mar. 6
RESIDENCE Cost, \$10,000
MIRA VISTA, Contra Costa Co., Cal.
Two-story frame and stucco residence
(9 rooms, 2 baths, double garage).
Owner—Ira Vaughan, City Treasurer,
Richmond.
Architect—Raymond De Sanno and Lynn
Bedwell, 271 10th St., Richmond.

Completing Plans.
RESIDENCE Cost, \$40,000
SAN FRANCISCO. Washington and
Spruce Streets.
Two-story frame and brick veneer resi-
dence (English type; 12 rooms and 5
baths).
Owner—Leland Rosener.
Architect—Albert Farr and F. Ward, 68
Post St., San Francisco.
Bids will be taken in one week.

SCHOOLS

Plans Being Revised.
ADDITION Cost, \$30,000
DUNSMUIR, Siskiyou Co., Cal.
One-story frame and stucco addition to
present school (five classrooms).
Owner—Dunsmuir Union High School
District.
Architect—Starks & Flanders, Ochsner
Bldg., Sacramento.

Date of Opening Bids Postponed Until
March 20, 10:45 a. m.
SCHOOL Cost \$28,000
OAKLAND, Alameda Co., Cal., Horace
Mann School.
Two-story frame and stucco school bldg.,
4 classrooms, 180 seating capacity.
Owner—City of Oakland Board of Edu-
cation.
Architect—Building and Grounds Dept.
of Board of Education.

FRESNO, Fresno Co., Cal.—Following
is a complete list of bids received and
taken under advisement by Board of Edu-
cation to erect Franklin, Dailey and
Fremont elementary schools from plans
of Shields, Fisher and Lake, Pacific
Southwest Bldg., Fresno, architects and
engineers. All buildings will be one story,
brick construction with floor construction
for a future story. Each building
will be the first unit of what will ulti-
mately be a 25-classroom school:

Specifications A-1 to A-14—General
Carpentry
Alternate (1) Omitting rooms 4 and 5,
deduct; alt. 2, acoustical plaster, deduct;
alt. (3) drainage, deduct.
Carl H. Peterson, Fresno, Benjamin
Franklin school, \$32,600; Morris E. Dai-
ley school, \$33,400; John C. Fremont
school, \$33,680; lump bid on three schools,
\$98,000; alt. (1) \$2000 each school; omit
septic trenches, each \$600; change ceil-
ings, room 7 to acoustical plaster, de-
duct \$340 each.

W. T. Harris, Fresno, lump bid on
three schools, \$88,218; if acoustical plas-
ter is used in lieu of acoustic celotex
deduct \$1362; if no drainage system is
required on septic tanks, deduct \$1660;
if classroom 4 and part of 5 are omit-
ted, deduct \$480.

Irwin & Hopkins, Fresno, lump bid on
three school, \$80,412; alt. (1) \$4155; (2)
\$1358; (3) \$1110. Fremont school, \$27,108;
(1) \$1385; (2) \$412; (3) \$555. Franklin
school, \$26,146; (1) \$1385; (2) \$412. Dailey
school, \$27,161; (1) \$1385; (2) \$412; (3)
\$555.

J. P. Williams, Fresno, lump bid on
three schools \$95,478; Dailey school, \$32,-
221; (1) \$1218; (2) \$350; (3) \$621. Fre-
mont school, \$32,596; (1) \$1218; (2) \$350;
(3) \$580. Franklin school, \$31,300; (1)
\$1218; (2) \$350.

E. H. Mellencamp, Fresno, lump bid
on three schools, \$93,890; alt. (1) \$1100
for each room; kindergarten and work
shop alt. deduct \$300 for each alt.

W. J. Ochs, Fresno, three schools, \$83,-
400; (1) \$3900; (2) \$1233. Spec. B-1 and
B-2, millwork, glass and glazing, \$8118;
alt. deduct, \$678.

E. K. Nelson, 77 O'Farrell st., S. F.,
three schools, \$90,975; alt. (1) \$3000; (2)
\$396; (3) \$660; lump bid on Dailey and
Franklin schools, \$60,975; (1) \$2000; (2)
\$264; (3) (Dailey school) \$330.

Shorb & Neads, Fresno, three schools,
\$91,750; (1) \$1640; (2) \$1114; (3) \$700.
Franklin school, \$30,780; (1) \$589; (2)
\$371. Dailey school, \$30,780; (1) \$589;
(2) \$371; (3) \$350. Fremont school, \$20,-
780; (1) \$589; (2) \$371; (3) \$350.
McGinty Construction Co., Fresno, three
schools, \$99,260; (1) \$4260; (2) \$1129; (3)
\$1129.

Roy Martin, Fresno, three schools, \$78,-
750; (2) \$400. Franklin school, \$25,900;
(1) \$1500. Dailey school, \$26,500; (1) \$1500;
Fremont school, \$26,500; (1) \$1500; (3)
\$50 for each.

Geo. G. Wood, Fresno, three schools
\$82,000; (1) \$3900; (2) \$42; (3) \$1237. Fre-
mont school, \$27,750; (1) \$1200; (2) \$14
(3) \$618.50; Dailey school, \$27,550; (1)
\$1300; (2) \$14; (3) \$618.50. Franklin
school, \$26,800; (1) \$1300; (2) \$14.

Specifications "E"—Painting
Alt. (1) omit rooms 4 and 5, deduct.
Raphael Co., San Francisco, three
schools, \$5431; alt. (1) \$525 each bldg.
Joseph Stretcher, Los Angeles, three
schools, \$5175; (1) \$415.
C. W. Von Wolff, Fresno, three schools
\$5712; (1) \$321; if Glidding Stucolor ce-
ment coating used, add \$257.10.

Clinax Paint Shop, 204 Lissner Bldg.,
Los Angeles, three schools, \$558; (1) \$342.
M. W. Hancock, Fresno, three schools
\$4575; if concrete paint is used instead
of water add \$345. Dailey school, \$1565
Franklin, \$1565; Fremont, \$1565; if ce-
ment paint used add \$115 each school
omitting rooms 4 and 5, ded. \$135 each
school.

Jas. E. Harrison, Fresno, Dailey school
\$1786; Franklin school, \$1786; Fremont
\$1786; including two coats of concrete ce-



NOTE:—The following K.C.B.-like story appeared in these columns in June, 1924, and at that time a young lady had just entered our employ. She thought this story about the lady's underclothes being made of flour sacks very, very funny. She is one of the modern girls, knew only of silks, etc.

TIMES HAVE surely changed.
ON BUSY Market Street, San Francisco.
THEY MOVED a market.
THAT SELLS food you eat.
TO MAKE room.
FOR A beauty shoppe.
AND A 35-chair barber shop.
AND ON lower Market Street.
A FORMER saloon site.
IS A bobbed hair emporium.
SO IT is the barber.
WHO CAN afford.
TO PAY the high rents.
IN THESE bobbed hair days.
SANDY PRATT, President.
OF THE Pratt Building Material Co.
PRODUCER OF crushed rock.
WASHED GRAVEL and clean sand.
REMEMBERS OUR grandmothers.
AS SOAP makers.
OUT OF ashes.
AND GREASE from the kitchen.
BUT NOW with fireless cookers.
AND STEAM heat.
WE HAVE no ashes.
SO THE coming grandmas.
WILL HAVE to buy soap.
WHEN SANDY Pratt.
WAS A small boy.
DOWN in Tulare.
THE GIRLS wore underclothes.
MADE OF flour sacks.
HOW DOES Sandy know.

BECAUSE HE saw them.
ON THE clothes lines.
FLIRTING in the wind.
SAYING "SPERRY'S Best Flour."
OR "JONES' Oatmeal Mush."
BUT SHOW Sandy Pratt.
SELLER OF clean rock.
ALSO CLEAN sand and gravel.
THE HUSBAND or father.
WHO HAS the backbone.
IN THESE days.
OF SILKS and satins.
TO ASK his wife or daughter.
TO WEAR underclothes.
MADE OF flour sacks.
"I THANK you."



The wedding of Miss Rock Candy of Prattrock near Folsom, (home of Sandy Pratt's crushed rock and gravel plant) and B. A. Sandwich of Prattice, Monterey County. (Home of the sand plant). Miss Rock Candy made her wedding trousseau from Sperry flour sacks—a present from Sandy Pratt, gravel producer at Sacramento, Marysville, Prattrock (near Folsom) Mayhew (Sacramento County) and Prattice (Monterey County)—Central Office—San Francisco.

Paint on exterior brickwork; omitting room 4 deduct \$800 each school. Omitting rooms 4 and 5, deduct \$110 each school.

Spec. "F"—Electric Wiring
alt. (1) underground service, add.
Fresno Electric Co., Fresno, three schools, \$9570; alt. (1) \$950.
Electric Const. Co., three schools \$8900; alt. \$3.20 per ft. ded. \$45.
Valley Electrical Supply Co., Fresno, three schools, \$9500; (1) \$960.
Robinson Electric, Fresno, Franklin school, \$3246; (1) \$270. Daily school, \$46; (1) \$240. Fremont school, \$2246; (1) \$390; if wire is left out of four outlets in room 7, deduct \$30 each school.
Vessel Electric Co., Fresno, three schools, \$9300; bid including underground service \$9790. If one of above schools is bid price to be one-third of above for each school.

Sec. B-1 to B-2—Millwork, Glass and Glazing

(1) If rooms 4 and 5 omitted, ded. Madary's Planing Mill, Fresno, three schools, millwork only \$6710; alt. (1) three classrooms, \$640; three schools, mill work, glass and glazing, \$7625; (1) \$734.
Hollenbeck Bush Planing Mill Co., Fresno, Franklin, \$2727; Dailey, \$2724; Fremont, \$2785; (1) \$226 each school.
Fresno Planing Mill Co., Fresno, Franklin, \$2689; Dailey, \$2689; Fremont, \$2746; (1) \$228 each school; bid on three schools, \$24; (1) \$660.

Sec. C, Plumbing; D, Heating; H, Finish Hardware

(D) W Degen Co., Fresno, three schools \$574; one school only \$3669; rooms 4 and 5 omitted, deduct \$130 each school; Johnson Service Co., control omitted, deduct \$685 each school.
(C) B. A. Newman Co., Fresno, three schools \$5075; Franklin, \$1925; Dailey, \$666; Franklin, \$2852; Dailey, \$2852; Fremont, \$2852. (D-1) Johnson Service, three schools, \$2259. (D-1) Johnson Service, ded. \$753 each school; (D-1) heating omitted, deduct \$175 each school; (D-1) Johnson Service, omit classroom, deduct \$3 each school.

Barrett-Hicks Co., Fresno, (D) heating three schools, \$13,173. If heating in room 4 is omitted, deduct \$100; Johnson thermostat control \$727; if Johnson thermostat control omitted from room 4, deduct \$66. (C) Plumbing on three schools, \$37. Alt. on Dailey and Fremont schools stalling 8-in. well as per agenda to add \$82 each. (H) Finish hardware Dailey school, \$637; Franklin, \$637; Fremont, \$624.

Fresno Hardware Co., Fresno, (H) on three schools, \$1589; alt. for work omitted, deduct \$189; if Bower Barr hardware is used, deduct \$140. (H) Fremont, \$48; Franklin, \$536; Dailey, \$536. Alt. for work omitted, deduct \$63 each school; Bower Carr hardware is used, deduct \$5 each school.

Kutner-Goldstein Co., Fresno, (H) finish hardware on three schools, \$2094; rooms 4 and 5 omitted, deduct \$234. Extra hardware as shown on plans; Franklin, \$126; Dailey, \$126; Fremont, \$134.

Spec. No. 1, Slate Blackboards

H. S. Crocker Co., Inc., San Francisco, Fremont, \$618; if room 4 omitted, ded. \$93.50; alt. Permacer blackboard, \$452.20; if room 4 omitted, deduct \$75.90. Franklin and Dailey, \$1297.50; if room 4 omitted, deduct, \$213; alt. Permacer blackboard, \$351.50; if room 4 omitted, ded. \$56.

C. F. Weber & Co., San Francisco, tiling slate complete, \$407 each school. Rooms 4 and 5 omitted, deduct \$60 each school; alt. Penn. slate blackboard completed, \$525 each school; rooms 4 and 5 omitted, deduct \$78 each school (The total sum of all offers being \$932 for tiling slate and Natural slate combined less total deductions of \$138.) Pacific Coast Blackboard Co., Pyramid

Brand slate blackboards for three school, \$4000; rooms 4 and 5 omitted, deduct \$84 each school.

W. T. King & Sons, Pyramid Brand Pennsylvania Natural slate in three schools, \$1450.

REDDING, Shasta Co., Cal.—Trustees of Shasta Union High School District are considering preliminary plans for landscape work in connection with new high school grounds. C. R. Milford is president of the school trustees.

Commissioned To Prepare Plans. SCHOOL Cost, \$53,000
SAN ANSELMO, Marin Co., Cal.

One-story frame and stucco school building (8 classrooms).
Owner—San Anselmo School District.
Architect—S. Heiman, 57 Post St., San Francisco.

Bonds in the sum of \$53,000 were recently voted.

Plans Being Prepared SCHOOL Cost \$400,000
SAN FRANCISCO, Arguello Blvd. near Geary st.

School building.
Owner—City and County of S. F.
Architect—Miller & Pflueger, 580 Market.

GLENDAL, Los Angeles Co., Cal.—Christ Thoren, 5615 W Fourth st., L. A., submitted low bid at \$810,000 on general contract to erect new high school buildings on Glenwood rd. school site for the Glenwood board of education. Alfred F. Priest, 719 Fay Bldg., L. A., is the architect. Low bidders on other contracts were: Coony & Winterbottom, 241 Hunter st., on plumbing at \$55,944, and also on heating and ventilating at \$88,441; American Electric Const. Co., \$69,807. Lyon Metallic Manufacturing Co. on steel lockers at \$10,193.12; Anderson Co. laboratory equipment at \$29,750; and Pacific Electric Clock Co. on program clock system at \$3710. Bids taken under advisement. Brick, steel and reinforced concrete construction.

OAKLAND, Alameda Co., Cal.—Bids will be called for shortly by the City of Oakland Board of Education for grading the site of the proposed three-story reinforced concrete administration building to be erected on Second ave. and E-10th st., Oakland. Plans are being prepared by Architect William Knowles, 1214 Webster st., Oakland. Est. cost \$200,000.

RICHMOND, Contra Costa Co., Cal.—Until March 16, 2:30 p. m., bids will be received by W. T. Helms, secy., Richmond Union High School Dist., to fur. and install steel lockers and school furniture for new high school. Spec. obtainable from City Supt. of Schools, 225 Tenth st., Richmond. See call for bids under official proposal section in this issue.

PIEDMONT, Alameda Co., Cal.—Piedmont High School suffers \$75,000 fire loss which will be repaired immediately.

BERKELEY, Alameda Co., Cal.—Perry Bixler Coaching School suffers \$2000 fire loss. Repairs will be made at once.

SACRAMENTO, Cal.—Lumber and other materials used in the manual training departments of the Sacramento City School District will hereafter be purchased by the Board of Education in lump quantities and not by pupils as in the past, according to J. R. Overtruf, acting city supt. of schools.

SACRAMENTO, Cal.—City Board of Education has provided \$4121 to install new heating system in John Muir School at 3125 Riverside Blvd. The present system has been deemed too expensive.

VISALIA, Tulare Co., Cal.—Until Mar. 16, 2 P. M., bids will be received by L. A. Hagler, clerk, Packwood School District, to repair and reconstruct two-classroom brick school. Plans by A. E. Noble, obtainable from clerk on deposit of \$20, returnable. Cert. check or bidder's bond payable to clerk required with bid. Bids will be opened in office of County Superintendent of Schools.

MODESTO, Stanislaus Co., Cal.—City petitioned to install electrolier system on Upper Tenth st. bet. K st. and Needham ave., a distance of 5 blocks. W. F. McCarton, city eng.

FRESNO, Fresno Co., Cal.—General contractors figuring the Fresno State Teachers' College project are requested to communicate with Mr. H. R. Cayford, secretary-manager of the Fresno Builders' Exchange, 1837 Merced St., Fresno. Mr. Cayford announces that sub-contractors in Fresno have prepared sub-bids on the project and desire to submit same to those bidding on the general contract. The Valley Lumber Co. of Fresno desires especially to submit bids on the lumber.

Excavating Started ENTRANCE Cost \$100,000
BERKELEY, Alameda Co., U. of California.

Triple gate entrance (there will be considerable landscaping).
Owner—University of California.
Architect—George W. Kelham, 315 Montgomery st., S. F.

The entrance will have two automobile gates and one pedestrian gate, connecting with a semi-circular drive.

Excavating is being done by the students.

ATASCADERO, San Luis Obispo Co., Cal.—Frank C. Moran, founder of Moran School for Boys, has purchased three of the largest Civic Center buildings in the Atascadero Colony and will remodel the structures for school purposes. The purchase includes the Administration Bldg., cost \$200,000; the main brick section of the Printer Bldg., cost \$62,000 and the Atascadero Hospital, cost \$50,000. Considerable land adjoining the structures is also included in the deal. The interior of all structures will be remodeled and rearranged. A swimming pool with locker rooms, etc., will be included in the improvements.

Contract Awarded. SCHOOL Cost, \$—
SAN FRANCISCO, No. 2120 Broadway, 137'x275 feet

Extensive alterations to residence for school (24 rooms).
Owner—Miss Hamlin's School, 2234 Pacific Ave., San Francisco.

Contractor—E. Dickerson, Premises.

The new stockholders and directors are as follows: M. M. O'Shaughnessy, City Engineer; W. W. Douglas, of the Bank of Italy; Mrs. Alfred McLaughlin, Mrs. W. C. Sloss and Mrs. Joseph B. McKeon. Mrs. Stanwood is to continue as head of the school.

The mansion itself is served with an automatic elevator and other facilities for school purposes and is well adapted for its needs. The grounds are ample to provide for two tennis courts and a playground, as well as other recreational facilities.

Plans Being Figured—Bids Close Mar. 13th, 9:45 A. M. SCHOOL Cost, \$28,000
OAKLAND, Alameda Co., Cal. Horace Mann School.

Two-story frame and stucco school building (4 classrooms, 180 seating capacity).
Owner—City of Oakland Board of Education.

Architect—Building and Grounds Dept. of Board of Education.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secy., Board of Education, 211 City Hall, to erect Lakeview Junior High school ship building in Harrison st. near 26th. Will be 1-story, of brick construction:
John E. Branagh, 184 Perry st., Oakland, \$28,000
J. P. Bishop, Oakland, 27,900
A. Frederick Anderson, Oakland, 27,987
Fred. J. Westlund, Oakland, 29,375
George Swanstrom, Oakland, 31,349
Bids taken under advisement.

LAYOUTS AND ESTIMATES FURNISHED
MEMBER BUILDERS EXCHANGE

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET
SAN FRANCISCO, CAL.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., Board of Education, 211 City Hall, to fur. and del. science laboratory furniture for school department: C. F. Weber Co., 601 Mission st., S. F., \$11,676; E. H. Sheldon & Co., 200 Davis st., S. F., \$12,315. Bids taken under advisement.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., Board of Education, 211 City Hall, to erect Lakeview Junior high school gymnasium in Harrison st. near 26th st. Will be two-story, of brick construction:
John M. Bartlett, 251 Hobart st., Oakland \$42,000
J. E. Branagh, Oakland 42,700
B. S. McIntyre, Oakland 50,680
Bids taken under advisement.

OAKLAND, Alameda Co., Cal.—Alfred Olsen, 2427 McKinley ave., Berkeley, at \$43,153 submitted low bid and was awarded the contract by Board of Education for construction of Hawthorne Assembly building, a 1-story brick structure. Plans were prepared by the Building and Grounds Dept.

BANKS, STORES & OFFICES

Sub-bids Being Taken
ADDITIONS Cost \$20,000
SAN FRANCISCO, 745 Market st.
Alterations and additions to present bldg. for bank.
Owner—State Guarantee Co.
Architect—Roller-West Co., Crocker 1st National Bank Bldg.
Contractor—Barrett & Hilp, 918 Harrison st.

Plans Being Completed
AUTO BLDG. Cost \$150,000
Oakland, Alameda Co., Cal., Broadway and 29th st. (67,000 sq. ft.)
One-story class C and part class D auto building (service plant and sales room, 50x112 ft.)
Owner—Weaver-Wells Co., 3321 Broadway, Oakland
Architect—Chas. W. McCall, 1404 Franklin st., Oakland.
Structural Engineer—Harry Bolin, 1404 Franklin st., Oakland.
Bids will be taken in about 30 days.

Plans Being Figured
BANK BLDG. Cost \$100,000
SAN FRANCISCO, Mission and Norton streets.
One-story steel frame & concrete bank bldg.
Owner—Hibernia Savings & Loan Society
Architect—Arthur Brown Jr., 251 Kearny st., S. F.
Structural Engineer—C. H. Snyder, 251 Kearny st., S. F.
Segregated bids being taken.

Electrical Contract Awarded
BUILDING Cost \$80,000
SAN FRANCISCO, NE Eddy and Gough streets.
Three, four and five-story steel frame and reinf. concrete building.
Owner—Associated Charities, 1500 Jackson st., S. F.
Architect—Bernard Maybeck, 163 Sutter st., S. F.
Contractor—G. P. W. Jensen, 320 Market st., S. F.
Electrical work—Atlas Electric Co., 343 4th st.

As previously reported, heating awarded to C. Petersen Co., 390 6th st., S. F.; plumbing to W. J. Forster, 3554 4th st.; concrete to Mission Concrete Co., 125 Kissling st.; grading to Sibley Grading & Teaming Co., 165 Landers st.; structural steel to Judson Pac. Co., 604 Mission st.; elevators to Spencer Elevator Co., 166 7th st. Sub-bids are being taken on other portions of the work.

SAN FRANCISCO, Cal.—It is again rumored that the Bank of Italy has purchased a large lot of land, at Pine and Montgomery Streets, with a frontage of 275 feet, extending from Pine to California. The property on the southeast corner of Pine and Montgomery is owned by the Bank of Italy, which gives them a full block. Architect H. A. Minton, Bank of Italy Building, Eddy and Powell Streets, reports that the plans for the new structure will not be started for six or eight months.

Plans Being Figured—Bids Close on March 7th.
STORE BLDG. Cost, \$—
SAN FRANCISCO, Howard St. near Fourth St.
Two-story reinforced concrete store building, 50x80 ft.
Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.
Architect—W. H. Crim, 425 Kearny St., San Francisco.

Contract Awarded
BLDG. Cont. price \$26,235
OAKLAND, Alameda Co., Cal., Lake Shore ave. and Lake Park.
Class C brick bldg.
Owner—Lionel B. and Evelyn A. Hoge, 455 Lagunitas st., Oakland.
Architect—Frederick Reimers, Franklin Bldg., Oakland.
Contractor—Dudley De Velbiss, 354 Hobart st., Oakland.

Additional Sub-Contracts Awarded.
10FT BLDG. Cont. Price, \$26,056
OAKLAND, Alameda Co., Cal., Ninth and Webster Sts.
Two-story Class C loft building.
Owner—Dr. R. N. Blauque, 934 Warfield Ave., Oakland.
Architect—A. Froberg, 505 17th St., Oakland.
Contractor—Clinton Constr. Co., 923 Folsom St., San Francisco.
Brick Work—White & Gloor, Monadnock Bldg., San Francisco.
Plastering—John Eshia, DeYoung Bldg., San Francisco.
Tile Work—Superior Tile Co., 2725 Shattuck Ave., Berkeley.
Other awards reported Feb. 16, 1928.

Plans Being Prepared
MARKET Cost \$100,000
SAN JOSE, Santa Clara Co., Notre Dame convent site.
One-story reinforced concrete market bldg.
Owner—Hart Bros.
Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 So. First st., San Jose.

Contract Awarded
BANK BLDG. Cost \$125,000
MODESTO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell sts., S. F.
Contractor—Wallace Snelgrove, 160 18th st., Richmond.

Sketches Prepared.
ALTERATIONS Cost, \$100,000
SACRAMENTO, Sacramento Co., Fourteenth and J Streets.
Alterations to present two-story Class C building.
Owner—Wright & Kimbrough, 817 J St., Sacramento.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
Lessees—Montgomery Ward.

MERCED, Merced Co., Cal.—J. E. Fritz Merced, at \$47,000 has contract to erect 2-story brick stores and offices at n. e. corner of 18th and L sts. for J. R. Hill of the Merced Meat Market; 50 x 150 ft. with five stores on ground floor and 20 offices above. An annex 45 x 50 ft. is also provided.

STOCKTON, San Joaquin Co., Cal.—F. and W. Grand, 5, 10 and 25 Cent Stores, Inc., of New York, has taken a 50-year lease on the former Pilcher store in Main st. bet. California and American sts. and will expend \$40,000 in remodeling. The lease was closed by Nutter, Hancock and Rutherford, Stockton attorneys, representing the New York concern.

Plans Being Prepared
OFFICE BLDG. Cost \$50,000
OAKLAND, Alameda Co., location withheld.
Two-story and basement concrete and terra cotta office bldg. for a bonding house.
Owner—Withheld.
Architect—Hugh White, Syndicate Bldg., Oakland.

Plans Being Prepared.
STORE BLDG. Cost, \$20,000
SAN MATEO, San Mateo Co., Cal., Highway near Lomita Park.
One-story frame and stucco store building (4 stores).
Owner—C. Stephens.
Architect—Grimes & Scott, Balovich Bldg., San Mateo.
Foundation will be laid for apartments to be added at a later date.

Contract Awarded.
ADDITION Cost, \$—
SAN FRANCISCO—SE Twenty-fifth St. and Potrero Ave.
One-story reinforced concrete addition to present one-story building.
Owner—Investment Properties Corp.
Architect—O'Brien Bros. & W. D. Peugh, 315 Montgomery St., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
Sub-bids will be taken in one week for reinforcing steel, plastering, plumbing, electrical work, etc.

Contract Awarded
POST OFFICE Cost \$40,000
CORCORAN, Kings Co.
One-story brick store and post office bldg.
Owner—Corcoran Dept. Store.
Architect—F. Eugene Barton, Crocker Bldg., S. F.
Engineer—T. Ronneberg, Crocker Bldg., S. F.
Contractor—Lawton & Vezey, 354 Hobart st., Oakland.

Owner Taking Bids.
ALTERATIONS Cost, \$8000
SAN MATEO, San Mateo Co., Cal. Third Street.
Alterations and additions to present building (add grand stairway, show room, etc.)
Owner—Frederick-Smith Furniture Co., 300 B St., San Mateo.
Architect—Clarence Jackson, 1st National Bank Bldg., San Mateo.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Eliminary Plans Being Prepared.
ADDITION. Cost, \$140,000
OAKLAND, Alameda Co., Cal. Fourth and Alice Streets.
Four-story and basement concrete addition to present building.
Owner—Skaggs Safeway Stores, Oakland
Engineers—Couchot & Rosewald, 60 Sansome St., San Francisco.

Sub-Contracts Awarded.
STORE BLDG. Cost, \$8470
RICKLEY, Alameda Co., Cal. W. Dominga Ave. N. Ashby Ave.
One-story frame bank and store building.
Owner—J. Dimmer, Monadnock Bldg., San Francisco.
Architect—A. Farr and Francis Ward, 68 St., San Francisco.
Lessee—American Trust Company.
Contractor—S. J. Bertleson, 3 Estrella Ave., Piedmont.
Lumber and Mill Work—Sunset Lumber Co., Foot Oak St., Oakland.
Plumbing—Scott Co., 113 10th St., Oakland.
Electric Wiring—H. & H. Electric Co., 2905 College Ave., Berkeley.
Plastering—Vincent Fatta, 5126 Shattuck Ave., Berkeley.
Roofing—Eckhart & Ferrabee, 354 Hobart St., Oakland.

Sub-Bids Being Taken.
BANK. Cost, \$20,000
OAKLAND, Alameda Co., Cal. Seventy-fourth Ave. and Foothill Blvd.
One-story reinforced concrete and brick bank building.
Owner—The Oakland Bank.
Architect—George O'Brien, Federal Telegraph Bldg., Oakland.
Manager of Constr.—William Wheeler, 12th and Broadway, Oakland.

Sub-Contracts Awarded.
STORE BLDG. Cost, \$1,750,000
SAN FRANCISCO. NW O'Farrell and Stockton Streets.
Eight-story and basement Class A department store building and five-story addition to present three-story bldg.
Owner—O'Connor, Moffatt & Co., Post and Kearny Sts., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Roofing and plastering—A. Knowles, Call Bldg., San Francisco.
Plumbing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plumbing—William F. Wilson, 242 4th St., San Francisco.
Electrical Work—Chas. Langley, 472 Tehama St., San Francisco.
Elevators—Spencer Elevator Co., 166 7th St., San Francisco.
As previously reported, reinforcing steel awarded to Soule Steel Co., Rialto Bldg., S. F.; terra cotta to Gladding, McBean Co., 660 Market St., S. F.; structural steel to U. S. Steel Products Co., Russ Bldg., S. F.

LOS ANGELES, Cal.—Architect Edward H. Wells, Room 1, 7024 Melrose ave., preparing plans for three-story and basement store and office building to be erected on Wilshire Blvd. for a client; 8 stores and cafe; 40x135 feet, brick construction. Cost, \$225,000.

Construction Started.
ALTERATIONS. Cost, \$—
MIDMONT, Alameda Co., Cal.
Alterations to present building for bank.
Owner—Piedmont Commercial Center.
Architect—Albert Farr and F. Ward, 68 Post St., San Francisco.
Contractor—Fred J. Westlund, 354 Hobart St., Oakland.

THEATRES

WATSONVILLE, Santa Cruz Co., Cal.—J. A. and H. V. Harvey, operating the Pajaro Theatre, has leased quarters in the Franch-Resetar Bldg. in So. Main st. and will remodel for a theatre with seating capacity of 400 persons.

Contract Awarded
THEATRE. Cont. price \$185,000
OAKLAND, Alameda Co., Cal. S 17th st. bet. San Pablo and Telegraph aves., 100x105 ft.
Class A theatre building to be known as Duffin Theatre, seating 1250.
Owner—Income Properties of Calif., Inc., 436 14th st., Oakland (Fred Proctor).
Lessee—Henry Duffy, care Alcazar Thea-

tre, O'Farrell st. near Powell, S. F.
Architect—Weeks & Day, Financial Center Bldg., S. F.
Contractor—Charles Heyer, Mills Bldg., S. F.
As previously reported, interior decorations awarded to Martin & Co., 1509 Sutter st., S. F.
Building has been leased for a period of 20 years and it is expected to have it ready for occupancy about Sept. 1, 1928.
Total cost of bldg. approx \$500,000.
(1156) 1st report Dec. 8; 3rd Feb. 6, 1928

WHARVES AND DOCKS

Plans Being Completed.
WHARF. Cost, \$450,000
RICHMOND, Contra Costa Co., Cal.
Waterfront.
Wharf, 800 feet; cargo building, 800x150 feet; reinforced concrete construction throughout.
Owner—City of Richmond (A. C. Faris, City Clerk), and Parr Terminal Co.
Engineer and Mgr. of Constr.—H. J. Brunnier, Sharon Bldg., San Francisco.
Lessor—Parr Terminal Co., 1 Drumm St., San Francisco.
Bids will be taken March 10th.

PIER. Cost \$1,000,000
SAN FRANCISCO, S Channel st., bet. Piers 46 and 50, to be known as Pier 48.
Pier, 700 by 360 ft; concrete pile and concrete deck apron of creosoted piles
Owner—State Harbor Board.
Engineer—Frank G. White, Ferry Bldg., S. F.
Prop. A, concrete piles, cast long.
Prop. B, shorter piles, built up with jacket.
Low Bidder—Healy Tibbitts Const. Co., 64 Pine st., S. F. (a) \$506,600; (b) \$583,590.
Other bidders were:
Clinton Const. Co., (a) \$621,500; (b) \$595,700.
MacDonald & Kahn, (a) \$629,000; (b) \$642,000.
M. B. McGowan, (a) \$635,000; (b) \$650,000.
Butte Construction Co., (a) \$662,258; (b) \$657,458.
Bids taken under advisement.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured—Bids Close March 5, 5:30 p. m.
COMFORT STATIONS. Cost \$—
OAKLAND, Alameda Co., Municipal Airport.
Two frame comfort stations.
Owner—City of Oakland Port Commission, Oakland Bank Bldg.
Architect—Owners.

Plans Being Figured—Bids Close March 23, 2 p. m.
BLDGs. Cost \$35,000
YOUNTVILLE, Napa Co.
Two-story frame and stucco employees' building and warehouse, and two cottages.
Owner—State of California.
Architect—George B. McDougall, state architect, Forum Bldg., Sacramento.

Date of Opening Bids Postponed Until March 5, 5:30 p. m.
HANGAR. Cost \$—
OAKLAND, Alameda Co., Cal., Oakland airport hangar No. 37.
Concrete foundation and concrete floor slabs, 120x200 for proposed mill constructed hangar.
Owner—Board of Port Commissioner of city of Oakland, 424 Oakland Bank Bldg., G. B. Hegardt, secy.
Architect—Owners.

Completing Plans
UNDERTAKING BLDG. Cost \$12,000
COLUSA, Colusa Co., Cal.
One-story frame and stucco undertaking parlor.
Owner—Sullivan Bros.
Architect—W. H. Weeks, Hunter Duin Bldg., S. F.; 1736 Franklin st., Oakland; 246 So. First st., San Jose.
Bids will be taken in 1 week.

NAPA, Napa Co., Cal.—City council plans to purchase site and improve same for municipal airport.

Commissioned to Prepare Plans
MAUSOLEUM. 1st unit \$100,000
SACRAMENTO, Sacramento Co., Cal., St. Mary's Cemetery.
Reinforced concrete mausoleum, marble and bronze interior.
Owner—Archbishop of Sacramento Diocese.
Architect—B. J. S. Cahill, 857 12th st., Oakland.

UKIAH, Mendocino Co., Cal.—Northwestern Pacific R. R. Co. has appropriated \$27,000 to finance erection of new freight and passenger station here.

Plans Completed.
MAUSOLEUM, ETC. Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal. Oak Hill Cemetery.
Reinforced concrete mausoleum and columbarium.
Owner—Oak Hill Improvement Co., Wm. Vieth, Director, Commercial Bldg., San Jose.
Designer and Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
It will be decided April 1st whether bids will be called for or not.

CHICO, Butte Co., Cal.—Until March 5, 5 P. M., bids will be received by J. R. Robinson, Secy., Bidwell Park and Playground Commission, Waterland-Breslau Bldg., to install permanent sprinkling system, piping, etc., in city park bounded by Broadway, Main, Fourth and Fifth streets. Cert. check 10% req. with bid. Plans obtainable from Secy.

SANTA BARBARA, Cal.—The engineer for the National Board of Fire Underwriters has suggested to the city council that a bond election be held to vote \$200,000 for a fire alarm system, additional fire stations and additional firefighting equipment for Santa Barbara in order to avoid an increase in insurance rates. Two new fire stations are suggested.

SAN RAFAEL, Marin Co., Cal.—Northwestern Pacific Railroad will erect a \$30,000 fireproof freight and passenger station here.

ALAMEDA, Alameda Co., Cal.—Construction of hangars, administration bldg. and other structures will be started at once on the Alameda Airport along the Southern Pacific right-of-way on Alameda Mole, by the Alameda Airport, Inc., of which Captain Chadwick Thompson is president. Grading of 33 acres of land, of a total of 66 acres, has been completed.

Correction in Architect's Name
MAUSOLEUM, ETC. Cost \$200,000
SAN JOSE, Santa Clara Co., Cal., Oak Hill Cemetery.
Reinforced concrete mausoleum and columbarium.
Owner—Oak Hill Improvement Co., Wm. Vieth, director, Commercial Bldg., San Jose.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Architect—Roller West Co., First National Bank Bldg., S. F.
It will be decided April 1 whether bids will be called for or not.

Bids Opened—Under Advisement.
BUILDINGS. Cost \$75,000
FRESNO, Fresno Co.
Five 1-story buildings, pump houses, offices, supt. cottage.
Owner—Pacific Fruit Express Co., 65 Market st., S. F.
Architect—Engineering Dept. of owner.
Bids are being held under advisement for one week.

Plans Being Figured—Bids Close March 7.
LAUNDRY. Cost \$—
RICHMOND, Contra Costa Co., Cal., 15th st. bet. Macdonald and Nevin aves.
Two-story reinforced concrete laundry bldg.
Owner—Richmond Japanese Laundry.
Architect—James T. Narbett, Syndicate Bldg., Richmond.

SAN FRANCISCO—The Federal Construction Co., Call Bldg., at \$139,910.68 submitted low bid to Board of Public Works to const. Section B, under Contract No. 3, Bayshore blvd., bet. Silver and Paul aves; est. cost \$200,000. Project involves 141 cu. yds. class B 2500 lbs. concrete in pedestrian subway; 13,569 lbs. bar reinf. steel (to be fur. and placed in pedestrian subway) including all appurtenant works. The next low

bidding was the Pacific States Construction Co. at \$156,784.60.

SACRAMENTO, Cal.—Chamber of Commerce advocates bond issue for \$200,000 to purchase site and improve for a municipal airport. A. J. Wagner, city engineer.

YOUNTVILLE, Napa Co., Cal.—As previously reported, bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., March 27, 2 P. M., to erect two-story frame and stucco employees' building, store room and employees' cottages at Veterans' Home, Yountville. The store-room and employees' building is a two-story reinforced concrete building with cement finish floors and tile roof. The two employees' cottages are one-story each with reinforced concrete foundations, the balance being frame with plastered exterior and tile roof. Plumbing, heating and electrical work is included. Est. cost \$35,000. See call for bids under official proposal section in this issue.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

12723—X-Ray Products. Innsbruck, Germany. Manufacturers of spectacle glasses (Bioskope-Brillen) for X-ray diagnostics wish connection with X-ray laboratories and firms handling X-ray products.

12729—Wood Tar. Sweden. Large exporter of wood tar seeks connections with

Pacific Coast importers of that commodity.

12730—Fruit Sorting, Grading, Evaporating and Cleaning Machines. Chios, Greece. Company seeks connections with San Francisco manufacturers of machines for grading, cleaning, drying and for the further preparation of dried figs and raisins. They solicit catalogs and prices of L. F. Piraeus.

12732—Italian Marble. Carrara, Italy. Producers of Carrara marble is interested in establishing further connections in the United States. Is sole representative of Prof. Aristotile R. Ambrosini, architect and sculptor, 1105 Bush street, San Francisco.

12735—Sheeting and Drills, Oregon Pine. Valparaiso, Chile. Commission agent seeks connections with San Francisco firms interested in appointing a representative for the sale of Oregon Pine in Chile, on a commission basis. References supplied.

12736—Sash and Doors. Barranquilla, Colombia. A considerable demand exists for American-made sash and doors in the Republic of Colombia, and a well established distributor, representing a number of American manufacturers of other lines, is very desirous of getting in communication with some of the large San Francisco manufacturers of sash and doors, who would be interested in marketing their products in Colombia. References furnished.

12738—Venturi Tube Steam Ash Lift. Cajeme, Mexico. Individual desires to secure catalogs of the latest designs of venturi tube steam ash lifts, which could be used by three plants in Mexico, with which he has connections.

D-2779—Cheap Galvanized Barb Wire. Tucson, Ariz. Company wishes to secure prices on a car load of galvanized barb wire, f. o. b. Tucson. They want a cheap galvanized wire for ranch fencing.

D-2795—Sanitary Refuse Receptacles and Fireproof Electric Flatiron Cabinets. Los Angeles, Cal. Manufacturers and distributors of garbage disposal equipment for residences and apartments, and fireproof electric flatiron cabinets, are

anxious to communicate with San Francisco dealers in builders' hardware and building specialties and with lumber companies.

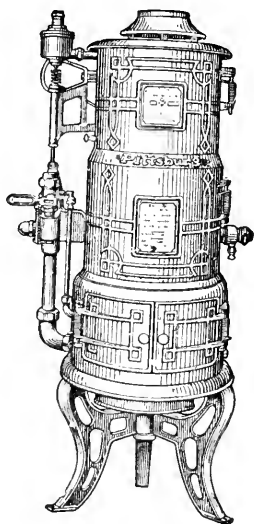
D-2786—Slate, Tile and Marble. Philadelphia, Pa. Producers of the above mentioned building materials wish to appoint a Pacific Coast sales representative to handle their products, particularly building slate.

D-2787—Hardwood Lumber. Portland, Ore. Lumber mill is in a position to supply hardwood lumber, such as alder, maple, ash and some oak, which would be cut in dimensions to suit the purchaser and could be air dried before shipping. They wish to hear from San Francisco furniture mfrs. and others interested users of this type of wood.

CHICAGO, Ill.—Associated Counselors (J. Harrington), First National Bank Bldg., Chicago, manufacturers and distributors of a lawn edging tool which retails for \$2.50, wish to get in touch with a suitable San Francisco sales organization to handle the distribution of their tool in this territory.

BUFFALO, N. Y.—Acme Heating Corp. (room 31), 13 1/2 Swan st., Buffalo, N. Y., patentee and manufacturer of a gas burning heating system, desires to enter into a contract with a San Francisco concern to manufacture and market their heating system on a royalty basis.

NEW YORK, N. Y.—Joseph Morje, 44 Beaver st., New York, N. Y., offers his services to San Francisco manufacturers and merchants who are contemplating establishing New York connections, or who may desire to have someone in New York to keep in touch with their trade and their prospects and to look after any details which might come up in reference to their relations to their customers. He is also in a position to look after import or export shipments made through New York and can handle all documents in connection therewith.



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904

San Francisco

ALAMEDA, Alameda Co., Cal.—City plans to install modern electrolier system in Park St., bet. Lincoln and San Jose Aves., Santa Clara Ave., bet. Everett and Oak Sts., and in Central Ave., bet. Park Ave. and Oak St. to replace the present obsolete system.

SANTA MARIA, Cal.—City plans installation of modern street lighting system and is conferring with various manufacturing companies with a view to adopting a standard.

CULVER CITY, Cal.—Until 8 P. M., March 5, bids will be rec. to const. ornamental lighting system in Culver Blvd., involving 124 Lt. Lux type concrete posts. Cert. check or bond, 10%. H. O. Hantford, city engineer. Nefie Brown Haus, city clerk.

SAN LEANDRO, Alameda Co., Cal.—H. C. Reid Co., 389 Clementina St., San Francisco, at \$9293 sub. low bid to city to install street lighting system in portions of E-14th St., Davis St., etc. Other bids: Newberry-Pearce Electric Co., San Francisco, \$9950; H. Frank, Hayward, \$11,626. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—Until March 19, 3 p. m., bids will be rec. by Eugene D. Graham, county clerk, to install ornamental street lighting system fronting courthouse ppy. in Weber ave., Main St., Hunter St., and San Joaquin St. Cert. check 10 per cent payable to Chairman Board of Suprs. req. with bid. Plans on file in office of clerk. F. E. Smith, county surveyor.

MACHINERY AND EQUIPMENT

WILLOWS, Glenn Co., Cal.—Until Mar. 6, 10 a. m., bids will be rec. by Roscoe Caldwell, secy., Jacinto Irrigation Dist., to fur. and del. one Model 204 P & H excavator equipped as dragline, complete with 35-ft. boom and one-half yard dragline bucket. Further information obtainable from secy. See call for bids under official proposal section in this issue.

SAN MATEO, San Mateo Co., Cal.—Until March 5, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to fur. one roller type power lawn mower with sulky attachment. Cert. check 10 per cent req. with bid. Spec. on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Cornell Tractor Co., San Jose, at \$2627.44, awarded cont. by city to fur. 4-cylinder, standard model 30 "Caterpillar" tractor for street department.

SANTA CRUZ, Santa Cruz Co., Cal.—Cornell Tractor Co., submitted low bid to city to fur. tractor for street dept. Taken under advisement.

BISBEE, Ariz.—Thomas Bardou of New York City, a director of the Shattuck-Denn Mining Corp., Bisbee, on an inspection tour, announces the company will soon start work on installation of a large electric hoist at the Denn shaft in Lowell, and for the sinking of an additional 100 to 200 ft. in the shaft to develop what is believed to be a huge ore body on the 2000-ft. level. Estimated expenditure, \$100,000. Byron M. Pattison, Los Angeles, a director, is also in Bisbee in connection with the new plans.

STOCKTON, San Joaquin Co., Cal.—Bundesen & Lauritzen, Pittsburg, at \$6190 awarded cont. by county to const. two ferry boats, each boat involv. 17,371 ft. b. m. lumber and operating machinery.

BAKERSFIELD, Kern Co., Cal.—Trustees of Vineland School District, on March 12th, will sell to highest bidder one 1½-ton, 1921, Moreland chassis engine, No. 1123K4, no longer required by the district. The equipment may be inspected at 130 E-19th St., Bakersfield. Further information obtainable from A. J. Fowler, clerk.

FIRE ALARM SYSTEMS

GILROY, Santa Clara Co., Cal.—Irvin Hollister heads committee planning construction of base ball park. Contemplated improvements involve grandstand, fencing, lavatory buildings, etc., involving an expenditure of approx. \$230. Money already on hand totals \$1355.

FIRE EQUIPMENT

GRIDLEY, Butte Co., Cal.—Standard Hardware Co., Gridley, at 75c ft. awarded cont. by city to fur. 200 ft. 1½-in. hose for fire department.

MODESTO, Stanislaus Co., Cal.—Until March 11, 7:30 p. m., bids will be rec. by H. E. Gragg, city clerk, to fur. and del. certain fire apparatus f. o. b. Modesto, including 75 ft. aerial ladder truck, completely equipped, standard 6-cylinder engine. Further information obtainable from clerk.

MISCELLANEOUS SUPPLIES

CHICO, Butte Co., Cal.—Until March 6, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to fur. electric lights to city for period of 3 years, beginning March 6, 1933. Spec. on file in office of clerk.

MONTEREY, Monterey Co., Cal.—Bids will be asked at once by city council to fur. and del. 3000 ft. 10-inch and 12-inch rope for use at municipal wharf.

MISCELLANEOUS CONSTRUCTION

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4021) to const. reinf. conc. pedestrian subway under The Alameda at Hoster ave. 1911 act. Protests March 12; John J. Lynch, city clerk; Wm. Popp, city eng.

WATER WORKS

LOS ANGELES, Cal.—Until March 14, 1:30 p. m., bids will be rec. by County Sanitation Dist. No. 2, Law Bldg., to fur. and install two 2-in. sewage pumps at treatment plant in Harbor City. Cert. check or bonds 10 per cent req. with bid. Plans obtainable from secy., A. S. Soule.

SAN FRANCISCO—Until March 2, 12 noon, bids will be rec. by E. P. Lamb, secy., Park Commission, Park Lodge, Golden Gate Park, to install deep well turbine pump and motor in main water works at Golden Gate Park. Cert. check 10 per cent payable to Bd. of Park Commissioners req. with bid. Spec. obtainable from Assistant Supt. of Parks and Squares at the Park Lodge.

OAKLAND, Cal.—Until March 16, 7:30 p. m., bids will be rec. by John H. Kimball, secy., East Bay Municipal Utility Dist., 1924 Broadway (Ray Bldg.), to construct and furnish f. o. b. Valley Springs, Cal., a throttle valve and a Venturi meter for Paradise Tunnel Outlet Mokelumne River project. Spec. obtainable from above office.

BURLINGAME, San Mateo Co., Cal.—Jas. Currie, 1100 Peninsula ave., Burlingame, at \$22,987.93, awarded cont. by city to install water mains as follows: 610 ft. 4-in., 17,455 ft. 6-in., 550 ft. 8-in., 3045 ft. 10-in. and 8674 ft. 12-in. cast

iron pipe; also installation of 54 hydrants together with fittings for all work above, including trenching and backfill, repaving pavements, walks, gutters and driveways, etc. Chas. E. Prentiss, San Jose bid \$21,086.50.

CHICO, Butte Co., Cal.—Until March 5, 9 p. m., bids will be rec. by J. R. Morrison, secy., Bidwell Park and Playground Commission, Waterland-Breslaw Bldg., to install permanent sprinkling system, piping, etc., in city park bounded by Broadway, Main, Fourth and First Sts. Cert. check 10 per cent req. with bid. Plans obtainable from secy.

TUCSON, Ariz.—Until 4 p. m., March 5, bids will be rec. by city to fur. and erect one 30,000-gal. steel tank on a 50-story steel tower. Plans obtainable from water dept. L. O. Cowan, city clerk.

SACRAMENTO, Cal.—Jas. Young, 41 Emerald St., Oakland, at \$10,875 awarded cont. by State Department of Public Works to const. water system at Sta. Fair grounds, involv. 5400 lin. ft. 6-in. and 5000 lin. ft. 4-in. c. i. pipe; 1800 3-in. to ¾-in. wrought steel pipe; 6-in. hydrants; four 4-in. hydrants (whr. type); 21 large size gate valves; 14 sm. size gate valves.

MODESTO, Stanislaus Co., Cal.—Pacific States C. I. Pipe Co., awarded cont. by city to fur. 2800 ft. 8-in. a 2300 ft. 6-in. c. i. water pipe. Grinn Co. of the Pacific awarded cont. to f. 2200 ft. 10-in. and 400 ft. 4-in. c. i. ph

NAPA COUNTY, Cal.—A Kempe consulting engineer, Hobart Bldg., S. Francisco, seeks authorization of Sta. Department of Public Works, Division Water Rights, to divert 10 cu. ft. a 10,000 ft. of water per annum from Co. Creek as an additional flow to that soug under a municipal application. Kempe proposes to furnish water for Napa Valley cities and four state institutio and to irrigate 20,000 acres of farm a orchard lands in a \$5,000,000 project.

SANTA ROSA, Sonoma Co., Cal.—Election will be held April 3 to vote proposal to take \$165,000 surplus fund from sewer fund to provide \$75,000 to r place four wooden bridges in vario sections of the city and \$30,000 for pu chase of additional fire equipment.

REDWOOD CITY, San Mateo Co., Cal.—U. S. Cast Iron Pipe & Foundry Co. Monadnock Bldg., San Francisco, at \$1554.50 awarded cont. by city to f. 4000 ft. 4-in. c. i. water pipe.

MONTEREY PARK, Cal.—Until 7 p. m., March 5, bids will be rec. by city to alter, change and install existing b drive deep well turbine, including apparatuses, at City Pumping Plant. Plans obtainable from city eng., O. J. Herlich, 209 Bank of Italy Bldg., Monterey, upon payment of \$1. Cert. che 10 per cent. Arthur W. Langley, ci clerk.

MARE ISLAND, Cal.—See "Government Work and Supplies," this issue. Bids wanted by Bureau of Supplies at Accounts for 1 centrifugal pump, s water fire protection, capacity of not le than 400 g. p. m. Bids to be open March 6, under Schedule No. 8567.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1855

SAN FRANCISCO

ODESTO, Stanislaus Co., Cal.—As previously reported, contracts for c. i. pipe awarded by city to Pacific States Pipe Co., and Grinnell Co., of San Francisco. Following is complete tabulation of bids received:

Pacific States C. I. Pipe Co., 111 Sutcliffe St., San Francisco, 2800 ft., 8-in. pipe, awarded; 2300 ft. 6-in., 68½¢ (awarded); 400 ft. 4-in. 46¢.

American C. I. Pipe Co., Balboa Bldg., San Francisco, 2200 ft. 10-in., \$1.15; 1800 ft. 8-in., 86¢; 2300 ft. 6-in., 59½¢; 400 ft. 4-in., 41¢.

Nicol & Co., 116 New Montgomery St., S. F., 400 ft. 4-in., 44¢; 2300 ft. 6-in., 66¢; 2800 ft. 8-in., 94¢; 2200 ft. 10-in., 11½¢.

Cast Iron Pipe & Foundry Co., Leadnock Bldg., S. F., 2200 ft. 10-in., 11½¢; 2800 ft. 8-in., 83¢; 2300 ft. 6-in., 58¢; 400 ft. 4-in., \$4.07¢.

Grinnell Co., 601 Brannan st., S. F., 2200 ft. 10-in., \$1.32 (awarded); 2800 ft. 8-in., 96¢; 2300 ft. 6-in., 64¢; 400 ft. 4-in., 40¢ (awarded).

SAN FRANCISCO—Until March 26 bids to be received by Board of Supervisors for purchase of \$2,600,000 block of Hetch Hetchy bonds to finance completion of works in connection with Hetch Hetchy water project.

PAYGROUNDS AND PARKS

EDDING, Shasta Co., Cal.—Trustees of Shasta Union High School Dist. are considering preliminary plans for landscape work in connection with new high school grounds. C. R. Milford is president of the board of school trustees.

AKLAND, Cal.—More than 3000 voters have signed petition asking city council to place a proposal on the May presidential primary ballot for \$844,000 bond issue to finance purchase of Durant Park lands.

SEWERS AND STREET WORK

SAN FRANCISCO—Following are two bids submitted to Board of Public Works to const. Bay Shore blvd., storm drain crossing Alemany ave., under Contract No. 2; est. cost \$85,000. Project involves 484 lin. ft. 2-compartment 8-ft., 11-in. by 11-ft. reinf. concrete storm drain supported on piles; 4 manholes; 584 lin. ft. 12-in. vit. pipe underdrain; 54,000 lin. ft. 12-in. below cutoff, to be furnished and installed.

J. Cohn, 117 Montgomery \$59,594.40
Super-Stacey Co. 70,731.60

SAN FRANCISCO—The following are three low bids submitted to Board of Public Works, to const. section E, Ocean Beach Esplanade. Project involves 2273 lin. ft. reinf. conc. completed in Esplanade, 1 equestrian path including gradient and 1 pedestrian underpass and adjacent storm sewers.

W. Tibbitts Cons. Co., 64 Pine \$329,948
Anton Const. Co. 365,276
Donald & Kahn 383,728

SAN FRANCISCO—The following are three low bidders on the Fender piling bids submitted to Board of Public Works:

W. Kitchen, 110 Market.....\$1182
W. Tibbitts Cons. Co..... 1265
B. McGowan 1289

AKLAND, Cal.—A. Soda, 1139 65th St., Oakland, at \$16 sq. ft. awarded by city to const. cem. walks in portion of E-Fourteenth St.

BERKELEY, Alameda Co., Cal.—City Engineer A. J. Eddy completes spec. to pave st. bet. Heinz ave. south to Emeryville city limits; distance of approx. 7½ m.; est. cost \$75,000.

SAN DIEGO COUNTY, Cal.—Jahn & Passi, 724 S-Spring st., Los Angeles, at \$48 (eng. estimate \$64,189) awarded by State Highway Comm. to grade 3 mi. in San Diego county, bet. 3 mi. southeast of Pine Valley and Buckman Springs.

AKLAND, Cal.—A. Soda, 1139 65th St., Oakland, at \$1725 sq. ft. awarded by city to const. cem. walks in portions of E-Ninth St.

SONORA, Tuolumne Co., Cal.—Hailes & Symons, Sonora, at 1980 awarded cont. by county to fur. 900 tons crushed rock.

SONORA, Tuolumne Co., Cal.—W. E. Booker, Jamestown, at \$1945 awarded cont. by county to const. Parrot Ferry rd. bet. Columbia and Parrot's Ferry. Other bids: Geo. W. Hill, Columbia, \$1350; Adams Construction Co., \$1392; A. Parsons, Sonora, \$2500.

STOCKTON, San Joaquin Co., Cal.—Until March 15 bids will be rec. by Woodbridge Irrigation Dist. for purchase of \$290,000 of \$325,000 block of bonds voted to finance purchase of Stockton and Modesto Canal Co., in addition to canal improvements, etc.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz, at \$9625 awarded cont. by city (406-C) to imp. portions of Pearl St. and Laurel St., involv. 5-in. cem. conc. pave.; conc. walks, driveway approaches, catchbasins; vit. city sewer laterals; w. i. water service connections; conc. meter boxes. Other bids: Thompson Bros., \$10,337; Granite Construction Co., \$10,355.

BURLINGAME, San Mateo Co., Cal.—Petitions are being circulated seeking formation of district to finance installation of adequate sewage system in North Burlingame district.

SAN FRANCISCO—Until March 7, 3 p. m., bids will be rec. by Board of Public Works to const. Section E, under Contract No. 4, Alemany Blvd., bet. Mission st. and Ocean ave., involv. grade; sewers and paving; 100 ft. wide and approx. 3900 ft. in length. Estimated cost \$150,000. Specifications obtainable from Bureau of Engineering, 3rd floor, City Hall.

SALINAS, Monterey Co., Cal.—City declares inten. (66) to imp. John and Monterey Sts., involv. grade; hyd. conc. curb; 6-in. hyd. conc. pave.; corr. iron culverts; hyd. conc. catchbasins. 1911 Act. Bond Act 1915. Protests March 12. M. R. Keef, city clerk. Howard Cozzens, city engineer.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy preparing spec. to widen Valencia st. bet. Market and 20th sts; est. cost \$35,000.

OCEANSIDE, Cal.—City plans to imp. Cleveland st. bet. 8th and Wisconsin sts., involv. 12,187 cu. yds. excavation; 179,264 sq. ft. 6-in. conc. paving; 46,295 sq. ft. 3½-in. conc. sidewalk; curbs, walks, vit. sewers, etc; cost \$87,200.

REDWOOD CITY, San Mateo Co., Cal.—Until March 12, 10 A. M., bids will be rec. by Elizabeth M. Kneese, county clerk, to const. vit. sewers with br. manholes and vit. wye branches; conc. sump with reinf. conc. pump-house, 10 by 10 ft., together with wood trestle; install pump with 8-in. discharge and 8-in. suction, 600 R. P. M., etc., in portions of Chadbourne Ave., Willow Ave., Hickory Ave., etc. Cert. check 10% payable to county req. with bid. Plans obtainable from County Surveyor Geo. A. Kneese.

SEAL BEACH, Cal.—City will vote March 12 on \$20,000 sewer bond issue for extensions to sewer system and const. sewage pumping plant, with lateral sewers, etc.

LIVERMORE, Alameda Co., Cal.—City trustees contemplate conc. pavements in Livermore Ave. and Second St. and the resurfacing of various streets in the residential district with asph. conc.

SAN CARLOS, San Mateo Co., Cal.—Until March 22, 8 p. m., bids will be rec. by city trustees to imp. portions of Eaton ave., Belvedere ave., etc., involv. 30,000 cu. yds. grading; 383,000 sq. ft. 4-in. and 297,000 sq. ft. 5-in. water-bound macadam pavement; 178,500 sq. ft. cem. walks, curbs, gutters, vit. sewers, conc. storm sewers, manholes, catchbasins, etc; 1911 act. Plans obtainable from Geo. A. Kneese, engineer, Court-house, Redwood City.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1401) to imp. Oak St., bet. Brown and Hendley Sts., involv. grade; 4-in. macadam base, 3-in. asph. conc. surface pave; hyd. conc. curbs and gutters. 1911 Act. Protests March 20. C. B. Reid, city clerk.

OAKLAND, Cal.—Proceedings will be started during the current year for approx. 25 miles of street paving in addition to sewers, curbs, gutters, etc. Geo. Randle, city engineer.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1403) to imp. Second St., bet. Pierce and F Sts. and F St., bet. 2nd and 3rd Sts., involv. grade; reconstruct waterbound macadam pave to form 4-in. base with 3-in. asph. conc. surface. 1911 Act. Protests March 20. C. B. Reid, city clerk.

SACRAMENTO, Cal.—City declares inten. (2222) to imp. alley bet. S and T, 6th and 7th sts., involv. c. i. drains, vit. sewers, reconstruct manhole, grade, hyd. conc. pave., conc. retaining walls; 1911 act. Protests March 15. H. G. Denton, city clerk; A. J. Wagner, city eng.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood, Manteca, at \$30,220, awarded cont. by county to imp. David rd. from Eight Mile road to Harney Lane. Other bids: Wm. Moreing, \$30,790; Willard & Biosotti, \$31,064; M. J. Bevanda, \$31,700; George French Jr., \$32,325; E. J. Hillard, \$32,604.

SACRAMENTO, Cal.—City declares inten. (2223) to imp. R, S, 9th and 10th Sts., involv. c. i. drains; vit. sewers; reconstruct manhole; 1-in. water main connection; grade; hyd. conc. pave.; const. retaining walls. 1911 Act. Protests March 15. H. G. Denton, city clerk. A. J. Wagner, city engineer.

STOCKTON, San Joaquin Co., Cal.—Willard & Biosotti at \$7431 awarded cont. by county to imp. Eight Mile Rd., from Telegraph Rd. to Davis Rd. Other bids: C. E. Wood, \$7500; George French Jr., \$7878; Wm. Moreing, \$7940; M. J. Bevanda, \$8370; E. J. Hillard, \$8372.

REDWOOD CITY, San Mateo Co., Cal.—County declares inten. (12) to imp. portions of San Felipe, San Luis, San Marco, Santa Domingo, Santa Lucia, Aves., etc., involv. grade; 3-in. asph. conc. base, 2-in. asph. conc. surface pave; hyd. conc. curb, gutter; vit. sewers; br. manholes; hyd. conc. pipe storm water sewers. 1911 Act. Bond Act 1915. Hearing March 12. Elizabeth M. Kneese, county clerk. Geo. A. Kneese, county surveyor.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., Oakland, awarded cont. by city to imp. portions of Union Ave., involv. excavate, 3.95 cu. yd.; conc. curb with steel guard, 1.10 lin. ft.; conc. gutter, .30 sq. ft.; 2-in. Warrenite surface, 6.29 conc. base pave., \$.29; 24-in. pipe sewer, \$5.09 lin. ft.; 10-in. do, \$4.19; 10-in. conduit, \$2.64 lin. ft.; manhole, \$80 ea.; catchbasins, \$80 each.

SAN FRANCISCO—Board of Supervisors sell \$2,500,000 boulevard bond issue for premium of \$105,675.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese announces completion of preliminary engineering proposed coast side highway around Pedro Mountain from San Francisco to Santa Cruz. Surveys for proposed road were made by Mr. Kneese, M. M. O'Shaughnessy, city engineer of San Francisco and Lloyd Bowman, county surveyor of Santa Cruz County.

OAKLAND, Cal.—J. H. Fitzmaurice, 354 Hobart St., Oakland, awarded cont. by city to imp. Laird Ave., involv. grade, .09 sq. ft.; conc. curb, .77; conc. pave, .23.

SACRAMENTO, Cal.—City declares inten. (2224) to imp. alley bet. N, O, 2nd and 3rd Sts., involv. c. i. drains; vit. sewers; reconstruct manhole; 1-in. water main connections; grade; hyd. conc. pave. 1911 Act. Protests March 15. H. G. Denton, city clerk. A. J. Wagner, city engineer.

OAKLAND, Cal.—Frank Salamid, 5350 Manila St., Oakland, at \$19 sq. ft. awarded cont. by city to const. cem. walks in portions of E-33rd St.

SANTA BARBARA, Cal.—City declares inten. to imp. Panchita pl., bet. Solá and Victoria sts., and portions of other sts., involv. 5-in. conc. paving, combined concrete curb and 3-ft. gutter, concrete driveways; 1911 act. Protests March 15. S. B. Taggart, city clerk. E. F. Browne, city engineer.

RICHMOND, Contra Costa Co., Cal.—City declares inten. (499) to const. 9-in. and 8-in. vit. sewers in portions of Kern, Amador, Humboldt and Ventura Sts., Esmond, Garvin, Soano, Clinton and Sierra Aves. and Key Blvd., includ. br. and conc. manholes. 1911 Act, Bond Act 1915. Protests March 12. A. C. Faris, city clerk. E. A. Hoffman, city engineer.

SACRAMENTO, Cal.—Sewer district will be created in district between the street levee and the American river, to include const. of sewer facilities. The system will allow sewage facilities. The system district to be drained into city mains. A. J. Wagner, city eng.

LOS ANGELES, Cal.—Until March 12, 2 p. m., bids will be rec. by county supervisors to const. cem. pipe, san. sewers in Boyle Heights. Co. Imp. No. 511, 9.03 mi. in length; est. cost \$198,629. Plans on file in office of county clerk.

BELL, Cal.—R. A. Wattson, 1026 N. McCadden pl., Los Angeles, at \$21,000 awarded cont. by city to const. vit. sewer system in Florence ave., etc.

LOS ANGELES, Cal.—Until March 12, 2 p. m., bids will be rec. by county supervisors to const. storm drain system in Drainage Dist. No. 23, embracing portions of Monterey Park, Montebello, lying bet. Los Angeles river and Rio Hondo; est. cost \$2,692,410, involv. 8.47 mi. pipe line; 6.51 mi. box conduit and 0.78 mi. arch section. Plans obtainable from C. E. Arnold, construction engineer, 7th floor, Hall of Records, Los Angeles.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing spec. to imp. sts. in Oxford Manor and Oxford Park, involv. 7-in. hyd. conc. pave., etc. Est. cost \$60,000.

SANTA BARBARA, Cal.—City declares inten. to imp. Constance ave. bet. State st. and Santa Barbara st., and portions of other streets, involv. 5-in. conc. pavement, combined curb and 3-ft. gutter, gutter, concrete driveways, 2-course walks, 6-in. vit. drain, sewer lamp hole, 6-in. vit. sewer, house connections; 1911 act. Protests March 15. S. B. Taggart, city clerk. E. P. Browne, city eng.

STANISLAUS COUNTY, Cal.—Standard Paving Co., Modesto, at \$6305 (eng. est. \$162) awarded cont. by State Highway Comm. to grade and pave with asphalt. 0.2 mi. 20 ft. wide, on highway north of Ceres.

HILLSBOROUGH, San Mateo Co., Cal.—Peninsula Paving Co., at \$9915 awarded cont. by town to imp. San Ramundo Ave. Other bids: A. J. Raich, \$9994; Hammond Constr. Co., \$9997; Union Paving Co., \$11,245.

SANTA ROSA, Sonoma Co., Cal.—Clark & Henry Constr. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. Sonoma Ave., bet. South E St. and east city limits, involv. conc. curbs and gutter, 85c lin. ft.; reconstr. present pave for 4-in. waterbound macadam base with 3-in. asphalt. conc. surface. 17c sq. ft. A. Teichert & Son, Sacramento, bid 19c pave, \$1 curb-gutter.

SAN DIEGO COUNTY, Cal.—Following bids rec. Feb. 23 by State Highway Comm. to grade 2.0 mi. in San Diego County, bet. 3 mi. southeast of Pine Valley and Buckman Springs: Jahm & Bressi, 724 S-Spring St.,

Los Angeles	\$46,948
Kunn Lang Co., Los Angeles	49,386
Ernest Ward, Los Angeles	54,529
R. Johnson, Glendale	61,712
Pioneer Transfer Co., Calexico	63,342
Chas. Pitzer, El Centro	69,041
Engineers estimate	\$64,189.

RICHMOND, Contra Costa Co., Cal.—City declares inten. (423) to imp. Standard Ave., bet. Garrard Blvd. and pt. 5 ft. n. w. of Castro St. and portions of Castro St., Tewksbury, Santa Fe, Washington and Railroad Ave. and Garrard Blvd., involv. grade; 4-in. broken stone cushion; 3-course asphalt. conc. pavement; corr. iron and conc. culverts; conc. catchbasins, etc. 1911 Act, Bond Act 1915. Protests March 12. A. C. Faris, city clerk. E. A. Hoffman, city engineer.

EUREKA, Humboldt Co., Cal.—Until March 6, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, (222) to

imp. portions of B, Third, G, Fifth sts., etc., involv. grade; 3½-in. asphalt. conc. base, 1½-in. Warrentite-Bit. surface pave; vit. pipe house sewers; conc. manholes; conc. curbs; c. l. and conc. culverts; corr. iron pipe and cem. conc. storm sewers, etc. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—J. L. Connor, Monterey, at \$29,998.92 awarded cont. by county for second unit of San Lorenzo rd., to be eventually joined by the State Highway at Saratoga Gap. Other bids were: Stanley Cons. Co., Palo Alto, \$21,909; Noble & Gibson, San Jose, \$22,929; Granite Cons. Co., Watsonville, \$24,620; Pacific States Cons. Co., S. F., \$25,246; C. T. Malcolm, Walnut Creek, \$25,364; W. A. Dontanville, Salinas, \$26,379; Tieslau Bros., Berkeley, \$26,680; Thompson Bros., Santa Cruz \$27,559; Guerin Bros., S. F., \$27,924; H. V. Tucker Co., S. F., \$28,687; Tiffany, McReynolds & Tiffany, San Jose, \$31,980; P. L. Burr, S. F., \$34,204.

DEL NORTE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. March 14 to surface with crushed gravel or stone, 15 mi. bet. Wilson creek and Crescent City. Project involves: 4400 cu. yds. stand. rd. surface, crushed gravel or stone, in place on roadbed; 350 cu. yds. crushed gravel or stone, graded from ¾ to ¾ in. placed in stockpiles; 1100 cu. yds. crushed gravel or stone, graded from ¾ to ten mesh sieve placed in stock piles; 165 M gal. water applied to standard road sur., crushed gravel or stone.

MADERA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, March 14, to pave with asphalt. 6.5 mi. bet. Tharsa and Arcola School. Project involves: 18,050 cu. yds. rdwy embankment without classification; 3600 sta. yds. overhaul, imp. borrow; 100 cu. yds. struct. excav. without classification; 60 cu. yds. Class "A" cem. conc. struct.; 5400 lbs. bar reinf. steel in place, struct.; 20,500 tons asphalt. conc. base and Type "A" surf.; 57,200 sq. yds. asphalt. paint binder; 490 lin. ft. 12" and 200 lin. ft. 18" corr. metal pipe; 1100 tons rock subbase; 3400 tons rock borders, oil treated; 6.0 mi. moving and reset right-of-way fences; 20 monuments. State will fur. corr. metal pipe.

UNIFORM WAGE SCALE DISCUSSED BY LABOR BODY

A uniform wage scale and a closer co-operation between organized labor and legitimate home contractors were topics of discussion at the regular monthly meeting of the Contra Costa County Building Trades Council, held in Martinez, Feb. 24. The purpose of the discussion was to perfect the plans for co-operation to meet conditions as they exist at this time, complaint being made that bidding, outside contractors are willing to take advantage of unemployment about the bay region and depress wage working condition. On bidding these contractors, operating on a shoestring, frequently embarrass the legitimate contractor who recognizes the merit of good workmanship and fair labor conditions.

SACRAMENTO BUILDING CODE HELD AID TO CITY

Sacramento's building code, just entering its second year of operation, has resulted in building construction improvement all along the line, declares L. Shields, city building inspector.

"The new code, based on systematic regulation of details, has given construction a stability not possible under the old system of individual instructions for each builder," Shields said.

"Contractors generally have expressed themselves as well satisfied with the code. It gives all bidders an equal chance because specifications are based on standard provisions," he continued.

One of the most satisfactory provisions, according to Shields, is that requiring fire-stops to be no larger than seven feet in any direction in concealed spaces. "This, he said, prevents a fire from extending, particularly in wall

Another provision which cuts down the fire hazard, Shields added, is one requiring garages nearer than three feet to other property to be built of fire or hour fire resisting material.

Theatre construction has become virtually fireproof, no wood being allowed in walls or roofs, while in residence wood lath has been outlawed near sto pipes. Chimneys must now have fl lining in all cases, he said.

These provisions have helped in the sale of houses, he declared, and have resulted in a better class of structures.

SPRING BUILDING IN EAST BAY EXCEED \$7,000,000

More than \$7,000,000 worth of building, not including residential or small apartment house construction, is now under way or planned for the immediate future in Oakland and the East Bay district.

Letting of the contract and groundbreaking for the new \$3,000,000 H. Capwell department store has given the building industry in Oakland a definite forward impetus and one of the most prosperous years in the history of Alameda county is predicted.

Other large projects listed include the new Bowles hall at the University of California, cost \$1,500,000; International House, a hotel for foreign students the university, to cost \$1,000,000; the new Duff-Win theatre to be erected on Seventeenth street at a cost of \$750,000; new rock bunkers on Peralta street for the William Ford Co., cost \$200,000; a new market at Fourteenth and Jefferson streets for James Rohan cost \$250,000; a \$200,000 addition to the He Corp. factory in Berkeley; a new office and store building with a frontage of 135 feet on Seventeenth street, planned by the Coit Investment Co.; a new \$750,000 warehouse for the Howard Termin Co.; a \$350,000 hotel for women on a site at Fifteenth and Castro streets, and new Pacific Telephone and Telegraph Co. building on Telegraph avenue, Berkeley cost \$100,000.

HAMPTON

ELECTRIC AND MFG. CO

ELECTRICAL ENGINEERS AND CONTRACTORS

325 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation

Telephone SUTTER 3266

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

Owner	Contractor	Amt.
Grant	Owner	4500
Hallgren	Owner	4000
Lung	Lindberg	1500
Pacific	Owner	3000
Ran	Hensel	1500
Stoneson	Owner	6000
Samuelson	Owner	6000
Sharp	Owner	1500
Voorhies	Owner	10000
Cicero	Owner	3000
Balliet	Owner	6000
Ebbert	Black	7000
Hondorf	Owner	3000
Johnson	Owner	4000
Lindsay	Owner	4500
Lindsay	Owner	8000
Monson	Monson	18000
O'Neill	Inglis	1500
Rose	Rose	12000
Waiters	Owner	4000
Crothers	Owner	30000
Grandeman	Owner	35000
Fletcher	Owner	8000
Lutz	Owner	6000
Meyer	Owner	4500
Wilbe	Owner	7000
Lechner	Zinkand	2000
Guilliee	Owner	4000
Haines	Richards	3000
Kays	Moore	5500
Kari	Owner	4500
Lambesten	Owner	3500
Morris	Owner	8000
Mohr	Owner	4000
Miclo	Owner	9000
Reed	Reed	10000
St. Marys	Johnson	5000
S. F.	Hinson	1500
Tessien	Coburn	1500
Weber	Hopper	2300
White	Lester	3000
Almie	Owner	3500
Barron	Putman	8000
Bobbio	Owner	4000
Benson	Owner	4000
Bell	Owner	20250
Barron	Putman	8000
Costello	Owner	14000
Comando	Beswick	4000
Commercial	McLean	2000
Hjul	Owner	35000
Hilbar	Barrett	7500
Hansen	Owner	4000
Isaacson	Owner	7500
King	Diestal	4000
Mohr	Owner	7000
Meyer	Owner	4000
Holden	Terry	15000
State	Barrett	20000
Abrams	Owner	3000
Barron	Putman	24000
Brown	Owner	4500
Bersotti	Owner	1700
Barron	Putman	12000
Barron	Putman	4000
Barron	Putman	12000
Clark	Owner	1000
Doelger	Owner	14000
Eversen	Owner	4000
Farley	Kidd	2100
Grosman	Owner	4000
Halsen	Owner	6000
Herzig	Owner	7000
Hawkey	Owner	2500
Jeffers	Owner	12000
Jones	Ingraham	2000
Kopp	Bernhardt	10000
Levas	Vukicevich	3500
McShane	Meinberger	1400
McNulty	Burgess	2950
Plov	Owner	8000
Standard	Owner	4000
Sutherland	Papenhausen	22000

ELLING
) E FUNSTON AVE 162-6 N Tara-
 val. One-story and basement frame
 dwelling.
 Owner—Francis H. Eichler, 440 19th
 St., San Francisco.
 Architect—Alfred W. Eichler, 440 19th
 St., San Francisco.
 Contractor—H. W. Armbrust, 2472 28th
 Ave., San Francisco. \$4000

DWELLING
 (430) W WILLARD ST. 100 N Turk St.
 One-story and basement frame dwell-
 ing.
 Owner—Henry Erickson, 972 Cherry St.,
 San Francisco.
 Architect—Thomas Bros., 142 Sansome
 St., San Francisco. \$4000

DWELLING
 (431) E CORBET ROAD 273 S Mars.
 One-story and basement frame dwlg.
 Owner—R. N. Gibson, 55 5th St., San
 Francisco.
 Architect—Owner. \$3000

DWELLING
 (432) S HOLLOWAY 100 W Orizaba.
 Two-story and basement frame dwlg.
 Owner—R. P. Grant, 307 Ulloa St., San
 Francisco.
 Architect—W. A. Doctor, 800 Ulloa St.,
 San Francisco. \$4500

DWELLING
 (433) W TWENTY-FIRST AVE 25 S
 Lawton. One-story and basement
 frame dwelling.
 Owner—August Hallgren, 1275 17th Ave.,
 San Francisco.
 Architect—J. C. Hladik, Monadnock
 Bldg., San Francisco. \$4000

ALTERATIONS
 (434) NO. 1118 GRANT AVE. Alter
 and remodel dwelling.
 Owner—Wong Yung, 900 Grant Ave.,
 San Francisco.
 Architect—None.
 Contractor—C. Lindberg, 1 Naylor St.,
 San Francisco. \$1500

ADDITION
 (435) S CARROLL AVE 196 N Jennings.
 Addition to present factory building.
 Owner—Pacific Electric Mfg. Co., 5815
 Third St., San Francisco.
 Architect—None. \$3000

WAREHOUSE
 (436) NO. 170 CLARA ST. Two-story
 frame warehouse.
 Owner—Samuel Ran, 234 5th St., San
 Francisco.
 Architect—J. B. Hensel, 183 6th St., San
 Francisco. \$1500

DWELLING
 (437) N ROCKDALE DRIVE 1188 E
 Cositas. One-story and basement
 frame dwelling.
 Owner—Stoneson Bros., 279 Yerba Buena
 Ave., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th
 St., San Francisco. \$6000

(438) S UPLAND DRIVE 172 W Ken-
 wood Way. One-story and basement
 frame dwelling.
 Owner—A. M. Samuelson, 301 Geneva
 Ave., San Francisco.
 Architect—None. \$6000

ALTERATIONS
 (439) NO. 3117 MARKET. Alter and
 remodel dwelling.
 Owner—F. Sharp, 3117 Market St., San
 Francisco.
 Architect—None. \$1500

RESIDENCE
 (440) N JACKSON 202-6 E Arguello
 Blvd. Three-story and basement
 frame residence.
 Owner—W. R. Voorhies, 10 Tenth Ave.,
 San Francisco.
 Architect—None. \$10,000

REMODELING
 (441) S FELL 155 W Laguna st; remodel-
 ing and altering apts. and flats.
 Owner—Domenico Cicero, Monadnock
 Bldg.
 Architect—J. C. Hladik, Monadnock Bldg.
 \$3000

DWELLINGS
 (442) S SATURN 125, 150 E Roosevelt
 way. Two 2-story and basement frame
 dwellings.
 Owner—Gottlieb Balliet, 418 17th st.
 Architect—G. A. Berger, 309 Valencia.
 \$3000 each

FLATS
 (443) E BRODERICK 100 N Chestnut;
 2-story and basement frame (2) flats.
 Owner—Mr. and Mrs. Ray Ebbert, 3210
 Gough st.
 Architect—None.
 Contractor—Black & Campbell, Call Bldg.
 \$4000

DWELLING
 (444) NW 21ST & Collingwood; 1-story
 and basement frame dwelling.
 Owner—E. C. Hondorf, 2865 Folsom st.
 Architect—C. C. Coyle, 3973 17th st.
 \$3000

DWELLING
 (445) E 22ND AVE. 210 N Vincente; 1-
 story and basement frame dwelling.
 Owner—Conrad Johnson, 1835 8th ave.
 Architect—None. \$4000

DWELLING
 (446) E MARKET 36.6 S Romain; 1-story
 and basement frame dwelling.
 Owner—Lindsay Construction Co., 550
 Joost ave.
 Architect—None. \$4500

DWELLINGS
 (447) W LONDON 100 and 125 N Italy;
 two 1-story and basement frame
 dwellings.
 Owner—Lindsay Constr. Co., 550 Joost
 ave.
 Architect—None. \$4000 each

APARTMENTS
 (448) 350 DEWEY Blvd.; 2-story and
 basement frame (12) apts.
 Owner—Chas. Monson, 1855 San Bruno
 ave.
 Architect—Chas. F. Strothoff, 2274 15th
 Contractor—R. Monson, 1473 7th ave.
 \$18,000

(449) 1857 GREENWICH St; install pri-
 vate garage and underpin bldg.
 Owner—Mrs. W. J. O'Neill, 1857 Green-
 wich st.
 Architect—None
 Contractor—Inglis & Westrup, 340 17th
 ave. \$15

(450) W 14TH AVE. 175, 200 and 225 N
 Santiago; three 1-story and basement
 frame dwellings.
 Owner—Hilda Rose, 2182 14th ave.
 Architect—D. E. Jaekle, 395 Justin dr.
 Contractor—Rose Bros., 2182 14th ave.
 \$4000 each

DWELLING
 (451) S LOBOS 87 E Orizaba; 1-story
 and basement frame dwelling.
 Owner—Harry Walters, 74 Gambetta st.,
 Daly City.
 Architect—None. \$4000

APARTMENTS
 (452) SW TWENTY-EIGHTH AVE &
 Cabrillo. Three-story and basement
 frame (18) apartments.
 Owner—R. A. Crothers, 915 Kearny St.,
 San Francisco.
 Architect—None. \$30,000

(453) S CHESTNUT 176 W Scott. Three
 story and basement frame (21) apts
 Owner—Chas. Grandeman, 78 Johnson
 Ave., Campbell.
 Architect—None. \$25,000

DWELLINGS
 (454) N FARALLONES 150 and 175 W
 Plymouth Ave. Two one-story and
 basement frame dwellings.
 Owner—J. P. Fletcher, 150 Franklin St.,
 San Francisco.
 Architect—None. \$4000 each

DWELLINGS
 (455) NE ALLISON 75 and 100 NW
 Brunswick. Two one-story and base-
 ment frame dwellings.
 Owner—Nelson E. Lutz, 799 Pope St.,
 San Francisco.
 Architect—None. \$3000 ea

DWELLING
 (456) W MIRALOMA DRIVE 176 S
 Portola Drive. One-story and base-
 ment frame dwelling.

Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None. \$4500

DWELLING

(430) N MONTEREY BLVD 290 W El Verano. Two-story and basement frame dwelling.

Owner—A. J. White, 1344 Ocean Ave., San Francisco.
Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$1000

STORE

(439) NE 5TH AVE. & Clement; alter store and bakery shop.

Owner—Ernest Reimel, on premises.
Architect—None.
Contractor—Ed Zinkand & Son, 434 19th ave. \$2000

DWELLING

(439) W 26TH AVE. 75 N Moraga; 1-story and basement frame dwelling.

Owner—E. H. Guillee, 1446 11th Ave.
Architect—None. \$1000

INDUSTRIAL BLDG.

(400) S CLEMENTINA 225 E Second st; 2-story and mezzanine light industrial bldg.

Owner—Haas Wood and Ivory Works, 99 Clementina st.
Engineer—W. J. Ashley, 58 Sutter st.
Contractor—Harmon L. Richards, 58 Sutter st. \$2000

DWELLING

(461) E 25TH AVE. 70 S Ulloa, 1½-story and basement frame dwelling.

Owner—William F. Kays, 2665A Mission.
Architect—None.
Contractor—Milton Moore, 731 Courtland ave. \$5500

DWELLING

(462) W 16TH AVE. 145 N Ulloa; 1½-story and basement frame dwelling.

Owner—B. Kari, 800 Ulloa st.
Architect—None. \$4500

DWELLING

(463) S OAKDALE 100 W Keith; 1-story and basement frame dwelling.

Owner—A. Lambersten, 407 Banks st.
Architect—None. \$3500

DWELLINGS

(464) W 25TH AVE 25 and 50 N Moraga; two 1-story and basement frame dwellings.

Owner—B. H. Morris, 35 Toyon Lane.
Architect—None. \$4000 each

DWELLING

(465) NE LAURA and Winnipeg; 1-story and basement frame dwelling.

Owner—Mohr Bros., 116 9th st.
Architect—None. \$4000

DWELLINGS

(466) S 25TH ST. 26.9 and 51.9 W Sanchez st; two 2-story and basement frame dwellings.

Owner—August Mielo, 1283 Church st.
Architect—Pring & Lesswing, 605 Market st. \$4500 each

APARTMENTS

(467) NE CHURCH and 22nd st.; 2-story and basement frame (7) apts.

Owner—Geo. Reed, Humboldt Bank Bldg.
Architect—Bos and Quandt, Humboldt Bank Bldg. \$10,000

DWELLING

(468) SE COLLEGE and Murray; 1-story and basement frame dwelling.

Owner—St. Mary's Park, 3901 Mission st.
Architect—D. E. Jaekle, 395 Justin dr.
Contractor—A. R. Johnson, 3901 Mission st. \$5000

RESTAURANT

(469) 509 MISSION St.; alter and remodel restaurant.

Owner—S. F. Investment Corp., 519 California.
Architect—None.
Contractor—L. A. Hinson, 756 4th ave. \$1500

REPAIR

(470) 2167 24TH AVE; repair fire damage.

Owner—Miss G. Tessien, 2167 24th ave.
Architect—None.
Contractor—Chas. Coburn, 666 Mission. \$1500

ALTERATIONS

(471) 691 MISSION St.; alter and remodel present sales room and add two additional display rooms.

Owner—C. F. Weber & Co., 601 Mission.
Architect—None.

Contractor—A. J. Hopper, 1769 Pleasant Valley ave., Oakland. \$2300

DWELLING

(472) N BRUNSWICK 178 W Guttenberg; 1-story and basement frame dwelling.

Owner—W. White, 550 Brunswick st.
Architect and Contractor—C. C. Lester, 29 Whittier st. \$3000

DWELLING

(473) E TWENTY-THIRD AVE 125 S Moraga. One-story and basement frame dwelling.

Owner—Oliver S. Almie, 1415 24th Ave., San Francisco.
Architect—None. \$3900

DWELLINGS

(474) W BYXBEE 200 and 225 N Sargent. Two one-story and basement frame dwellings.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

DWELLING

(475) NE GILMAN AND JENNINGS. One-story and basement frame dwlg.

Owner—George Bobbio, 1290 Gilman Ave., San Francisco.
Architect—None. \$1000

DWELLING

(476) E TWENTY-SIXTH AVE 325 S Lawton. One-story and basement frame dwelling.

Owner—George C. Benson, 116 Lobos St., San Francisco.
Architect—L. E. Hansberry, 1271 O'Farrell St., San Francisco. \$4000

DWELLINGS

(477) S MONTEREY 250, 300 and 350 E Westgate. Three one and one-half story and basement frame dwlg.

Owner—Bell & Sylvester, 2049 Ocean Ave., San Francisco.
Architect—D. E. Jaekle, 395 Justin Drive San Francisco. \$6750 each

DWELLINGS

(478) W RALSTON 250 and 275 N Sargent. Two one-story and basement frame dwellings.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

DWELLINGS

(479) W TWENTY-FIRST AVE 125, 150, 175 and 200 S Rivera. Four one-story and basement frame dwellings.

Owner—Lawrence Costello, 332 27th Ave. San Francisco.
Architect—None. \$3500 each

DWELLING

(480) E LAURA 90 N Mission. One-story and basement frame dwelling.

Owner—Joseph S. Comando, 1270 Alabama St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Drive, San Francisco.
Contractor—A. Beswick, 1525 Noe St., San Francisco. \$4000

ALTERATIONS

(481) E TAYLOR 57-6 S Jefferson St. Alter and remodel oyster groto.

Owner—Commercial Center Realty Co., 916 Kearny St., San Francisco.
Architect—None.
Contractor—R. A. McLean & Co., 666 Mission St., San Francisco. \$2000

WAREHOUSE

(482) SW FIFTEENTH AND POTRERO Ave. Two-story reinforced concrete warehouse.

Owner—J. H. Hjul, 128 Russ St., San Francisco.
Engineer—J. H. Hjul, 128 Russ St., San Francisco. \$35,000

WAREHOUSE

(483) NE SIXTH AND BRYANT STS. One-story concrete warehouse.

Owner—Hillar Properties Co., 918 Harrison St., San Francisco.
Architect—E. A. Eames, 253 Sacramento St., San Francisco.
Contractor—Barrett & Hulp, 918 Harrison St., San Francisco. \$7500

DWELLING

(484) E TWENTY-SECOND AVE 175 N Lawton. One-story and basement frame dwelling.

Owner—John P. Hansen, 436 Castro St. San Francisco.

Architect—None. \$40

FLATS

(485) W SAN CARLOS AVE 135 S 19th St. Two-story and basement frame (2) flats.

Owner—Isaacson & Nyland, 3902 Folso St., San Francisco.
Architect—None. \$75

ALTERATIONS

(486) NO. 2473 WASHINGTON. Alter and remodel dwelling.

Owner—F. King, 333 Kearny St., San Francisco.
Architect—None.
Contractor—John Diestel, 333 Kearny St., San Francisco. \$400

DWELLINGS

(487) N LAURA 26 and 51 E Winnipe Two one-story and basement frame dwellings.

Owner—Mohr Bros., 116 9th St., San Francisco.
Architect—None. \$3500 each

DWELLING

(488) S CHAVES 124 E Rockdale. One-story and basement frame dwelling

Owner—Meyer Bros., 727 Portola Drive San Francisco.
Architect—None. \$400

DWELLINGS

(489) E LYON 33-6, 59-6 and 85-6 Francisco. Three one-story and basement frame dwellings.

Owner—St. George Holden, Russ Bldg San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 90 Allston Way, San Francisco. \$5000 each

ALTERATIONS

(490) NO. 754 MARKET. Alter and remodel office building.

Owner—State Guaranty Corp., Premise.
Architect—Albert Roller, Crocker National Bank Bldg., San Francisco.
Contractor—Barrett & Hulp, 918 Harrison St., San Francisco. \$20,000

STORES

(491) E O'FARRELL 38 W Stockton, alter and remodel stores.

Owner—The Abrams Co., SW Stockton and O'Farrell.
Architect—None. \$3000

DWELLINGS

(492) W RALSTON 100, 125, 150, 175, 200 and 225 N Sargent; six 1-story and basement frame dwellings.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

DWELLING

(493) W 16TH AVE. 70 N Ulloa, 1-story and basement frame dwelling.

Owner—C. M. Brown & Son, 1338 30th ave.
Architect—None. \$4500

DWELLING

(494) SE QUESADA and Keith, 1-story and basement frame dwelling.

Owner—A. Bersotti.
Architect—None. \$1750

DWELLINGS

(495) E BROAD 149.3, 174.1½, and 223.4½ E Orizaba; three 1-story and basement frame dwellings.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

DWELLING

(496) S BROAD 195 E Capitol; 1-story and basement frame dwelling.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

DWELLINGS

(497) S BROAD 160, 187 and 214.2 E Orizaba st; three 1-story and basement frame dwellings.

Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton Drive, Burlingame. \$4000 each

RESIDENCE

(498) 51 STATES; enlarge residence.

Owner—T. J. Clark, 51 States.
Architect—None. \$1000

BELLINGS
 (49) W 39TH AVE. 450, 475, 500 and 525 S Judah; four 1-story and basement frame dwellings.
 Owner—Henry Doelger, 1391 8th ave.
 Architect—None. \$3500 each

BELLING
 (50) N JUDSON 125 W Foerester st.; 1-story and basement frame dwelling.
 Owner—Adolph Everson, 3416 26th st.
 Architect—None. \$4000

BELLING
 (50) N ARMY 320 W Diamond st.; 1-story and basement frame dwellings.
 Owner—J. Farley, 1893 Diamond st.
 Architect—None.
 Contractor—Kidd & Pilstrance, 447 Eddy st. \$2100

BELLING
 (50) W NEWTON St. 200 S Rolph; 1-story and basement frame dwelling.
 Owner—William E. Grosman, 47 Curtis.
 Architect—None. \$4000

BELLING
 (50) NE ULLOA and 18th ave.; 1-story and basement frame dwelling.
 Owner—Arvid Halsen, 2427 25th ave.
 Architect—D. E. Jaekle, 395 Justin dr. \$6900

BELLING
 (50) NW URBANO and Moncado; 2-story and basement frame dwelling.
 Owner—A. J. Herzig, 635 Victoria st.
 Architect—D. E. Jaekle, 395 Justin dr. \$7000

BELLING
 (50) S SILVER 60 W Oxford; 1-story and basement frame dwelling.
 Owner—E. W. Hawkey, 224 Pioche st.
 Architect—None. \$3500

BELLINGS
 (50) S CAIN 525, 550, 575 and 600 S Lakeview, four 1-story and basement frame dwellings.
 Owner—W. W. Jeffers, 5170 Mission st.
 Architect—None. \$3000 each

BELLING
 (50) 31 ARBOR ST.; alter and remodel dwelling.
 Owner—J. Jones, care M. C. Ingraham.
 Architect—None.
 Contractor—M. C. Ingraham, 129 Otis st. \$200

RESIDENCE
 (50) NW 16TH and Ulloa st.; 2-story and basement frame residence.
 Owner—Anton J. Kopp, 159 14th st.
 Architect—None.
 Contractor—Albert Bernhardt, 2406 22nd ave. \$10,000

FIRE
 (50) NE GENEVA 25 SE Edinburgh; 2-story and basement frame dwelling and store.
 Owner—James Levas, 41 Sutter st.
 Architect—J. C. Hladik, Monadnock Bldg.
 Contractor—Peter Vukicevich, 1442 Tarraval st. \$3500

PAIR
 (50) 723 92ND AVE.; repair fire damage.
 Owner—Eva McShane, 723 29th ave.
 Architect—None.
 Contractor—H. S. Meinberger, 343 4th st. \$1100

BELLING
 (50) E ATHENS 100 S Excelsior; 1-story and basement frame dwelling.
 Owner—Fred J and Anna G McNulty, 315 Athens.
 Architect—None.
 Contractor—Chas. D. Burgess, 420 Russia ave. \$2950

BELLINGS
 (50) W MUNICH 100 and 125 S Persia; two 1-story and basement frame dwellings.
 Owner—Gilbert L. Plov, 391 Munich st.
 Architect—None. \$4000 each

BELLING
 (50) W 28TH AVE. 175 N Ulloa; 1-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 218 Castenada ave.
 Architect—None. \$4000

RESIDENCE
 (50) SE SANTA PAULA and San Jacinto; 2-story and basement frame residence.

Owner—Mrs. Grace J. Sutherlin, care architect.
 Architect—Masten & Hurd, 210 Post st.
 Contractor—H. Papenhausen, 595 Victoria st. \$22,000

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
45	Italian	Pfandler	1500
46	Italian	Dyer	2961
47	Italian	Goepp	4490
48	Stone	Kolsberg	5000
49	Stone	Kolsberg	5000
79	Stone	Kolsberg	5000
80	Stone	Kolsberg	5000
81	Stone	Kolsberg	5000
82	State	Barrett	20528
(84)	Southern Pacific	Healy	2960
85	Italian	Spencer	15050
86	Pacific	Villadsen	70000
87	State	Turner	4625
88	Same	Raymond	5115

HOSPITAL
 (15) N BROADWAY 100 W Polk N 275 W 75 S 137.6 W 70 S 137.6 E 145; Pfandler type glass lined laundry chutes for addition to Dante Hospital.

Owner—Italian Hospital and Benevolent Assn., San Francisco.
 Architect—G. A. Applegarth, Spreckels Bldg.

Contractor—Pfandler Sales Co., 55 New Montgomery st.
 Filed Feb. 24, 1928. Dated Feb. 15, 1928
 10th of each month 75%
 Usual 35 days 25%
TOTAL COST \$1575

Bond \$1575; surety, National Surety Co.; limit, 100 days; forfeit, none; no plans or spec. filed.

(76) **STRUCTURAL STEEL ON ABOVE.**
 Contractor—Dyer Bros., Golden West Iron Works, 17th and Kansas.

Filed Feb. 24, 1928. Dated Feb. 23, 1928
 Payments same as above.

TOTAL COST \$2964
 Bond \$2964; surety, Fidelity and Casualty Co.; limit, 150 days; forfeit, none; no plans or spec. filed.

(77) **GLASS AND GLAZING ON ABOVE.**
 Contractor—Arthur A. Goepp, Inc., 32 Page st.

Filed Feb. 24, 1928. Dated Feb. 17, 1928
 Payments same as above.

TOTAL COST \$7400
 Bond, \$7400; surety, Fidelity & Deposit Co. of Md.; limit, 150 days; forfeit, none; no plans or spec. filed.

BUNGALOW
 (78) W 47TH AVE 175 N Quintara 25x 120. All work for 5-room bungalow.
 Owner—Albert Stone, 1287-25th Ave., S.F.
 Architect—None.

Contractor—T. Kolsberg, 1318-44th Ave.
 Filed Feb. 24, '28. Dated Feb. 20, '28.
 1st floor on \$1100
 Roof on 1100
 Scratch coat plaster on 1100
 Completed and accepted 1100
 Usual 35 days 1100
TOTAL COST, \$5500

Limit, Aug. 1, 1928. Specifications filed, none. Plans filed, none.

BUNGALOW
 (79) W 47TH AVE 200 N Quintara. All work for 5-room bungalow.

Owner—Albert Stone, 1287-25th Ave., S.F.
 Architect—None.
 Contractor—T. Kolsberg, 1318-44th Ave.
 Filed Feb. 24, '28. Dated Feb. 20, '28.

1st floor on \$1100
 Roof on 1100
 Scratch coat plaster on 1100
 Completed and accepted 1100
 Usual 35 days 1100
TOTAL COST, \$5500

Limit Aug. 20, 1928. Plans and specifications filed.

BUNGALOW
 (80) W 47TH AVE 225 N Quintara. All work for 5-room bungalow.

Owner—Albert Stone, 1287-25th Ave., S.F.
 Architect—None.

Contractor—T. Kolsberg, 1318-44th Ave.
 Filed Feb. 24, '28. Dated Feb. 20, '28.
 1st floor on \$1100
 Roof on 1100
 Scratch coat plaster on 1100
 Completed and accepted 1100
 Usual 35 days 1100
TOTAL COST, \$5500

Limit, Aug. 20, 1928. Specifications filed, none. Plans filed, none.

BUNGALOW
 (81) W 47TH AVE 175 N Quintara 25x 120. All work for 5-room bungalow.

Owner—Albert Stone, 1287-25th Ave., S.F.
 Architect—None.

Contractor—T. Kolsberg, 1318-44th Ave.
 Filed Feb. 24, '28. Dated Feb. 20, '28.
 1st floor on \$1100
 Roof on 1100
 Scratch coat plaster on 1100
 Completed and accepted 1100
 Usual 35 days 1100
TOTAL COST, \$5500

Limit, Aug. 1, 1928. Plans and specifications, none.

ALTERATIONS
 (82) NO. 745 MARKET ST. All work for alterations and additions to building.

Owner—State Guaranty Corporation, Financial Center Bldg., San Francisco.
 Architect—Albert F. Roller, 1st National Bank Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Filed Feb. 25, '28. Dated Feb. 25, '28.
 On 1st of each month 75%
 Usual 35 days 25%
TOTAL COST, \$20,528

Bond, \$20,528. Surety, Fidelity & Deposit Co. Limit, May 1, 1928. Forfeit, none. Plans and specifications filed.

ALTERATIONS
 (86) 20 CULEBRA TERRACE bet. Turk and Larkin; alterations to bldg.

Owner—James Meares, 20 Culebra, San Francisco

Architect—Frank S. Holland, 137 9th ave., S. F.

Contractor—Jacob Clare and Harry Petersen.

Filed Feb. 27, 1928. Dated Feb. 24, 1928
 Frame up and roof on \$590
 White coated and rear stairs
 and fences built 890
 Completed and accepted 890
 Usual 35 days 890
TOTAL COST \$3561

Bond \$1800; surety, Commercial Casualty Ins. Co.; limit 60 days; forfeit, \$5; plans and spec. filed.

BRIDGE
 (84) HARRISON ST., bet. 14th and 15th

Sts. All work for reinforced concrete bridge over sewer.

Owner—Southern Pacific Co., 65 Market St., San Francisco.

Architect—None.

Contractor—Healy-Tibbitts Constr. Co., Inc., 64 Pine St., San Francisco.

Filed Feb. 28, '28. Dated Feb. 17, '29.

At close of each month 75%
 Usual 35 days 25%
TOTAL COST, \$2960

Bond, \$2960. Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ELEVATORS

(85) N BROADWAY 100 W Polk N 275

W 75 S 137-6 W 70 S 137-6 E 145. All work for elevators and dumb waiters for addition to Dante Hospital.

Owner—Italian Hospital and Benevolent Assn., San Francisco.

Architect—G. A. Applegarth, Spreckels Bldg., San Francisco.

Contractor—Spencer Elevator Co., 166 Seventh St., San Francisco.

Filed Feb. 28, '28. Dated Feb. 20, '28.

On 10th of each month 75%
 Usual 25 days 25%
TOTAL COST, \$15,050

Bond, \$7525. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 days. Forfeit, plans and specifications, none.

SERVICE STATION

(86) FINE AND VAN NESS AVE; all work on service station.

Owner—Pacific Gillespie System, Inc., San Francisco.

Architect—None.

Contractor—Villadsen Brothers, Inc., 417 Market st., S. F.

Filed Feb. 28, 1928. Dated Nov. 30, 1927

End of each week cost of labor and material to be paid owner.

Foundation in \$1362

Roofing complete 1500

Usual 35 days 2000
TOTAL COST \$70,000

Bond, \$14,000; surety, Metropolitan Casualty Ind Co; limit, May 1, 1928; forfeit, none; plans and spec. filed.

ALTERATIONS

(87) NO. 745 MARKET ST. All work for heating and ventilating for alterations to building.

Owner—State Guaranty Corp., Financial Center Bldg., San Francisco.

Architect—Albert F. Roller, 1st National Bank Bldg., San Francisco.
Contractor—Turner Co., 329 Tehama St., San Francisco.
Filed Feb. 29, 1928. Dated Feb. 25, 1928.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$462.
Bond, \$2312.50. Surety, New Amsterdam Casualty Co. Limit, 60 days. Forfeited, none. Plans and specifications filed.

(88) INDIANA LIMES STONE AND granite work on above.
Contractor—Raymond Granite Co., Inc., 3 Potrero Ave., San Francisco.
Filed Feb. 29, 1928. Dated Feb. 21, 1928.
Payments same as above.
TOTAL COST, \$5114.
Bond, \$2557.50. Surety, Maryland Casualty Co. Limit, March 31, 1928. Forfeited, none. Plans and specifications filed.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 25, 1928—SE MARKET 375 SW 5rd SW 25 x SE 100. Sylvia Gordon as to improvements on property.

COMPLETION NOTICES

San Francisco County

Recorded Accepted
Feb. 21, 1928—N HAYES 119 E Webster E 25x—120 No. 766-768 Hayes. Josephine M Butler and Nell U Gleeson to whom it may concern. Feb. 19, 1928
Feb. 21, 1928—NW MOSCOW 250 NE Russia Ave NE 25xNW 100 Ptn Lot 6 Blk 74, Excelsior Hd Assn. Gust Drivdahl to whom it may concern. Feb. 18, 1928
Feb. 21, 1928—E TWENTY-SIXTH AV 200 N Ulloa N 25xE 120. No. 2462 26th Ave. Elsie Cohen to whom it may concern.
Feb. 21, 1928—W THIRTY-NINTH Ave 275 S Judah S 50xW 120. Henry Doelger to whom it may concern. Feb. 16, 1928
Feb. 21, 1928—W VENTURA AVE NW Cor. Ventura Ave and 1st stair way; 150 S Lunares Ave, 20 Ventura Ave. Emma McCabe to whom it may concern. Feb. 20, 1928
Feb. 21, 1928—S LINCOLN WAY 82-6 and 107-6 W Fortieth Ave W 25xS 100. Gustaf S Nielson to whom it may concern. Feb. 20, 1928
Feb. 21, 1928—NE TWENTY-SECOND and Folsom cong at pt of intersection of N 22nd and E Folsom E alg 22nd 72.10xN 47 Ptn M B 54. to Reliable Showcase & Bldg Co. Feb. 11, 1928
Feb. 21, 1928—S NORTH POINT 218-9 and 242-9 W Broderick W 25xS 137-6. Martin P Jorgensen to whom it may concern. Feb. 21, 1928
Feb. 21, 1928—NO. 5041 GEARY ST. Walter A Preston to S F Dal Porto. Feb. 21, 1928
Feb. 21, 1928—E 29TH AVE 175 S Kirkham, P S Miller to whom it may concern. Feb. 20, 1928
Feb. 21, 1928—LOT 32.6 ON SW COR 28th ave & Balboa. Robert Geithner to whom it may concern. Feb. 20, 1928
Feb. 21, 1928—NW VIENNA 175 SW Russia Ave SW 25xNW 100 Ptn Lot 7 Blk 57, Excel Hd. Assn. L Bosio to whom it may concern. Feb. 21, 1928
Feb. 21, 1928—LOT 11 BLK 2433 Map West Portal Park. J E Sprague to whom it may concern. Feb. 20, 1928
Feb. 24, 1928—ALL LOT 603 & N 5 lot 605 S line of said N 5 being part and dist 5 from N line lot 605 Gift Map. W H G Down to whom it may concern. Feb. 18, 1928
Feb. 24, 1928—NW MUNICH 150 N Persia ave 25 N x 100. Joseph Morelich to G L Plov. Feb. 23, 1928
Feb. 24, 1928—SE MISSION 175 SW 7th th alg SE Mission 75 x SE 160 NE 125 NW 75 SW 50 NW 85. J H Hjal to whom it may concern. Feb. 21, 1928
Feb. 21, 1928—W GLORIA COURT 115 and 116 N Geneva Ave 25x93. Oscar L Erickson to whom it may concern. Feb. 23, 1928
Feb. 21, 1928—N FILBERT 106 W Jones W 27-6xN 102. Prospero Demartini to whom it may concern. Feb. 22, 1928
Feb. 24, 1928—W TWENTY-THIRD

Ave 350, 275, 300 and 325 S Lawton, 25x120. Albert Veyhle to whom it may concern. Feb. 24, 1928
Feb. 23, 1928—S ARLETA AVE 175 W Delta St. Garrett O Jenkins to Harry Aptle. Feb. 21, 1928
Feb. 21, 1928—E DIVISADERO 75 N Francisco N 25 x E 100. Virgil E Haley to whom it may concern. Feb. 21, 1928
Feb. 25, 1928—E FORTY-SEVENTH Ave 200 S Kirkham 82xSE 120. Condit & Maxam to whom it may concern. Feb. 25, 1928
Feb. 25, 1928—W TWENTY-ETH AVE 266-S N Ulloa N 33-4xW 120. Condit & Maxam to whom it may concern. Feb. 25, 1928
Feb. 25, 1928—S PIRECITA AVE 420 W Folsom W 25x100. J McManus to Louis Pellon.
Feb. 25, 1928—E FIFTEENTH AVE 192 S Anza S 24xE 137-6. Raymond N and Ellen Murphy to H S Meinberger. Feb. 24, 1928
Feb. 24, 1928—ALL LOT 3 BLK 43 Map St. Francis Wood Extn No. 1 Ptn Lot 4 Blk 43 destd as cong intersection of SE curved line San Anselmo Ave with NE line Lot 4 rung SW alg SE curved line San Anselmo Ave 40 to pt which is dist 10 measured NT alg SE curved line San Anselmo Ave from its intersection with SW line Lot 4 rung S 66° 35' 20" E 87.72 to its intersection with E line said Lot 4 which pt is N 9° 28' 04" E 10 from SW line said Lot 4 N 9° 28' 04" E 19.78 to its intersection with N line Lot 4 N 72° 43' 10" W alg N line 78.50 to beg. Frank H and Violet K Walker to Stephenson Constr Co. Feb. 23, 1928
Feb. 24, 1928—E ELK 120-6 N from N Chenery, 50x100. Paris J and Adelaide Cacciari to John Bjorkman. Feb. 23, 1928
Feb. 25, 1928—S ALVARADO 205 E Diamond th alg Alvarado 25x120. Nels A Simmes to E Wiander. Feb. 24, 1928
Feb. 25, 1928—W VERMONT 75 S 18th known as 618 Vermont. F C Wolpert to whom it may concern. Feb. 11, 1928
Feb. 25, 1928—LOT 1344 Gift Map No. 3. E W Sylvester to whom it may concern. Feb. 23, 1928
Feb. 25, 1928—LOT 18 BLK 22, City Land Assn. R J Hargrave to whom it may concern. Feb. 24, 1928
Feb. 25, 1928—E TWENTY-FIFTH Ave 175 S Lawton S 25xE 120. H A Sale to whom it may concern. Feb. 25, 1928
Feb. 25, 1928—N DORANTES AVE and W from W Pacheco being Lot 3 Blk 9, Forest Hill Tract known as No. 2 Dorantes Ave. Laura L Heineman to J Prout. Feb. 25, 1928
Feb. 27, 1928—1812 WASHINGTON ST House of Friendship to Ira W Coblurn. Feb. 27, 1928
Feb. 27, 1928—NE CERVANTES Blvd 125 NW Avila. Frank L Smith to whom it may concern. Feb. 27, 1928
Feb. 27, 1928—W MASONIC AVE 50 N Page N 125 W 108 S 37.6 W 125.3 S 137.6 E 125.3 N 50 E 108. Roman Catholic Archbishop of S F to J E O'Mara. W D Stewart as O'Mara & Stewart. Feb. 25, 1928
Feb. 27, 1928—E RHODE ISLAND 266 S 20th S 25 x 100. Mathrona Jabin to whom it may concern. Feb. 27, 1928
Feb. 27, 1928—N 22ND 90 M OF L W Mission W 10 m or 1 x N 41 m lot 1 Louis K Liggett Co to Commercial Fixture Mfg Co. Feb. 20, 1928
Feb. 27, 1928—SE HOWARD 178-6 NE Ninth NE 30xSE 160. Bothin Real Estate Co to H H Larsen Co. Feb. 25, 1928
Feb. 27, 1928—E GAMBIER 125 N Sillman N 25xE 120 Lot 6 Blk 143 Map Brown Estate Co Sub. Ptn University Mound. Emma Garfield to whom it may concern.
Feb. 27, 1928—W EIGHTEENTH AVE 31 S Rivera S 54xW 90. Walter Swift to whom it may concern. Feb. 11, 1928
Feb. 27, 1928—N SANTIAGO 90 W Fourteenth Ave W 31.7 N 100.14 E 25.81 S 100 to beg. Victor Rose to Victor Rose. Feb. 27, 1928
Feb. 27, 1928—SW McKINNON AVE 275 SE Mandell. 25x100. Emanuel and Carrie Tonna to James C Neish. Feb. 25, 1928
Feb. 27, 1928—W 46TH AVENUE 100 N Fulton N25xW 120. H A and J S Gladstone to William C Huber. Feb. 25, 1928
Feb. 28, 1928—SE VIENNA 100 SW Russia Ave SW 25 x SE 100. ptn lot 1 Blk 62 Excelsior Hd Assn. Lorenzo

Besio to whom it may concern. Feb. 27, 1928
Feb. 28, 1928—E ALPINE TERRACE 100-6 S Walter S 25 x E 110.5. Walter G and Johanna J Muspratt to whom it may concern. Feb. 25, 1928
Feb. 28, 1928—E 41TH AVE COMG 200 N Irving 25 x 120. Will D Berg & Etta E Simon to whom it may concern. Feb. 16, 1928
Feb. 28, 1928—E 25TH AVE 150 S Lawton S 25 x E 120. H A Sata to whom it may concern. Feb. 28, 1928
Feb. 28, 1928—SE BUSH & KEARNY sts. Minnie Imdebrecht to Charles T Magill. Feb. 27, 1928

LIENS FILED

San Francisco County

Feb. 21, 1928—S Jefferson 137.6 E Broderick th 137.6 S E 27.6 N 137.6 to S Jenerson W 27.6 to beg. Carjole Wall Paper Co vs W L Coleman. \$201.
Feb. 21, 1928—COMG INT SW Kensington way and SE line lot 45 blk 2975 rung NW alg Kensington way 37.6 SW 100.002 SE 37.6 to SE line lot 15 blk 2975 NE 100.002 to beg. lot 45 and ptn lot 44 blk 2975 map blks 2975, 2988 and 2389 Claremont Court A Schafer vs E J and Doris Bettberg and C C Newman. \$50
Feb. 21, 1928—NW GEARY & 32ND ave N alg W 32nd ave 100 x W 50 Art Tile and Mantel Co., Chester A. McGowan, Oscar A Anderson, W T Kowalkowski vs Louis Graham & Ella C Graham. \$38
Feb. 21, 1928—S JEFFERSON 137.6 E Broderick 137.6 x 137.6. R E Fields vs John Harder and W L Coleman. \$66.1
Feb. 21, 1928—NW COR GEARY & 32nd ave W 50 x N 100. Guilfoyle Cornice Works vs Ella C and Louis Graham. \$812.
Feb. 21, 1928—S FELL 137.6 E Laguna E 55 x S 120. A Schafer vs Fred and Cecelia Hechter. \$90
Feb. 21, 1928—NW GEARY & 32ND ave N 100 x W 50 S 100 to N Geary E alg N Geary to beg. Tyre Bros Glass Co vs Ella C and Louis Graham. E E Young. \$85
Feb. 21, 1928—S SADOWA 146.6 E Orizaba E alg S Sadowa 24.6 S 125 ptn Railroad Hd Assn. Progress Floor Co vt P Gavazza. \$17
Feb. 21, 1928—S WALLER & W Alpine at int of above sts th rung W alg Waller 59.04 x S 75 known as lot 1 blk 125 assessors map. Crowe Glass Co vs George C Raymond. \$319.2
Feb. 21, 1928—W FOUT AVE 149 N Pemberton place N 25 x W 100 lot 7 blk A Ashbury Park tract. F Denuchi vs Chas F Schultz. \$13
Feb. 21, 1928—LOT 28 BLK 3 MAP Forest Hill. Tom Jacobini vs Albert J Pon. Oliver Everett. \$408.5
Feb. 25, 1928—NE CALIFORNIA AND 25th ave N alg E 25th ave 25 x E 95 M Stulsaft vs R L Reynolds and Michael and Adela De Carlo. \$245.2
Feb. 25, 1928—S SADOWA 121.6 E Orizaba ave. E alg S Sadowa ave 50 x S 125 ptn blk C Railroad Hd Assn. Great Western Supply Co vs E Gigg and P Gavazza and James J Cronin Jr. \$399.4
Feb. 25, 1928—E ALPINE 100.74 S Waller S 25 x E 110.5. J J McKinnon, \$457; and H R Cinnamond, \$195.50, vs Walter G and Johanna Z H Muspratt, James E Raymond, Unit Const. Co.
Feb. 24, 1928—W DETROIT 50 N Staples ave N 37.6 x W 100. Frank J Klimm Co vs M C Ingraham, Stephen and Pauline Zemanek. \$30
Feb. 24, 1928—LOT 1 BLK 24 Forest Hill. Massagli & Co vs Esther H & C M Jacobsen, Marion Barker, Louis Goldstein. \$80.1
Feb. 24, 1928—LOT 11 BLK 24, Forest Hill. Parrott & Enmark vs Goldstein & Barker. \$57
Feb. 24, 1928—LOT 6 BLK A. Ashbury Park Terrace also known as Lot 6 Blk 2705. Assessor's Map. National Sheet Metal Works vs Ray L Jones; Edythe B and Charles Schuetz. \$22
Feb. 21, 1928—N JEFFERSON 106-3 W Scott W alg N Jefferson 100 N 159-4 E 100 S 159-4 to N Jefferson. Isaacs Mastering Co vs R E Romano. \$479
Feb. 21, 1928—N 24TH 92.6 E Howard E alg N 24th 35.6 x N 90 W 5.6 N 5 W 30 S 95. Sudden Lumber Co vs Bessie Cooley. \$295.2

21, 1928—COMG AT PT 165 E oderick to 137.6 SE 27.6 N 137.6 S Jensenon W 24.6 to beg. Carjoe ail Paper Co vs W L Coleman. \$201.31	
28, 1928—SW WALLER & AL- ne W aug S Waller 59.9% x S 145. ingrum & Otter inc vs James R ad Georgia C Raymond. \$845	
27, 1928—LOT 11 BLK 24 Forest ill A J Tote vs Marion Barker. us Goldstein, Esther H & C M cousen. \$113	
27, 1928—NW 47TH AVE & Sloat d, bounded S by Sloat blvd W by eat Highway N by Wawona E by n ave, frontage on N Sloat blvd 43 E line Great Highway 121.216 line Wawona 188.196 W 47th ave 2.122. Phoenix Simpton Co vs Geo Kiemyer, Harry M Seigler, R A e, L B Ham & C F Parker. \$847	
27, 1928—LOTS 33 & 34 GIFT LOT J also known as lots 18 and 19 J 5667 assessors map. Ash & Hand lda Brennell. \$111	
27, 1928—N JEFFERSON 106.3 W ott W 100 x N 159.4. T H Fred- cksen vs R E Romano. \$1904.11	
27, 1928—W 19TH AVE 66.8 N loa N 33.4 x W 120. Lot 16 blk 78 Parkside Tract. H Shapiro vs nson C Condit & John Doe Maxam \$192.50	
28, 1928—SE MISSION & 22ND st 122.6 E 23 x S 120 ptn blk 3637 33. San Francisco Terrazzo Assn H Schwartz, Eloise Schwartz, & os Loithus. \$35	
28, 1928—SW KENNINGTON Way SE line lot 45 blk 2975 NW alg enington way 37.6 SW 100.002 SE 6 to SE line lot 45 blk 2975 NE 0.002 to pt of beg, being lot 45 and n lot 41 blk 2975 map blks 2975, 38 and 2989 Claremont Court. J B Callum vs E J Rettberg, Doris ttberg & C C Newman. \$478.79	

RELEASE OF LIENS

San Francisco County

Amount	
21, 1928—S PINE 160.5 W Mont- mery W 22.11 x S 127.6 Ptn 50 V 263. Dinwiddie Construction Co d Russ Building Co to Eugene usail Mailhebau, as etrx est Coe ille Mailhebau decd, Eugene uscal, and Camille Mailhebau and uguste Oliver.	
23, 1928—N GREEN 171.10% E oderick E 34.4% x N 137.6. A E merton to M C Ingraham, H L E eyer Jr, Bess T Meyer.	
24, 1928—E MASON 70 S Chest- st 22.6 x E 68. Reinhart Lumber Planning Mill Co to	
23, 1928—N VALLEJO 54.3 W Oc- vina W 27 x N 125. V H O'Donnell Mabel H Shuman. \$1600	
21, 1928—NW FILLMORE & Cer- ntes, blvd. E A Corney Inc, and alifornia Wall Bed Co to Bessie oley.	
21, 1928—N VALLEJO 150 E La- na E 50 x N 137.6, Uhl Bros to Ly- an J Potter.	
27, 1928—S FELL 137.6 E La- na E 55xS 120. A Schafer to Fred nd Cecilitt Hechter	
27, 1928—E MASON 70 S Chestnut 22.6xE 68. H & H Roofing Co. e to La Mont & Co, Inc and Frank nd Jonnie Evola.	

BUILDING PERMIT. APPLICATIONS

Alameda County

Owner	Contractor	Amt.
Hill	Owner	2003
Barry	Turner	3509
Conlogue	Owner	3100
Cordrey	Cordrey	3500
Carter	Owner	2500
Conlogue	Owner	3100
Duval	Owner	3700
Ford	McWethy	40000
Gest	Owner	2000
Johanson	Owner	3900
Johanson	Owner	2150
MacKinnon	Yerrick	7000
Rosenblatt	Leekins	4000
Rose	Owner	9000
Davis	Starr	1800
Bunting	Lawton	23517

411 Dewey	Saguee	2500
412 Gouldner	Owner	1250
413 Norton	Owner	40000
414 Richfield	Graff	3000
415 Bunting	Lawton	23417
416 Norgrave	Owner	4500
417 Acams	Wright	1000
418 Dashiell	Owner	300
419 Hooper	Pemberton	4650
420 Houwers	Reimers	7500
421 No-D-Lay	Art	4000
422 Alameda	Owner	1500
423 Carlson	Anderson	6750
424 Deal	Theils	3600
425 Deloney	Pickrell	20000
426 Green	Morgenson	6000
427 Lee	Owner	5000
428 Ranker	Owner	5500
429 Hayes	Owner	2800
430 Widney	Widney	4000
431 Amanda	Owner	2500
432 Bowdish	Sommerstrom	7500
433 Fitzpatrick	Grady	2750
434 Grady	Owner	2750
435 Grady	Owner	2750
436 Kick	Owner	2950
437 Lopes	Spivock	5500
438 Miller	Owner	11500
439 Bardwell	Owner	8000
440 Anderson	Owner	5903
441 Button	Owner	3750
442 Blair	Person	13477
443 McDavid	Schenck	4000
444 Meyers	Trimlett	4150
445 Schnets	Flittner	6400
446 Sigwald	Owner	2325
447 Alexander	Peterson	1400
448 Altermatt	Owner	5000
449 Bottano	Bertoldi	5050
450 Bridge	Henderson	1850
451 De Luxe	Owner	5000
452 Gardner	Austin	1800
453 Seagrave	Westlund	1806
454 Bendle	Gordon	1300
455 Derby	Rose	2000
456 Heinz	Austin	150000
457 Lapham	Owner	80000
458 Nock	Thornton	4300
459 Rees	Paige	17500

RESIDENCE

(395) NO. 1811 SHORT ST., Berkeley. One-story 3-room 1-family residence and garage. Owner—Mrs. Ollie Hill, 1427 Hearst Ave., Berkeley. Architect—Aaro Niska, 1142 Allston Way, Berkeley. \$2000

DWELLING

(396) E THERMAL Ave. 100 N 54th ave., Oakland; 1-story 5-room dwelling. Owner—R. A. Barry, 9424 Thermal ave. Architect—None. Contractor—A. E. Turner, 1307 Univers- ity ave., Berkeley. \$3500

DWELLING

(397) W CHURCH St., 400 S Beck st., Oakland; 1-story 5-room dwelling and garage. Owner—F. W. Conlogue, 2227 66th ave., Oakland. Architect—None. \$3100

ALTERATIONS

(398) 290 PARK VIEW Terrace, Oakland; alterations. Owner—Margaret Cordrey. Architect—None. Contractor—Geo. Cordrey, 2901 Park View Terrace. \$3500

HALL

(399) S RUDSDALE St., 150 W 81st ave., Oakland; 1-story hall. Owner—L. D. Carter, 81st ave. and Rudsdale st., Oakland. Architect—W. A. Pentecost, 536 Hobart st., Oakland. \$2500
--

DWELLING

(400) S HOLLIDAY St. 500 E 73rd ave., Oakland; 1-story 5-room dwelling and garage. Owner—F. W. Conlogue, 2227 66th ave., Oakland. Architect—None. \$3100

DWELLING

(401) NE 17TH AVE. & E-22nd st., Oak- land; 2-story 6-room dwelling and garage. Owner—Phillip Duval, 586 Kempton ave., Oakland. Architect—None. \$3700

ADDITION

(402) SE 34TH AVE and E-14th st., Oak- land; 3-story brick addition. Owner—J. C. Ford, 374 17th st., Oakland. Architect—None. Contractor—McWethy & Greenleaf, 374 17th st., Oakland. \$40,000
--

WAREHOUSE

(403) W MAGNOLIA St. 109 N 24th st., Oakland; 1-story brick and concrete warehouse. Owner—G. M. Gest, 503 Market st., S. F. Architect—None. \$2000
--

DWELLING

(404) 2532 76TH AVE., Oakland; 1½- story 7 room dwelling and garage. Owner—K. A. Johanson, 2429 13th ave., Oakland. Architect—None. \$3900
--

DWELLING

(405) 7619 NEY AVE., Oakland; 1-story 5-room dwelling and garage. Owner—K. A. Johanson, 2429 13th ave., Oakland. Architect—None. \$2150

DWELLING

(406) S BOWLES PL., 200 S Sunnyhills rd., Oakland; 2-story 6-room dwelling. Owner—G. E. MacKinnon, 330 Fairmont ave., Oakland. Architect—None. Contractor—A. J. Yerrick, 5255 College ave., Oakland. \$7000

DWELLING

(407) W McKILLOP RD. 200 N E-29th st., Oakland; 1-story 6-room dwell- ing. Owner—J. Rosenblatt, 3918 Maple ave., Oakland. Architect—None. Contractor—C. W. Leekins, 3918 Maple ave., Oakland. \$4900

DWELLING

(408) SE BUCKEYE Ave. and Canon View Lane; 2-story 8-room dwelling. Owner—A. H. Rose, 478 25th st., Oak- land. Architect—None. \$9000

ALTERATIONS

(409) NO. 1711 MILVIA ST., Berkeley. Alterations. Owner—J. R. Davis, 2213 Vine St., Ber- keley. Architect—None. Contractor—C. M. Starr, 2019 Delaware St., Berkeley. \$1800

FACTORY

(410) NO. 820 PARKER ST., Berkeley. Two-story Class C factory building. Owner—Bunting Iron Works, Premises. Architect—Benjamin G. McDougall, 353 Sacramento St., San Francisco. Contractor—Lawton & Vezey, 354 Hobart St., Oakland. \$23,517
--

DWELLING

(411) NO. 3859 PATTERSON AVE., Oak- land. One-story 4-room dwelling. Owner—Mr. and Mrs. B. Dewey, 1465 Sanchez St., Oakland. Architect—None. Contractor—V. Saguee, 3339 Folsom St., San Francisco. \$2500

STATION

(412) SW LAWTON AND COLLEGE Ave., Oakland. One-story brick ser- vice station. Owner—E. F. Guldner, 1953 San Pablo Ave., Oakland. Architect—None. \$1250
--

APARTMENTS

(413) E YORK 100 N Mandana Blvd., Oakland. Three-story 39-room apart- ment building. Owner—H. A. Norton, 1501 Cavanaugh Road, Oakland. Architect—None. \$40,000
--

STATION

(414) NW SIXTH AVE AND E-12TH St., Oakland. One-story steel service station. Owner—Richfield Oil Co. Architect—None. Contractor—E. C. Graff, 420 Lee St., Oakland. \$3000

FACTORY

(415) NO. 820 PARKER ST., (Berkeley Two-story Class C factory building. Owner—Bunting Iron Works, Premises. Architect—B. G. McDougall, 353 Sacra- mento St., San Francisco. Contractor—Lawton & Vezey, 354 Hobart St., Oakland. \$23,417

RESIDENCE

(416) NO. 1606 VISALIA AVE., Ber- keley. One-story 5-room 1-family residence. Owner—C. M. Norgrave, 2220 Roosevelt St., Berkeley. Architect—None. \$4500

ALTERATIONS

(417) NO. 6215 DOVER ST., Oakland.
Alterations.
Owner—F. A. Adams, Premises.
Architect—None.
Contractor—Curtis Wright, 2716 Telegraph Ave., Oakland. \$1000

DWELLING

(418) NO. 4526 PAMPAS AVE., Oakland. One-story 1-room dwelling.
Owner—E. L. Dashiell, 1666 67th Ave., Oakland.
Architect—None. \$3000

DWELLING

(419) W CONTRA COSTA ROAD NO. 6077, Oakland. Two-story 7-room dwelling and one-story garage.
Owner—Dorothy G. Hooper, 732 Cragmont Ave., Oakland.
Architect—None.
Contractor—P. Pemberton, 716 Cragmont Ave., Oakland. \$1650

DWELLING

(420) NO. 850 NORTHAVAL ROAD, Oakland. Two-story 6-room dwelling.
Owner—Geo. Houwers, 812 Underhills Road, Oakland.
Architect—A. Herberger, Franklin Bldg., Oakland.
Contractor—L. H. Reimers, 12 Wildwood Ave., Oakland. \$7500

CLEANING WORKS

(421) NO. 2300 MARKET ST., Oakland. One-story brick cleaning works.
Owner—No-D-Lay Dry Cleaners, Prem.
Architect—None.
Contractor—The Art Builders, 1927 Napa Ave., Berkeley. \$4000

ADDITION

(422) NEPTUNE BEACH, Alameda. Addition to dance hall.
Owner—Alameda Park Co., Robert Strehlow, Mgr., Neptune Beach, Alameda.
Architect—None. \$1500

DWELLING

(423) NO. 2941 GIBBONS DRIVE, Alameda. One-story 6-room cement finish dwelling.
Owner—Capt. Carlson, 1545 Pacific Ave., Alameda.
Architect—None.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda. \$6750

DWELLING

(424) NO. 1117 COURT ST., Alameda. One-story 5-room cement plaster finish dwelling.
Owner—Annie H. Deal, 2809 Madison St., Alameda.
Architect—None.
Contractor—F. J. Theile, 1336 Fernside Blvd., Alameda. \$3600

DWELLING

(425) NO. 1630 CLINTON AVE., Alameda. Two-story 9-room cement plaster finish dwelling.
Owner—Jesse L. Delcnoy, 2159 Central Ave., Alameda.
Architect—William C. Schirmer, Thayer Bldg., Oakland.
Contractor—J. H. Pickrell, 332 Santa Clara Ave., Alameda.

DWELLING

(426) NO. 1706 MORELAND DRIVE, Alameda. One-story 6-room cement finish plaster dwelling.
Owner—Henrietta Green, 5664 Broadway, Oakland.
Architect—None.
Contractor—J. Morgensen Bros., 5664 Broadway, Oakland. Cost, \$6000

DWELLING

(427) NO. 3006 THOMPSON AVE., Alameda. One-story 6-room stucco finish dwelling.
Owner—Samuel Lee, 1500 Versailles Ave., Alameda.
Architect—None. \$5000

DWELLING

(428) NO. 1717 MORELAND DRIVE, Alameda. One-story 6-room cement plaster finish dwelling.
Owner—S. G. Ranker, 712 Haddon Road, Oakland.
Architect—W. W. Dixon, 1814 5th Ave., Oakland. \$5500

APARTMENTS

(429) NO. 1818 WALNUT ST., Berkeley. Three-story 36-room 12-family stucco apartment building.
Owner—Sanders Hayes, 4118 Broadway, Oakland.
Architect—C. W. Burgett, Virginia St., Berkeley. \$28,000

RESIDENCE

(430) NO. 25 FOREST LANE, Berkeley. One-story 6-room 1-family residence.
Owner—J. S. Widney, Hotel Whitecotton, Berkeley.
Architect—None.
Contractor—Widney & Walker, 1709 Grove St., Berkeley. \$1000

DWELLING

(431) 7417 GREENLEY DR., Oakland; 1-story 5-room dwelling.
Owner—Mannuel Amanda, 7317 Greenley dr., Oakland.
Architect—None. \$2500

POST OFFICE

(432) NE PIEDMONT and Entrada, Oakland; 1-story post office.
Owner—J. R. Bowditch.
Architect—None.
Contractor—Sommarstrom Bros., 1409 Webster St., Oakland. \$7500

DWELLING

(433) 4506 ELLEN ST., Oakland; 1-story 4-room dwelling.
Owner—John Fitzpatrick.
Architect—None.
Contractor—E. F. Grady, 2511 38th Ave., Oakland. \$2750

DWELLING

(434) NE 45TH & ELLEN ST., Oakland; 1-story 5-room dwelling.
Owner—E. F. Grady, 2514 38th Ave., Oakland.
Architect—None. \$275

DWELLING

(435) N ELLEN ST. 58 E 45th Ave., Oakland; 1-story 4-room dwelling.
Owner—E. F. Grady, 2514 38th Ave., Oakland.
Architect—None. \$2750

DWELLING

(436) 2684 75TH AVE., Oakland; 1-story 5-room dwelling and garage.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—None. \$2950

STORES

(437) W SAN PABLO AVE. 26 S Athens Ave., Oakland; 1-story brick stores.
Owner—Jos. M. Lopes.
Architect—None.
Contractor—Spivock & Spivock, Hobart Bldg., S. F. \$5500

DWELLING

(438) 2540 VIRGINIA ST., Berkeley; 2-story 16-room 4-family dwelling and garage.
Owner—Miller White Co., 6407 Regan St., Oakland.
Architect—None. \$11.5

RESIDENCE

(439) 1364 OAKLAND AVE., Piedmont; 2-story 8-room frame residence and garage.
Owner—Chas. E. Bardwell, 1364 Oakland Ave., Piedmont.
Architect—None. \$8000

DWELLING

(440) NO. 3751 VICTOR AVE., Oakland. Two-story 6-room dwelling.
Owner—Gus A. Anderson, 2362 High St., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland. \$5900

STORE

(441) E TELEGRAPH AVE 89 N Alcatraz, Oakland. One-story store.
Owner—J. W. Button, 347 63rd St., Oakland.
Architect—None. \$3750

DWELLING

(442) NO. 280 STONEWALL ROAD, Oakland. Two-story 10-room dwelling and one-story garage.
Owner—Eleanor Campbell Blair, 2818 Claremont Court, Oakland.
Architect—W. E. Millwain, Pacific Bldg., Oakland.
Contractor—Emil Person, 829 San Luis Road, Berkeley. \$13,477

DWELLING

(443) N COLE 400 E Trask Ave., Oakland. One-story 5-room dwelling.
Owner—H. McDavid, 805 Kirkham St., Oakland.
Architect—None.
Contractor—A. W. Schenck, 3567 Redwood Road, Oakland. \$4000

DWELLING

(444) NW MONTICELLO & WALNUT. One-story 5-room dwelling and one-story garage.

Owner—Clara Meyers, \$50 Ardley Rd. Oakland.

Architect—None.
Contractor—Robt. Trimlett, 8808 Foot Blvd., Oakland. \$4

DWELLING

(445) NO. 3030 & 3032 E-EIGHTEENTH ST., Oakland. One-story 6-room family dwelling.
Owner—Jos. Schnets, 29 Bernice St., San Francisco.
Architect—None.
Contractor—Jos. Flietner, 1700 35th Ave., Oakland. \$

DWELLING

(446) NO. 2875 MORGAN AVE., Oakland. One-story 4-room dwelling and one-story garage.
Owner—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—None. \$2

ALTERATIONS

(447) NO. 95 SEAVIEW AVE., Piedmont. Renewing tennis court floor.
Owner—W. M. Alexander, Premises.
Architect—None.
Contractor—A. J. Peterson, Piedmont. \$1

RESIDENCE

(448) NO. 771 EUCLID AVE., Berkeley. Two-story 6-room 1-family residence.
Owner—J. F. Altermatt, 920 Oxford St., Berkeley.
Architect—None. \$5

RESIDENCE

(449) NO. 35 SYLVAN WAY, Piedmont. One-story 5-room frame residence and garage.
Owner—Rino Bottano, Piedmont.
Architect—None.
Contractor—J. Mertoldi, 473 55th St., Oakland. \$5

ALTERATIONS

(450) NO. 17 EL CAMINO REAL, Berkeley. Alterations.
Owner—H. S. Bridge, Berkeley.
Architect—None.
Contractor—H. K. Henderson, 20 Ar Road, Berkeley. \$

FACTORY

(451) SE SIXTY-FIFTH & VALLE Emeryville. Factory building.
Owner—De Luxe Products Co., Emeryville.
Architect—None. \$5

ADDITION

(452) W HOLLIS 275 N Park Ave., Emeryville. Add to factory.
Owner—Garden Electric Co., 4227 Hollis St., Emeryville.
Architect—None.
Contractor—Austin Co. of California, Kearny St., San Francisco. \$18

GARAGE

(453) NO. 223 LAFAYETTE AVE., Piedmont. Garage.
Owner—M. C. Seagrave, 223 Lafayette Ave., Piedmont.
Architect—Houghton Sawyer, Heald Bldg., San Francisco.
Contractor—Fred J. Westlund, 625 4th St., Oakland. \$1

GARAGE

(454) W CLAREMONT AVE 300 N Manda, Oakland. One-story tile garage.
Owner—L. M. Bendle.
Architect—None.
Contractor—A. D. Gordon, 337 17th St., Oakland. \$1

REPAIRS

(455) NO. 1944 FRANKLIN ST., Oakland. Fire repairs.
Owner—Derby Estate.
Architect—None.
Contractor—A. H. Rose, 478 25th St., Oakland. \$2

FACTORY

(456) NO. 2950 SAN PABLO AVE., Berkeley. Two-story factory.
Owner—H. J. Heinz Corp., 2900 San Pablo Ave., Berkeley.
Architect—A. Kalm, Detroit, Michigan.
Contractor—Austin Co., 244 Kearny St., San Francisco. \$150

DWELLING

(457) NO. 947 HILLCROFT CIRCLE, Oakland. Two-story 7-room dwelling.
Owner—A. R. Lapham, 874 Trestle G Road, Oakland.
Architect—None. \$8

DWELLING
(58) N MANZANITA DRIVE 400 N Skyline Blvd., Oakland. One-story 6-room dwelling and one-story garage Owner—Anna L. Mock, 319 Richfield Oil Bldg., Oakland. Architect—None. Contractor—O. W. Thornton, 319 Richfield Oil Bldg., Oakland. \$4300

RESIDENCE
(59) NO. 117 ALVARADO ROAD, Berkeley. Two-story 10-room 4-family stucco residence. Owner—C. Rees, 12 Alvarado Road, Berkeley. Architect—W. E. Schirmer Thayer Bldg., Oakland. Contractor—W. L. Paige, 5844 College Ave., Oakland. \$17,500

BUILDING CONTRACTS

Alameda County

Cunningham	Harwood	6260
Langley	Searles	4700
Langley	Diamond	7303
Langley	Read	4262
Langley	Kenyon	3815
Paul	Haskell	8186
Houwvers	Reimers	9000
Blair	Person	13477
Bunting	Lawton	23417
Lopez	Spivock	5500
Trustees	Jensen	2915
Davis	Davis	3100
Richfield	Graff	3159
Womens	Spencer	11435
Schnetz	Flittner	6400
Andrade	Johnson	4812
Hoge	De Velbiss	26335
Lota	De Velbiss	49300
Langley	Scott	2255

DWELLING
(6) LOT 63 BLK 1, Maxwell Park, Oakland; all work on 1-story 6-room dwelling. Owner—Harold G and Sybil Cunningham, 2907 29th ave., Oakland. Architect—None. Contractor—W. P. Harwood, 3514 Lyon, Oakland. Filed Feb. 23, 1928. Dated Feb. 18, 1928
Roof on\$1355
1st coat of plaster1555
Completion1555
Usual 35 days1555
TOTAL COST \$6200
Bond, forfeit, none; limit 90 days; no plans or spec. filed.

WAREHOUSE
(4) NINTH AND CASTRO STS., Oakland; installing conveyor system. Owner—Langley & Michaels, 50 First st., San Francisco. Architect—None. Contractor—Mailler Searles, Inc., 135 Fremont st., S. F. Filed Feb. 23, 1928. Dated Feb. 14, 1928
Delivery of material25%
Completion50%
30 days after completion25%
TOTAL COST \$4700
Bond, limit, forfeit, none; plans and spec. filed.

INSTALLING SHOW FIXTURES
on above. Contractor—Diamond Patent Show Case Co., Inc., 298 8th st., S. F. Filed Feb. 23, 1928. Dated Feb. 20, 1928
On Completion75%
Usual 35 days25%
TOTAL COST \$7303.40
Bond, forfeit, none; limit, 90 days; no plans or spec. filed.

AUTOMATIC SPRINKLING SYSTEM
on above. Contractor—R. C. Reed, San Francisco. Filed Feb. 23, 1928. Dated Feb. 10, 1928
Total amount 36 days after acceptance. TOTAL COST \$4262
Bond, none; limit, 80 days; forfeit, \$30 per day; plans and spec. filed.

INSTALLING ELECTRIC SYSTEM
on above. Contractor—Rodney E. Kenyon, 550 Man-dana Blvd., Oakland. Filed Feb. 23, 1928. Dated Feb. 15, 1928
7th of each month75%
36 days after completion25%
TOTAL COST \$5815
Bond, \$2907.50; surety, Fidelity and Casualty Co. of N. Y.; limit, —; forfeit, 30 per day; plans and spec. filed.

RESIDENCE
(58) LOT 16 BLK 14, Lakeshore High-lands, Oakland; all work on 2-story 8-room residence. Owner—G. Gibson Paul, Tribune Tower, Oakland. Architect—Williams & Wastell, 371 17th st., Oakland. Contractor—Albert A. Haskell, 255 Ridge-way, Oakland. Filed Feb. 27, 1928. Dated Feb. 21, 1928
1st of each mo.75%
Usual 35 days25%
TOTAL COST \$1865
Bond, forfeit, none; limit, 75 days; plans and spec. filed.

DWELLING
(59) LOT 17 BLK 12, Lakeshore High-lands, Oakland. All work for two-story dwelling. Owner—Geo. and Mrs. Jane Houwers, 918 Underhills Road, Oakland. Architect—None. Contractor—Irwin H. Reimers, 12 Wild-wood Ave., Oakland. Filed Feb. 24, '28. Dated Feb. 14, '28.
Foundation poured\$1800
Roof on1800
1st coat plaster on1800
When completed1350
Usual 35 days2250
TOTAL COST, \$9000
Bond, none. Limit, 90 days. Forfeit, \$10 per day. Plans and specifications, none.

DWELLING
(60) STONEWALL ROAD, Oakland. All work for two-story and basement dwelling and garage. Owner—Elinor Campbell Blair, Berkeley. Architect—William E. Milvain, Pacific Bldg., Oakland. Contractor—Emil Person, 820 San Luis Rd., Berkeley. Filed Feb. 25, 1928. Dated Feb. 24, 1928.
Frame up\$3369
1st coat plaster on3369
When completed3369
Usual 35 days3370
TOTAL COST, \$13,477
Bond, \$13,477. Surety, National Surety Co. of N. Y. Limit, 100 days. Forfeit, \$5 per day. Plans and specifications filed.

FACTORY BLDG.
(61) S PARKER ST., bet. Fifth and Sixth Sts., Berkeley. All work for factory building. Owner—Bunting Iron Works, 820 Parker St., Berkeley. Architect—Benj. G. McDougall, 353 Sacramento St., San Francisco. Contractor—Lawton & Vezey, 354 Ho-hart St., Oakland. Filed Feb. 25, 1928. Dated Feb. 25, 1928.
Bet. 1st and 10th of each month 75%
Usual 35 daysBalance
TOTAL COST, \$23,417
Bond, \$23,417. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(62) W SAN PABLO AVE 26 S Athens St., Oakland. All work for one-story brick store building. Owner—Joseph F. and Dorothy Lopez, San Francisco. Architect—None. Contractor—Spivock & Spivock, 609 Ho-hart Bldg., San Francisco. Filed Feb. 25, 1928. Dated Feb. 24, 1928.
Brick walls 1/2 up\$1100
Walls up1100
Roof on1100
When completed1100
Usual 35 days1100
TOTAL COST, \$5500
Bond, \$3000. Sureties, S. Spivock and Nathan Farnham. Limit, April 28, 1928. Forfeit, none. Plans and specifications filed.

ADDITIONS
(63) SW FOURTH AND K STS., Liver-more. All work for alterations and repairs to church building. Owner—Trustees of Presbyterian Church, Livermore. Architect—Francis W. Reid, 1630 Jose-phine St., Berkeley. Contractor—Niels Jensen, Livermore. Filed Feb. 25, 1928. Dated Feb. 20, 1928.
1st floor joists placed\$728.75
Roof completed728.75
When completed728.75
Usual 35 days728.75
TOTAL COST, \$2915.00
Bond, \$2699.50. Surety, Royal Indemnity Co. Limit, 60 days. Forfeit, \$25 per day. Plans and specifications filed.

APARTMENTS
(64) W CURTIS St. 308 N University ave., Berkeley; all work on apt. bldg. Owner—Grace Davis, 2247 Bancroft way, Berkeley. Architect—None. Contractor—A. G. Davis, 2247 Bancroft way, Berkeley. Filed Feb. 27, 1928. Dated Feb. 27, 1928
Total cost not to exceed \$31,000
Bond, forfeit, limit, none; no plans or spec. filed.

SERVICE STATION
(65) NW 6TH AVE. and E-12th st., Oak-land; all work on gas service station. Owner—Richfield Oil Co. of Calif, 13th and Franklin, Oakland. Architect—Edwin C. Graff, 420 Lee st., Oakland. Contractor—Architect. Filed Feb. 28, 1928. Dated Feb. 10, 1928
1st and 16th of each mo.85%
Usual 35 days15%
TOTAL COST \$3159.21
Bond, forfeit, none; limit 25 days; plans and spec. filed.

CLUB BLDG.
(66) LOT 8 & PTN LOTS 9 & 10, blk 23, Lakeside tct, N line Bellevue ave. bet. Ellita and Staten ave., Oakland; elevators and dumb waiters on club bldg. Owner—Women's Athletic Club of Ala-meda County, 1706 Broadway, Oak-land. Architect—Charles F. B. Roeth and E. G. Bangs, 1407 Franklin st., Oakland. Contractor—Spencer Elevator Co., 166 7th st., San Francisco. Filed Feb. 28, 1928. Dated Feb. 18, 1928
15th of each month75%
Usual 35 days25%
TOTAL COST \$11,435
Bond, \$5717.50; surety, Union Indem. Co. of N. O.; limit, 120 days; forfeit, none; plans and spec. filed.

BUNGALOW
(67) NE TALLANT ST. 100 NW Fruit-vaie ave., Oakland; all work on du-plex bungalow and garages. Owner—Joseph and Amelia Schnetz, 29 Bernice st., S. F. Architect—Jos. Flittner, 1700 35th ave., Oakland. Contractor—Architect. Filed Feb. 28, 1928. Dated Feb. 27, 1928.
Bldg. enclosed\$1600
Brown coated1600
Completed1600
Usual 35 days1600
TOTAL COST \$6400
Bond, none; limit 90 days; forfeit, \$2 per day; plans and spec. filed.

RESIDENCE
(68) HAYWARD; all work on 1-story 5-room residence. Owner—Ernest M. Andrade, Hayward. Architect—Hutchison & Mills, 1214 Web-ster st., Oakland. Contractor—Charles Johnson, Hayward. Filed Feb. 29, 1928. Dated Feb. 1, 1928
Frame up25%
Brown coated25%
Completed25%
Usual 35 days25%
TOTAL COST \$4812
Bond, forfeit, none; limit 90 days; plans and spec. filed.

BLDG.
(69) LAKESHORE and Lake Park ave.; all work on class C brick bldg. Owner—Lionel B and Evelyn A. Hoge, 455 Lagunitas, Oakland. Architect—F. H. Reimers, Franklin Bldg., Oakland. Contractor—C. Dudley De Velbiss, 2937 Forest, Berkeley. Filed Feb. 29, 1928. Dated Feb. 27, 1928
Signing contract\$1000 0
Foundation in3222.50
Wall up to ceiling joists4222.50
Roof on4222.50
Brown coated4222.50
Completed4222.50
Usual 35 days5222.50
TOTAL COST, \$26,335
Bond \$15,000; surety, Nat. Surety Co. of N. Y.; limit 110 days; forfeit, \$10 per day; plans and spec. filed.

BLDG.
(70) NE PIEDMONT AVE. and Channing way, Berkeley; all work on brick ve-neer frame bldg. Owner—Iota Bldg. Co. of Sigma Pi Fraternity of Berkeley, Inc. Architect—Frederick H. Reimers, Frank-lin Bldg., Oakland. Contractor—C. Dudley De Velbiss, 2937 Forest, Berkeley.

Filed Feb. 29, 1928. Dated Jan. 21, 1928
1st floor joists placed \$98.00
Roof on 98.00
Brown coated 98.00
Completed 98.00
Usual 35 days 98.00

TOTAL COST \$49.50

Bond, \$24,500; sureties, J. C. Seltenrigit, C. T. Hurt; Robert Van Bokkelen; limit, 120 days; forfeit, \$1 per day; plans and spec. filed.

WAREHOUSE

(71) SW NINTH and Castro sts., Oakland; plumbing.
Owner—Langley & Michaels Co. (Clinton Const. Co., contractor), 7th and Bay.
Architect—Henry H. Meyers, 1172 61st ave., Oakland.
Sub-contractor—Scott Co., 113 10th st., Oakland.

Filed Feb. 28, 1928. Dated Feb. 21, 1928
10th of each month 75%
Usual 35 days 25%

TOTAL COST \$2355

Bond, limit, forfeit, none; no plans or spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Feb. 21, 1928—467 EAST AERLE CT, San Leandro. A Casqueiro to whom it may concern. Feb. 21, 1928
Feb. 21, 1928—820 53RD AVE, Oakland Leopoldo Mazzanti to C Langeberg Feb. 21, 1928
Feb. 21, 1928—LOT 293 MAP OAK Knoll, Oakland. Kenning Johnson to whom it may concern. Feb. 21, 1928
Feb. 21, 1928—1332 HOPKINS COURT Berkeley. John W Wishart to whom it may concern. Feb. 13, 1928
Feb. 21, 1928—994 LONGRIDGE ROAD Oakland. Oscar E Nelson to whom it may concern. Feb. 21, 1928
Feb. 25, 1928—3927 FOREST HILL AV, Oakland. H C Mame to whom it may concern. Feb. 25, 1928
Feb. 25, 1928—LOT 82, FERNWOOD, Oakland. Jessie I Haskell to Beckett & Wight. Feb. 21, 1928
Feb. 27, 1928—LOTS 21 & 22 BLK 59, Estudillo tct, San Leandro. Walter P Story to George Windsor. Feb. 20, 1928
Feb. 27, 1928—S ROSE ST 101.7 E Oxford, Berkeley. John J Geary and Geo F Dowling to whom it may concern Feb. 24, 1928
Feb. 27, 1928—LOT 2 GARDEN ACRES, Eden twp. A Eugene and Maud E Hanson to P L Weisma. Feb. 20, 1928
Feb. 27, 1928—NW 21ST AVE 52.6 N4 E-22nd st, Oakland. H J Myklebust to whom it may concern. Feb. 25, 1928
Feb. 25, 1928—NO. 421 VASSAR ST., Berkeley. Joseph Eggum to T E Kennedy. Feb. 24, 1928
Feb. 25, 1928—NO. 858-860 SIXTEENTH St., Oakland. Associated Oil Co to L William Stein. Feb. 16, 1928
Feb. 24, 1928—OAKLAND R R Yard, Oakland. Southern Pacific Co to Hutchinson Co. Feb. 21, 1928
Feb. 24, 1928—LOT 24 BLK M, Estudillo Estates, San Leandro. Pauline Gallick to Tynan Lumber Co. Feb. 21, 1928
Feb. 24, 1928—1186 MONTEREY AVE, Berkeley. Frank Broadhead to whom it may concern. Feb. 23, 1928
Feb. 24, 1928—LOT 1 BLK 4, Oakmore Terrace, Oakland. S E Armstrong to whom it may concern. Feb. 24, 1928
Feb. 23, 1928—LOT 12 HOPKINS Court Tract, Berkeley. Caroline Shank to Walter L. Brodriek. Feb. 20, 1928
Feb. 23, 1928—LOT 11 BLK 41, Beverly Terrace, Oakland. Charles Rogers to whom it may concern. Feb. 22, 1928
Feb. 23, 1928—5236 SHEFFIELD St, Oakland. J Z Todd to whom it may concern. Feb. 21, 1928
Feb. 23, 1928—837 SANTA RAY AVE, Oakland. Mabel R Smith to whom it may concern. Feb. 23, 1928
Feb. 21, 1928—239 MAGNOLIA AVE, Piedmont. A K Goodmundson to whom it may concern. Feb. 20, 1928
Feb. 21, 1928—LOT 3 BLK 70, Southern Addn to Livermore. Samuel Bothwell to S. Bothwell & Son. Feb. 20, 1928
Feb. 21, 1928—SE LINE FRUITVALE ave about 75 SW School st and W line Champion st about 212 S School st, Oakland. Carl T Petersen to J B Peppin. Feb. 20, 1928
Feb. 21, 1928—1132 WELLINGTON ST,

Oakland, J. T. Turner to whom it may concern. Feb. 21, 1928
One Co to E E Dias. Feb. 18, 1928
Feb. 27, 1928—PTN 267.46 ACRE parcel hereby deeded to Realty Syndicate dated June 2, 1909, recorded in Liber 1619 of deeds, page 123. H E Warren to whom it may concern. Feb. 20, 1928
Feb. 27, 28—LOT 17 OCEAN VIEW Hts Oakland. Albert L and Martha A Getz to Better Homes Corp. Feb. 21, 1928
Feb. 27, 1928—SHELLMOUND PARK Properties, Emeryville. C K Williams & Co of Calif to Herriek Iron Wks. Jan. 30, 1928
Feb. 27, 1928—LOT 2 BLK 22, Northbrae, Berkeley. Emrichetta K. Marshall to C E Rednours. Feb. 15, 1928
Feb. 27, 1928—W JACKSON ST 1472 N 12th st, Oakland. Ethel M and W W Vernon to Weeks & Wallstrum and assigned to W H Weeks. Feb. 25, 1928
Feb. 25, 1928—E LIGGETT DRIVE abt 111 S Hampton rd, Oakland. Ira Abrahami to whom it may concern. Feb. 21, 1928

LIENS FILED

Alameda County

Recorded Feb. 25, 1928—LOT 9 BLK M, Mulford Gardens Unit No. 1, Eden Twp. Kerr & Clifford vs Lila Morey and Tynan Lumber Co. \$55.50
Feb. 25, 1928—LOT 43, Le Bon Park, San Leandro. Charles Randall vs Kenneth C and Phyllis Martin. \$106.45
Feb. 24, 1928—290 LENOX AVE, Oakland. California Electric Co vs Marie L and Bertie M Hanlon, G Robert Sterne. \$118.30
Feb. 24, 1928—290 LENOX AVE, Oakland. Oil Burning Equip. Co vs Marie L and Bertie M Hanlon, G Robert Sterne. \$118.30
Feb. 24, 1928—LOT 23, Alta Heights, Piedmont. Cliff Gates vs Max W & Sterne. \$234.50
Grace Amy Oetli, R W Stoller. \$57
Feb. 24, 1928—LOTS 246 and 291 UNIT C Oak Knoll, Oakland. Ralph Kerr vs D J Keirnan. \$75
Feb. 23, 1928—LOT 43 LE BON PARK, San Leandro. Sam Stern vs Kenneth C Martin, Charles C Williams. \$78
Feb. 21, 1928—LOT 28 BLK R RESUB ptn Roberts & Wolfskill tct, Schnoor Bros vs G H Lydikesen, W A Irwin \$68
Feb. 21, 1928—LOT 43 BLK 12, Chevrolet Park, Oakland. California Door Co vs Harry A Smith. \$154
Feb. 28, 1928—LOT 3 BLK L, Melrose Acres, Oakland. Melrose Bldg Materials Co vs C H Gish. \$51
Feb. 28, 1928—1083 ARDMORE AVE, Oakland. Aladdin Heating Corp vs Donald C & Kathleen Craig. \$188
Feb. 28, 1928—258 HILLCREST ROAD, Berkeley. Aladdin Heating Corp vs Eugene L Stockwell. \$273.50
Feb. 28, 1928—824 CRAGMONT AVE, Berkeley. Hogan-Foss Co vs Henry B and Dora C Winttingham, O T Lyon. \$209.16
Feb. 28, 1928—LOTS 6 & 7 BLK 2 Berkeley Square, Berkeley. D B Gladstone vs H C Reid. \$2920.72
Feb. 27, 1928—PTN LOTS 8 & 9 Lawton Avenue Tct, Oakland. Pacific Paint and Wall Paper Co vs Salvatore Toschi, Egidio Evangelisti, Adolfo Corruccini. \$98.56

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Feb. 27, 1928—N CEDAR ST 118.36 W Le Roy ave, Berkeley. Jas A Davis Co vs K A MacMillan. \$288.
Feb. 25, 1928—LOT 43, Le Bon Park, San Leandro. M A Lopes (Central Bldg Materials Co) vs Kenneth C Martin. \$291.
Feb. 25, 1928—LOT 43, Le Bon Park, San Leandro. Frank Lopes vs Kenneth C Martin. \$189.
Feb. 25, 1928—SW FORTY-FIFTH ST. & San Pablo Ave, Oakland. Rhodes-Jamieson Co vs Sophie O'Neill; Robt W Gardner and Adolph R Bergman. \$65.

RELEASE OF LIENS

Alameda County

Feb. 25, 1928—LOT 4 BLK E SUBD of S ptn Harmon Tct, Berkeley. Richmond Sanitary Co (\$413.86); Garrett Mill & Lumber Co (\$1201.85), to Chas. A Hall, Ashley Smith, Melrose Realty Co.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUILDING
RECORDED
LOT 1 BLK 31, Easton. All work for one-story and basement frame building.
Owner—Daniel H. and Etly Crawford
Architect—None.
Contractor—H. J. Hughes.
Filed Feb. 24, '28. Dated Feb. 3, '28.
Roof on \$14.
Brown coated 14.
Completed 14.
Usual 35 days 14.
TOTAL COST, \$580
Bond, limit, forfeit, plans and specifications, none.
BUNGALOW
LOT 1 BLK 7 BELMONT COUNTRY Club Properties; all work on bungalow and garage.
Owner—Clifford F. Rutledge, San Mateo.
Architect—None.
Contractor—Cyril M. Doone et al, San Mateo.
Filed Feb. 17, 1928. Dated Feb. 15, 1928.
Signing \$175.
Enclosed 100.
Brown coated 100.
Completed 100.
Usual 35 days 150.
TOTAL COST \$625
Bond, \$4500; sureties, Milton Fitch and Clarence B. Crothers; limit, 90 working days; forfeit, none; plans and spec. filed.
TENNIS COURT
PART LOT 3 VALPARISO PARK; re surface tennis court.
Owner—George L. Payne, San Mateo.
Architect—Edward B. Seely.
Contractor—Malott & Peterson, San Mateo.
Filed Feb. 20, 1928. Dated Feb. 10, 1928.
Completion \$788.
Usual 35 days 262.7.
TOTAL COST \$1050
Bond, \$525.50; sureties, C. Wilmer and J. W. Souleman; limit, 30 working days; forfeit, \$10; spec. only filed.
RESIDENCE
LOT 29 BLK 17 BAYWOOD, San Mateo all work on 2-story frame residence.
Owner—Ralph Stoddard.
Architect—Chester O. Root, Burlingame.
Contractor—G. W. Williams.
Filed Feb. 23, 1928. Dated Feb. 20, 1928.
Framed \$2612.
Brown coated 2612.
Completed 2612.
Usual 35 days 2612.
TOTAL COST \$10,440
bond, forfeit, none; limit 100 working days; plans and spec. filed.
BUILDING PERMITS
SAN MATEO
RESIDENCE, 2-story and garage, \$9000 Lot 5 Blk 3, Edinborough St., San Mateo; owner, Lenfield & Olund, 14 County Road, San Mateo.
BUNGALOW, \$4000; Lot 3 blk. D, Resub 7, Grand Blvd., San Mateo; owner, J. W. Clifford.

ELLING, 2 stories, \$8500 ptn. lots 3 & 4, blk. 13, Baywood, San Mateo; owner, George Bros.
 GALOW, \$3900; lot 11, 85 from Ivy st., Homestead, San Mateo; owner, F. W. Nielson.
 IDENCE, \$7500; Lots 1 and 2, 17th ave., near Hayward Park, San Mateo; owner, Harold Taylor, 134 13th ave.; contractor, Wallace Waterhouse, Homestead.
 IDENCE, \$9000; LOT 237 blk. 3, San Mateo Park; owner, Allan McIntyre, 446 Highland.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 Feb. 24, 1928—PART LOT 2 BLK 26 S E St., San Mateo. Palo Tochini to cob Ehling. Feb. 17, 1928
 Feb. 24, 1928—LOT 8 BLK 14, Lyon & Sub., San Carlos. Ray D. Bagover to whom it may concern. Feb. 24, 1928
 Feb. 24, 1928—LOT 10 BLK 16, Millae Highlands. James McCarthy al to Sig J Olafsson et al. Feb. 23, 1928
 Feb. 24, 1928—LOT 4 BLK 12, Baywood Tract, San Mateo. J W Donnelly to whom it may concern. Feb. 23, 1928
 Feb. 24, 1928—PART LOT 5 BLK 9, Oak howl Manor. E E Dwyer to whom it may concern. Feb. 23, 1928
 Feb. 25, 1928—LOT 3 BLK D, Hillsborough Park No. 2. J B Oswald to whom it may concern. Feb. 24, 1928
 Feb. 23, 1928—COLLEGE AVE. NEAR Weaver st., Santa Rosa. W W Roberts to whom it may concern. Feb. 23, 1928
 Feb. 21, 1928—LOT 20 BLK 31 LYON Hoag sub, Burlingame. Anna Legner to Christian Sorensen.
 Feb. 21, 1928—LOT 35 BLK 12 VISTA Grande, San Mateo. Burt I Youngs to whom it may concern. Feb. 18, 1928
 Feb. 21, 1928—LOT 5 BLK 18 EAGLE Hill Add, Redwood City. Peter Caron to whom it may concern. Feb. 17, 1928
 Feb. 21, 1928—PART LOT 2, Graceland ark, Amelia Barter et al to whom it may concern. Feb. 17, 1928
 Feb. 23, 1928—LOT 4 BLK 11, Burlingame Land Co. Dr George Gillman, Black & Campbell. Feb. 20, 1928
 Feb. 15, 1928—LOT 46, Hillsborough Oaks ordon C Hess et al to W O Nicoldes. Feb. 14, 1928
 Feb. 15, 1928—LOT 16 BLK H, Hayward Park, San Mateo. W W Thompson to Frank J Ferrea. Feb. 13, 1928
 Feb. 15, 1928—N A THERTON AVE., therton. A H Isenberg to Meese & riggs. Feb. 10, 1928
 Feb. 16, 1928—LOT 34 BLK 5, Thomas A Cavanagh to whom it may concern. Feb. 13, 1928
 Feb. 16, 1928—LOT 33 BLK 58, Easton. Larry R Randles to whom it may concern. Feb. 15, 1928
 Feb. 16, 1928—0.567 OF AN ACRE. Richard Van Hoosar Alias to Arthur buesberry. Feb. 15, 1928
 Feb. 15, 1928—LOT 180 West End Homestead, San Mateo. Lindgren Bros to whom it may concern (2 completions). Feb. 14, 1928
 Feb. 18, 1928—LOT 43 BLK 6, Burlingame. G W Williams Co to whom it may concern. Feb. 16, 1928
 Feb. 17, 1928—LOT 7 BLK 3, San Mateo Villa Park. John P Kofod to Has M Allev. Feb. 17, 1928
 Feb. 17, 1928—LOT 41 BLK 20, San Bruno Park. Edith V Wanner to whom it may concern. Feb. 14, 1928
 Feb. 20, 1928—ARMONDALE RANCH. Joseph M MacDonough to Wells P. Goodenough. Jan. 26, 1928
 Feb. 20, 1928—S BELLEVUE ST. 25 W Oliver St., Daly City. Frank Latone al to Domenic Delucchi. Feb. 9, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 Feb. 24, 1928—LOTS 3, 4 AND 5 BLK 13, Vista Grand, Roma Hardwood Floor Co vs Burt Youngs et al. \$336
 Feb. 15, 1928—LOT 31 BLK 10, San Bruno No. 4. Royal Floor Co vs Mathew Anderson. \$210
 Feb. 15, 1928—LOT 23, Polhemus Tract, San Mateo. M A Wilson vs Richard E Giller. \$710.50

RELEASE OF LIENS

SAN MATEO COUNTY

Feb. 17, 1928—LOT 11 BLK 8, Burlingame Park No. 2, Burlingame. Chas G Adams to Charlotte Coyle. \$2160
 Feb. 17, 1928—LOT 15 BLK 55, Easton J G Morrison to Chas G Adams. \$140
 Feb. 17, 1928—LOT 11 BLK 8, Burlingame Park, Burlingame. Estate John G Morrison to Chas G Adams. \$310
 Feb. 20, 1928—LOT 36 BLK 6, Burlingame. Evans Electric Co to Josephine Marion Nielsen et al. \$161.77
 Feb. 20, 1928—LOT 41 BLK 21, Union Park, San Mateo. South City Lumber Co to Egdio Evangelisti et al. \$1188.11
 Feb. 21, 1928—LOT 36 BLK 6, Burlingame. Inland Floor Co to M Nielson. \$85.25
 Feb. 22, 1928—LOTS 21, 24 & 25 BLK 9, lots 35, 36, 37, 40, 42, 44, 45 & 46, blk 36, lots 10, 26 and 27 blk 37, lots 17 and 18 blk 38, lots 2, 4 and 6 blk 40, lots 1, 2, 3, 5, 6 and 7 blk 41, lots 2, 28, 30, 31 and 32, blk 42, lots 2 & 12 blk 43, lots 17, 19 and 29, blk 45, lots 61, 62 and 63 blk 46, Sub No 7, Municipal Properties. Henry Cowell Lime & Cement Co, \$132.63; Pacific Portland Cement Co, \$4828.72; and Great Western Supply Co, \$—; to Louise L Cook et al.
 Feb. 23, 1928—LOT 20 BLK 19 Crocker Estate Tct, R Vance Pearson to Foster Merrill et al. \$1699.01
 Feb. 23, 1928—DEVONSHIRE, GREAT Western Supply Co to Municipal Properties Co. \$8183.79

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

MARKET BLDG.
 SW THE ALAMEDA N Hanchett Ave., San Jose. All work for concrete market building.
 Owner—F. E. Damon, San Jose.
 Architect—Joseph L. Stewart, 1214-1216 Claus Spreckles Bldg., San Francisco
 Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.
 Filed Feb. 24, '28. Dated Feb. 21, '28.
 Concrete walls poured. \$20,000
 Brown coat plaster on. 20,000
 Building completed. 20,000
 Usual 35 days. 20,000
 TOTAL COST, \$80,000
 Bond, none. Limit, 90 days from Feb. 21, 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE
 S 1/2 LOT 7 BLK 7, Hanchett Park also W 1/2 of S 1/2 Lot 8 Blk 7, Hanchett Park S Maps 53, San Jose. All work for residence and garage.
 Owner—W. A. Popp, 63 Lenzen St., San Jose.
 Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
 Contractor—E. A. Hathaway, 644 E-Margaret St., San Jose.
 Filed Feb. 23, '28. Dated Feb. 20, '28.
 As work progresses. 75%
 Usual 35 days. 95%
 TOTAL COST, \$8050

ond, \$4025. Sureties, A. L. Hubbard and Otto E. Schnabel. Limit, 100 working days from Feb. 23, 1928. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Feb. 18, 1928—LOT 10, Fairway Park. San Jose. George S Kocher to whom it may concern. Feb. 18, 1928
 Feb. 18, 1928—NO. 503 W-SAN CARLOS St. (rear), San Jose. Joe Lo Proto to whom it may concern. Feb. 11, 1928
 Feb. 20, 1928—NW SAN ANTONIO & Third Sts., San Jose. Dora E Carter et al to whom it may concern. Feb. 20, 1928
 Feb. 20, 1928—SW 1/2 LOT 26-B-A, Almaden Manor, San Jose. Carol M Price to whom it may concern. Jan. 28, 1928
 Feb. 21, 1928—NE 46.50 LOTS 17 TO 20 Blk 89, Palo Alto. A R Bacon to whom it may concern. Feb. 21, 1928
 Feb. 23, 1928—NO. 628-630 RAMONA St., Palo Alto. Adolph Richter to whom it may concern. Feb. 15, 1928
 Feb. 23, 1928—COR. RAMONA ST AND Nevada Ave Ptn Lots 1 and 2 Blk 58, Resubd Seale Addn No. 2, Palo Alto. Mae Smith et al to whom it may concern. Feb. 20, 1928
 Feb. 23, 1928—LOT 11 BLK 1, Maypark Half Acres. W J Hanlin to whom it may concern. Feb. 23, 1928
 Feb. 23, 1928—NE SECOND ST 91 8/12 SE Taylor St., San Jose. Anthony Di Marco to whom it may concern. Feb. 20, 1928
 Feb. 23, 1928—LOT 8 BLK 2, Cherry Land Tract, Willow Glen. Ernesto R Knollin et al to whom it may concern. Feb. 20, 1928
 Feb. 24, 1928—LOT 28, Palo Alto Farm Stanford University cont. 66.50 ac. Norman A Goddard, lessee to whom it may concern. Feb. 18, 1928
 Feb. 24, 1928—LOT 68, Clara Vista Addition, Palo Alto. W M Bernard to whom it may concern. Feb. 20, 1928
 Feb. 24, 1928—LOT 10 BLK 64, Seale Addition No. 2 M of Maps 6, Palo Alto. Edward J Schmalzing to whom it may concern. Feb. 20, 1928
 Feb. 24, 1928—NE LOT 14, Chapin Subd. and Willow St. Ptn Narvaez Rancho. Clarence A and Dora E Enderson to Raymond R Allison. Feb. 21, 1928
 Feb. 24, 1928—LOT 9 BLK 1 N R 1 E Map No. 6, Miller vs Thomas, City of Gilroy. Jessie F Thompson to whom it may concern. Feb. 16, 1928
 Feb. 10, 1928—NO. 217-221 S-FIRST St., San Jose. Charles M O'Brien to whom it may concern (plastering work). Feb. 1, 1928
 Feb. 10, 1928—NO. 217-221 S-FIRST St., San Jose. Charles M O'Brien to whom it may concern (tiling work). Feb. 3, 1928
 Feb. 10, 1928—LOT 8 BLK 2, Lincoln Gates, Willow Glen. S L Hamilton to whom it may concern. Feb. 1, 1928
 Feb. 10, 1928—LOT 39, Chace Park Ave Lots, San Jose. J E Bailey et al to whom it may concern. Feb. 9, 1928
 Feb. 11, 1928—MT. VIEW UNION HIGH School, Mt. View. (gymnasium, pool and bleachers). Mt. View Union High School to whom it may concern. Feb. 11, 1928
 Feb. 11, 1928—LOS GATOS UNION High School. (gymnasium building). Los Gatos Union High School to whom it may concern. Feb. 8, 1928
 Feb. 14, 1928—N WASHINGTON ST. 40 E from SW Cor. Lot 362, Hancock Subd No. 1, San Jose. C Leightland to whom it may concern. Feb. 11, 1928
 Feb. 14, 1928—LOTS 21 AND 22 BLK 18, Vendome Park, San Jose. A Tullock et al to whom it may concern. Feb. 9, 1928
 Feb. 16, 1928—LOTS 6 AND 7 BLK 19, Vendome Park No. 2, San Jose. Joseph A Mamalo et al to whom it may concern. Feb. 14, 1928
 Feb. 16, 1928—NW PERSHING AVE 33 NE Hoover Ave., San Jose. Clyde Alexander to whom it may concern. Feb. 15, 1928
 Feb. 17, 1928—E BAILEY AVE 150 S Mercy St., Mt. View. Henry L Spear to whom it may concern. Feb. 14, 1928
 Feb. 17, 1928—NW LYTTON AVE and SW Palo Alto Ave SW 64.34 NW 80 NE 23 to Palo Ave SE 90.12 to Leg Ptn Blk 51, Palo Alto. R M Sullivan to whom it may concern. Feb. 11, 1928
 Feb. 17, 1928—NW 77.50 LOT 20, Chace

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

Villa Lots, San Jose. Phoebe Meldeiros to whom it may concern.....
.....Feb. 15, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Feb. 20, 1928—LOT 6 BLK 1 N R 1
W, San Jose. W J Porter to Ethel
Stewart et al.....\$787
Feb. 21, 1928—N 103 LOTS 22 AND 23,
Adams Subd. San Jose. Chas L
Oliver to Joseph Alameda et al.....
Feb. 11, 1928—LOTS 64 AND 65 BLK
26, Palo Alto. Mermer Lumber Co vs
Margaret E Bargar.....\$93.03

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Feb. 14, 1928—SE HANOVER AND OX-
ford Sts., Part College Terrace, Palo
Alto. Charles W Spencer to D J
Spruyt.....

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and stucco, \$5000;
No. 233 Seale Ave., Palo Alto; own-
er, W. M. Kellerman, Palo Alto; con-
tractor, H. Miranda, Palo Alto.
RESIDENCE and garage, frame and
stucco, \$8000; No. 2391 Southcourt
St., Palo Alto; owner, Chester De-
lano, Palo Alto; architect, Chas. F.
Strothoff, 2274 15th St., San Fran-
cisco; contractor, Miner Co., Palo
Alto.
ALTERATIONS, interior, \$6350; 439 Ra-
mona, Palo Alto; owner, City of Palo
Alto.
GARAGE, concrete and tile, \$2071; 459
Ramona, Palo Alto; owner, City of
Palo Alto; contractor, Stephenson
Const. Co.
GARAGE, concrete and tile, \$2700; 439
Ramona, Palo Alto; owner, City of
Palo Alto; contractor, Stephenson
Const. Co.
RESIDENCE, frame, rustic, and garage,
\$12,000; 2195 Waverly st., Palo Alto;
owner, H. E. Wieggs; contractor, W.
F. Klay, Menlo st., Palo Alto.
RESIDENCE, frame, stucco, and garage,
\$5000; 1212 Parkinson, Palo Alto; own-
er, Louis A. Anderson.
RESIDENCE, frame and stucco, \$4700;
1285 Channing dr., Palo Alto; owner,
A. Newman.

BUILDING PERMITS

REDWOOD CITY

OIL tanks and pump house, \$—; Chest-
nut St., Redwood City; owner, R. B.
Vail, Redwood City; contractor, Vail
Burner & Oil Co., Redwood City.
DWELLING, frame, and garage, \$2500;
No. 627 Cassia St., Redwood City;
owner, J. B. Weston, Redwood City.
DWELLING, duplex, frame, basement
garage, \$2400; No. 111-113 Hazel Ave.,
Redwood City; owner, Joseph Mon-
toro, Redwood City; contractor, L.
Suddjian, 1401 Roosevelt Ave., Red-
wood City.
DWELLING, frame and garage, \$2000;
No. 419 Howland Ave., Redwood City;
owner, G. W. Knapp, 838 Brewster
Ave., Redwood City.
DWELLING, and garage, concrete and
frame, \$4000; No. 422 Myrtle St.,
Redwood City; owner, Vacu Wall
Co., Redwood City; contractor, Chas.
M. Alley, Redwood City.
DWELLING and garage, frame, \$2000;
No. 1736 Volota Road, Redwood City;

owner, W. S. Lincoln, Redwood City.
DWELLING, frame and garage, \$4500;
169 Lowell St., Redwood City; owner,
Mrs. J. B. LaBarraque; contractor,
E. J. Frohbert.
DWELLINGS (2) frame, basements and
garages, \$4500 each; 272-278 Fulton
St., Redwood City; owner, John Mor-
ton, contractor, Peninsula Construc-
tion Co.

BUILDING PERMITS

SAN JOSE

ADDITION to industrial plant, \$16,950;
Stockton and Lenzen Sts., San Jose;
owner, Muirson Label Co., 251 Stock-
ton St., San Jose; architect, Chas.
McKenzie, Bank of San Jose Bldg.,
San Jose; contractor, Morrison Bros.,
Builders' Exchange, San Jose.
RESIDENCES (6) 5-room, \$3500 each;
Snyder St. near Willis; E. Warren
near Willow and W. Warren near
Willow, San Jose; owner, T. H.
Herschbach, Bank of San Jose Bldg.,
San Jose.
BUSINESS building, one-story reinforced
concrete, \$80,000; The Alameda and
Hanchett St., San Jose; owner, F. E.
Dixon, % De Witt Rucker, 94 N.
First St., San Jose; architect, Jos. L.
Stewart, Claus Spreckels Bldg., San
Francisco; contractor, Leibert &
Trobeck, 155 Stevenson St., S. F.
RESIDENCE, 6-room, \$4000; Schiele St.
near Stockton, San Jose; owner,
Chas. Lamm, 593 First National
Bank Bldg., San Jose.
REPAIR fire loss to residence, \$1950; No.
160 S-Fourteenth St., San Jose; own-
er, E. Northrup, Premises; contrac-
tor, Benj. Quimet, 655 Riverside St.,
San Jose.
RADIO broadcasting towers, \$2600; Nag-
lee St. near Chapman, San Jose;
owner, A. M. O. R. C. College, 1980
The Alameda, San Jose; contractor,
Pacific Coast Steel Co., Rialto Bldg.,
San Francisco.
RESIDENCE, 4-room, \$2500; Greenwood
St. near Newhall, San Jose; owner,
Wm. O'Neil, 50 Sierra Ave., San Jose
RESIDENCE, 6 rooms and garage, \$4000;
2017 23rd St., Sacramento; owner,
Alice P. Powell, Forum Bldg.; con-
tractor, R. C. Kennedy, 5016 13th ave.
RESIDENCE, 5 rooms and garage, \$2500;
1037 56th St., Sacramento; owner,
Klein Realty Co., 1009 8th st.

BUILDING CONTRACTS

BURLINGAME

BUNGALOW, \$11,500; Lot 19 Blk 20,
Myrtle Road, Burlingame; owner, J.
S. Madden, 210 Myrtle Road, Bur-
lingame.
BUNGALOW, \$6000; Lot 8 Blk 7, Van-
couver St., Burlingame; owner, C.
B. McClain, 720 Farrington St., Bur-
lingame.
RESIDENCE, \$7000; Lot 37 Blk 13, Al-
varado St., Burlingame; owner, Roy
Allen, 205 Howard St., Burlingame.
RESIDENCE, \$10,000; Lot 13 Blk 64,
Easton Drive, Burlingame; owner, H.
L. Dietterle, 1327 22nd Ave., San
Francisco; contractor, Charles Ham-
mer, 1524 Floribanda St., Burlingame
RESIDENCE, \$10,000; Lot 12 Blk 64,
Easton Drive, Burlingame; owner, H.
L. Dietterle, 1327 22d Ave., San Fran-
cisco; contractor, Charles Hammer,
1524 Floribanda St., Burlingame.
REPAIRS of fire damage, \$1000; 214
Broadway, Burlingame; owner, Miss
G. Houackova; contractor, J. Callag-
han.
CABINET shop, \$4000; Hatch Alley, Bur-
lingame; owner, Frank Ruhl, 468
Midway, Burlingame.

BUNGALOW and garage, \$5000; lot 20
blk. 1, Vancouver; owner, Chas. 1.
Chapman.
BUNGALOW and garage, \$6000; lot
blk. 13, Adelme, Burlingame; owner,
B. Norberg, 832 Mossell.
RESIDENCE, \$6000; lot 19 blk. 31, Ca-
barello ave., Burlingame; owner, I.
H. and E. Crawford; contractor, P.
J. Hughes, 1041 El Camino Real.
BUNGALOW and garage, \$5200; lot 20
blk. 55, Bernal ave., Burlingame;
owner, I. Sorensen.

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

DWELLING
MILL VALLEY. Carpenter work, etc.
for five-room dwelling and garage.
Owner—Henry C. Klein and wife, 744 12th
Ave., San Francisco.
Architect—A. C. Griewank, 46 Kearns
St., San Francisco.
Contractor—A. C. Griewank, 46 Kearns
St., San Francisco.
Filed Feb. 21, '28. Dated Feb. —, '28.
Enclosed\$637.5
Rough coated637.5
When completed637.5
Usual 35 days637.5
After bills are paid1000.0
TOTAL COST, \$4000.0
Bond, none. Limit, 90 days. Forfeit
none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
Feb. 21, 1928 — ROSS, Margaret
O'Rourke to Wm Dwyer.....Feb. 24, 1928
Feb. 18, 1928—ROSS, Town of Ross to
P R Siegrist Co.....Feb. 16, 1928
Feb. 20, 1928—SAUSALITO, Wm Bres-
chian to Albert Teather.....Feb. 11, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
Feb. 24, 1928—LOT 19 BLK 12 Clark's
Addn to Santa Rosa. Charles E Lee
to Charles D Roberts.....Feb. 17, 1928
Feb. 20, 1928—PART LOTS 173, 174,
175 J J Ludwig's Second Add to Santa
Rosa. Pete Larson to whom it may
concern.....Feb. 20, 1928
Feb. 15, 1928—50X150 in BLK 8, Morgan
Bros. Addn to Santa Rosa. W and
Rhoda Y Dearing to Overton Bros.
.....Feb. 11, 1928
Feb. 15, 1928—LOT 13, Coady Subd.,
Petaluma. Walter Singleton to whom
it may concern.....Feb. 13, 1928
Feb. 17, 1928—LOT 12 BLK 5, Sunnys-
ide Addn to Santa Rosa. Jesse
Bowman to Ubert King.....Feb. 15, 1928

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$4500; No. 44
W-Walnut St., Stockton; owner, E.
B. Gregersen, 525 N-America St.
Stockton; contractor, B. T. Parrson;
1840 E-Poplar St., Stockton.
RESIDENCE and garage, \$5000; No. 115
W-Elm St., Stockton; owner, T. E.
Williamson, 1859 W-Park Ave.
Stockton.
RESIDENCE and garage, \$1800; No. 71
E-Harding Way, Stockton; owner
C. D. Casteline, 930 E-Charter Way
Stockton.
WAREHOUSE, storage, \$3800; No. 940 E
Oak St., Stockton; owner, Gloria Le
Cream Co., Oak and Aurora Sts.
Stockton; contractor, Davis & Pearce,
47 N-Grant St., Stockton.
RESIDENCE and garage, \$6800; No. 122
College Drive, Stockton; owner, E. L.
Morrison, 1605 Argonne St., Stock-
ton; contractor, M. A. Orcutt, 62
N-Central St., Stockton.
ELECTRIC sign, \$1450; No. 118 Eas-
Main St., Stockton; owner, J. F.
Bossi, Premises; contractor, C. J.
Franke, 748 E-Weber St., Stockton
DYING and cleaning plant, \$2000; No.
2012 E-Main St., Stockton; owner,
L. H. McKee, 2012 E-Main St.
Stockton.
RESIDENCES (2) and 2 garages, \$1800
each; No. 2222-2223 S-California St.
Stockton; owner, C. Elves Totter
720 N-California St., Stockton.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

EIDENCE and garage, \$1800; No. 519 E-Pine St., Stockton; owner, C. Elves Totten, 720 N-California St., Stockton.
YING and cleaning plant, \$6000; No. 326 N-El Dorado St., Stockton; owner, Service Cleaners, 541 E-Maple St., Stockton; contractor, Frank Guyon, 211 E-Main St., Stockton.
EIDENCE and garage, \$4000; No. 1676 W-Poplar St., Stockton; owner, C. J. Barton, 1014 N-Wilson Way, Stockton.
EIDENCE and garage, \$3100; No. 1655 S-American St., Stockton; owner, J. D. Gossett, 2719 N-Hunter St., Stockton.

BUILDING PERMITS

RICHMOND

PAGE and garage, frame and plaster, \$500; E 35th St., bet. Esmond and Garvin Sts., Richmond; owner, A. L. Paulson, 825 Macdonald Ave., Richmond.
PAGE and garage, frame and plaster \$700; N Garvin St., bet. 20th and 3rd Sts., Richmond; owner, L. Strickling, 432 S-14th St., Richmond; contractor, Ray Norheim, 1423 Walnut St., Berkeley.

COMPLETION NOTICES

MONTREY COUNTY

Recorded Accepted
Feb. 20, 1928—LOT 7 BLK 178, Fifth Addition to Pacific Grove Retreat. In F Fuller to whom it may concern.....Feb. 18, 1928
Feb. 20, 1928—S 10 FT. LOTS 1 AND 2 and N 50 ft Lots 13 and 14 BLK 20 as per Spring's Second Addition to Salinas City. Floyd A McCollum to J. J. Graham.....Feb. 12, 1928
Feb. 20, 1928—LOT 2 BLK 5, First Addition to Pacific Grove Retreat. Chas. ad Minnie Barrett to whom it may concern.....Feb. 20, 1928
Feb. 20, 1928—BEG. AT A POINT of 34.10 S 59° 43' 15" E from Cor. of 5 Blk 309 Map of Pacific Grove res containing 0.234 acres and bearing portion of Blk 309, Pacific Grove. C Tumbleson to E R Stalter.....Feb. 18, 1928
Feb. 21, 1928—LOT 20 BLK 26, Map of Logg & Eckhart Addition to City of Salinas. Harry G Hansen to whom it may concern.....Feb. 15, 1928
Feb. 21, 1928—SW 100 FT LOT 23 BLK 1 Salinas City. William Mintz to whom it may concern.....Feb. 9, 1928
Feb. 17, 1928—LOTS 8 TO 12 inclusive of 22 inclusive in Blk D, Marina, Monterey County. Marina School District to C D Todd.....Jan. 27, 1928
Feb. 17, 1928—LOT 9 and W ½ Lot 11 k 149, Fourth Addition to Pacific Grove. John R and Jessie M Baker to whom it may concern.....Dec. 1, 1927
Feb. 21, 1928—N GABILAN ST DIST 5 W from NW Main and Gabilan NW Gabilan 60 N at r a 100, at r a 60 S 100. Jack L Burstein and Marion Burstein to A B McElheran.....Feb. 11, 1928
Feb. 23, 1928—LOT 17 BLK 6 GEIL and Kessell's Addn to Salinas. Unner Andersen to whom it may concern.....Feb. 23, 1928
Feb. 24, 1928—LOT 30 BLK 6 MAP No Del Monte Heights, Lakeside Tet. alter F and Jennie Breyer to whom it may concern.....Feb. 23, 1928
Feb. 24, 1928—PTN LOT 8 BLK 4 Live lks Park. W J Sircy and Nora rye to whom it may concern.....Feb. 18, 1928
Feb. 25, 1928—LOT 31 BLK 67, MAP rube Sub, Monterey. Natale and arie Aiello to whom it may concern.....Feb. 24, 1928
Feb. 27, 1928—LOT 1 BLK 56 MAP umel by the Sea. Merle Lewis to whom it may concern.....Feb. 25, 1928
Feb. 27, 1928—LOT 5 BLK 131 Peter's e Sub, Monterey. A Nastovic to whom it may concern.....Feb. 25, 1928

LIENS FILED

MONTREY COUNTY

Recorded Amount
Feb. 27, 1928—LOTS 2 & 4 BLK 2, 7ther's Addn Herman's Survey, New onterey. F O Henizer & Olymtia.

C Henizer and F J Fouriner vs S A Work, \$441.50; and The Work Lum-ber Co.\$398.18

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 24, 1928—LOT 17 Western Pacific Addition, Sacramento. J R and E L Kelly to whom it may concern.....Feb. 23, 1928
Feb. 24, 1928—LOT 23, Boulevard Ter-race, Sacramento. A Lund to whom it may concern.....Feb. 15, 1928
Feb. 24, 1928—LOT 4 W, X, 22nd and 23rd Sts., Sacramento. R C Kennedy to whom it may concern.....Feb. 23, 1928
Feb. 25, 1928—LOT 45, Swanston Acres- Sacramento. R O and E C Carr to whom it may concern.....Feb. 23, 1928
Feb. 25, 1928—LOT 290 Homeland. Charles A Darling to whom it may concern.....Feb. 21, 1928
RESIDENCE, 6-room and garage, \$5000; No. 2548 Tenth Ave., Sacramento; owner, N. H. Lund, 2300 Castro Way, Sacramento.
REMODEL, \$1000; No. 1904 M St., Sacra-mento; owner, Geo. Hollenbeck, California Fruit Bldg., Sacramento; contractor, E. L. Eckley.
REMODEL front, \$1900; No. 822 J St., Sacramento; owner, Stephen Downey, 1300 41st St., Sacramento; contractor, T Schluckebeir.
RESIDENCE, 5-room, \$4000; No. 2516 San Jose Way, Sacramento; owner, C. E. Bennett, 2507 K St., Sacra-mento
GENERAL repairs, \$1700; No. 2921 Y St., Sacramento; owner, J. Carey, Prem.
RESIDENCE, 6 room and garage, \$6000; No. 900 45th St., Sacramento; own-er, P. R. Ojdylke, 2329 E St., Sacra-mento.
MOVING residence, \$2500; No. 2214 H St. to 2309 P St., Sacramento; owner, H. L. Mee, 3115 V St., Sacramento.
CLEANING establishment, \$3200; No. 419 P St., Sacramento; owner, Am Cleaners, Premises; contractor, M. Furtado, 2068 24th St., Sacramento.
RESIDENCE, 5-room and garage, \$3000; No. 1408 52nd St., Sacramento; own-er, E. P. Somer, 1432 52nd St., Sacra-mento.
RESIDENCE, 6-room and garage, \$2500; No. 1840 50th St., Sacramento; own-er, D. C. Jenkins, 4035 V St., Sacra-mento.
ADDITION, \$1450; No. 2609 Podtola Way, Sacramento; owner, John Bella Platt Premises; contractor, T. B. Ward 1908 K St., Sacramento.
FURNITURE, 10-room and garage, \$— No. 2206 V St., Sacramento; owner, L. H. Berg, 517 16th St., Sacramento.
RESIDENCE, 8-room and garafie, \$2800; 1209 W St., Sacramento; owner, W. M. De Ford, 2118½ 9th St., Sacra-mento.
WAREHOUSE, \$5000; No. 1810-1814 22nd St., Sacramento; owner, W. Dreher, North Sacramento.
RESIDENCE, 4-room and garage, \$2000; 217 32nd St., Sacramento; owner, David F. Fox, 1215 15th St., Sacra-mento; contractor, H. A. Robertson
TANK, \$1000; W of Riverside Blvd., Sacramento; owner, Southern Pacific Co. Sacramento; contractor, Callesch & Valentine, Sacramento.
RESIDENCE, 16-room and garage, \$11-000; No. 3300 1 St., Sacramento; own-er, H. L. Mee, 3117 V St., Sacra-mento.
RESIDENCES (2) 5-room and garages, \$3000 each; No. 900-901 Third Ave., Sacramento; owner, Wm. Murrell, 900 V St., Sacramento.
RESIDENCES (2) 5-room and garages, \$3000 each; No. 900-901 McClatchy Way Sacramento; owner, Wm. Mur-cell, 900 V St., Sacramento.
RESIDENCE, 6-room, \$4600; No. 4911 7th Ave., Sacramento; owner, W. Brown 795 I St., Sacramento.
RESIDENCE 5-room and garage, \$3950; No. 4961 7th Ave., Sacramento; own-er, J. A. McMahon, 1115 42nd St., Sacramento; contractor W. P. Cenna
STOPS (4), \$3550; No. 2709 Goethe St., Sacramento; owner, J. A. Baso, 3800 Stockton Blvd., Sacramento; con-tractor, L. Millsbaugh, 3957 U St., Sacramento.
APARTMENT house, 12-room, \$6500; No. 2928-2230 24th St., Sacramento; own-er, Green & Adams, 2017 26th St., Sacramento.

RESIDENCE 5-room and garage, \$4000; No. 948 Sutter Way, Sacramento; owner, Elmer Forbes, 4020 43rd St., Sacramento; contractor, E. R. Beebe 2506 21st St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 23, 1928—LOT 10 BLK 25 FAIR Oaks, Guy and Grace Stewart to whom it may concern.....Feb. 21, 1928
Feb. 17, 1928—W ½ OF E ½ and E ½ of W ½ Lot 2, K, L 3rd and 4th Sts., Sacramento. Emil and Catie Heber to whom it may concern.....Feb. 8, 1928
Feb. 17, 1928—N ¼ LOT 8, S, T, 29th and 30th Sts., Sacramento. Effie P McKee to whom it may concern.....Feb. 15, 1928
Feb. 17, 1928—LOT 21 BLK B, Fair-mond, Theresa Faulkner to whom it may concern.....Feb. 15, 1928
Feb. 18, 1928—LOT 516 Swanson Park Sacramento. Frank Lindzy to whom it may concern.....Feb. 17, 1928
Feb. 28, 1928—LOTS 12, Brier Terrace, Sacramento. E P Somer to whom it may concern.....Feb. 25, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Accepted
Feb. 18, 1928—E ½ OF N ½ LOT 4, L, M, 2nd and 3rd Sts., Sacramento. Sacramento Plumbing Supply Co vs C E Young, Young Roofing Co and Ignacio Lewis.....\$16.13
Feb. 18, 1928—LOT 40 W. & K. Tract No. 32, Sacramento. George L Dan-ner vs M A and Julia Mobley.....\$61.26

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

BUILDING
LOTS 24 AND 25 BLK 345, Fresno. All work for building.
Owner—L. S. and C. N. Jackson and R. H. Dauner, 1633 Fulton St., Fresno Architect—None.
Contractor—R. Pedersen Co., Fresno.
Filed Feb. 25, '28. Dated Feb. 21, '28.
Monthly payments of.....75%
Usual 35 days.....Balance
TOTAL COST, \$24,344
Bond, \$12,172. Surety, —. Limit, 60 working days. Forfeit, \$20 per day. Specifications filed. Plans attached.
DWELLING and garage, \$6750; No. 3345 Huntington Blvd., Fresno; owner, Taylor & Wheeler, Brix Bldg., Fresno.
DWELLING and garage, \$5600; No. 531 Vassar St., Fresno; owner, Taylor & Wheeler, Brix Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Feb. 24, 1928—PART BLOCK 1, Fresno Terrace, Fresno. W Ross Gilbert to whom it may concern.....Feb. 21, 1928
Feb. 24, 1928—LOTS 30 AND 31 BLK 4, Roeding Addition, Fresno. O R Taylor and D B Wheeler to whom it may concern.....Feb. 23, 1928
Feb. 24, 1928—LOTS 19 AND 20 BLK 7, Grove Avenue Park, Fresno. S Espinosa to whom it may concern.....Feb. 23, 1928
Feb. 25, 1928—FRESNO CITY HIGH School District. Theodore Roosevelt High School to C E McMullin; Fresno Marble & Tile Co.; Worley & Co.; Heywood Wakefield (4 completions).....Feb. 23, 1928
Feb. 25, 1928—FRESNO CITY HIGH School District, Fresno. Longfellow Jr High School Gymnasium to Irwin & Hopkins; Jas E Harrison and J G Wilson Corp (3 completions).....Feb. 23, '28
Feb. 25, 1928—FRESNO SCHOOL DIS-trict, Fresno. John Burrows Elemen-tary School to M E Summers and Tyre Bros Glass Co (2 completions).....Feb. 23, 1928

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on March 21, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, as follows:

Humboldt County (I-Hum-1-K), the following reinforced concrete girder bridges:

Across Prairie Creek about 1½ miles north of Orick, a bridge consisting of four 30-foot spans.

Across Lost Man Creek about 3 miles north of Orick, a bridge consisting of one 40-foot span and two 32-foot spans.

Plans may be seen, and forms of proposals, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
R. M. MORTON,
State Highway Engineer.

Dated: February 21, 1928

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, March 27, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the Store Room and Employees' Building, and Employees' Cottages, Veterans' Home, Yountville, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Store Room and Employees' Building is a two-story reinforced concrete building with cement finish floors and tile roof. The two Employees' Cottages are one-story each with reinforced concrete foundations, the balance being frame with plastered exterior and tile roof. Plumbing, Heating and Electrical Work is included.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Store Room and Employees Building, and Employees' Cottages, Veterans' Home, Yountville, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall,
State Architect.
B. B. MEEK,
Director of Public Works.

NOTICE OF TIME AND PLACE OF RECEIVING BIDS FOR EXCAVATOR

Notice is hereby given that the Jacinto Irrigation District intends to purchase one Model 204, P. & H. excavator equipped as dragline, complete with thirty-five foot boom and one-half yard dragline bucket, and hereby invites bids or proposals for the furnishing of same. Said bids or proposal shall be in writing and shall be delivered to the undersigned secretary of the Board of district, at the office of said district situated on lot No. 59 of the Jacinto Unit in said district, not later than the 6th day of March, 1928, at 10 o'clock a. m., at which time and place said board of directors will meet and open said bids or proposals, reserving the right to reject any and all such bids or proposals.

Dated this 21st day of February, 1928.
ROSCOE CALDWELL,
Secretary of Jacinto Irrigation Dist.

MASTER QUANTITY SURVEYOR
For Contractors
GENERALS and BRANCHISTS
ARTHUR PRIDDLE, A. I. Q. S.
693 Mission St., at Third
San Francisco, Calif.
Telephone Douglas 8493
Valuation Engineer
Accredited Appraiser
GENERAL LISTING BUREAU

NOTICE TO BIDDERS

(Lockers and Furniture — Richmond Union High School District)

Notice is hereby given that the High School Board of the Richmond Union High School District will receive sealed bids for various steel lockers and school furniture, for the new Richmond Union High School building, at its office in Lincoln School, 235 Tenth Street, Richmond, California, up to and including the hour of 2:30 o'clock P. M., of Friday, March 16, 1928, at which time and place said bids will be opened.

Specifications for said articles may be obtained from the office of the City Superintendent of Schools, 235 Tenth Street, Richmond, California. The details of bids will be more fully described in the specifications.

The Board reserves the right to reject any or all bids. The bid will not necessarily be awarded to the lowest bidder.

By order of the High School Board of the Richmond Union High School District.

AUBREY WILSON, President
W. T. HELMS, Secretary.
Richmond, Calif., Feb. 13, 1928.

NOTICE TO BIDDERS

(Radio Beacon—Fort Winfield Scott)

Office Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 11:00 a. m., March 1928, for erecting radio beacon at Fort Winfield Scott, California. Information on application.

NOTICE CALLING FOR BIDS

(Outfall Sewer—Town of Hayward)

Pursuant to Statute and to Order of the Board of Trustees of the Town of Hayward directing this notice, Notice hereby given inviting sealed proposals or bids, for the furnishing materials and constructing an addition to the outfall sewer of the Town of Hayward, in accordance to the plans and specifications heretofore adopted for doing said work, and now on file in the office of the Town Clerk of the Town of Hayward, which said plans and specifications are hereby expressly referred to as made a part of this notice the same if set out in length herein.

A copy of said plans and specifications will be furnished upon application either the Town Clerk of the Town of Hayward, or to Jesse B. Holly, Town Engineer of the Town of Hayward, and the person applying for the same will be required to deposit \$5.00 for each copy of such plans and specifications so furnished, which said sum will be returned upon the return of said copies so obtained.

All proposals or bids shall be in writing in the form set out in said specifications and must be accompanied by a check payable to the Town of Hayward, certified by a responsible bank for an amount which shall not be less than ten per cent of the aggregate total of the proposal bid, or by a bond for the said amount so payable, signed by the bidder and two sureties, who shall justify, before an officer competent to administer an oath, double the said amount and over and above all statutory exemptions.

Such sealed proposals or bids shall be delivered to Clerk of said Town of Hayward, on or before Wednesday, the 7th day of March at the hour of eight o'clock P. M., 1928. Proposals or bids will be opened and declared on said day at 2 o'clock P. M. The said Board of Trustees reserves the right to reject any and all proposals or bids.

Dated: February 6th, 1928.
(SEAL) M. B. TEMPLETON,
Town Clerk of the Town of Hayward



BUILDING and ENGINEERING NEWS

Publication Office
147 Mission Street

SAN FRANCISCO, CALIF., MARCH 10, 1928

Twenty eighth Year No. 10
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF.,

MARCH 10, 1928

Twenty-eighth Year No. 10



47 MISSION ST., SAN FRANCISCO
Kearny 1252

TARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
Singles and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

FEBRUARY BUILDING TOTALS

February building operations in San Francisco totaled \$2,398,450 when 676 building permits were issued as compared with 623 permits in February, 1927, and the total was \$3,210,978.

Following is a segregated list of the activities for the month of February,

	Number	Est. Cost
Permits	1	\$ 40,000
Buildings	1	50,000
Structures	14	700,500
Highways	262	1,288,952
Other operations	398	318,998

Total 676 \$2,398,450
February, 1928, activities did not include improvements undertaken by the municipality nor construction undertaken by the State, which in 1927, aggregated 744 for the former and \$256,000 by the latter.

FEBRUARY BUILDING IN L. A.

During the month of February, 1928, the Los Angeles city building department issued 2849 permits with an estimated valuation of \$7,947,728 as compared with 2476 permits with an estimated valuation of \$7,574,354 for the same month last year. For the first two months of the current year Los Angeles building total is \$15,475,419 as compared with \$15,704,103 for the corresponding period in 1927.

LUMBER RECEIPTS GAIN

Lumber shipments into San Francisco during February showed a considerable increase over the shipments for January, figures compiled by marine dept. of chamber of commerce reveal. Last month's shipments amounted to 72,970 ft, compared with 69,735,000 feet for the preceding period. Of the February total of 46,398,000 feet was from Washington and Oregon ports.

EFFECT OF CLIMATE CHANGES ON CONCRETE BRIDGE TOLD

Variations in temperature and in the moisture content cause concrete to change in volume, and these variations produce changes in the shape of an arch rib that are accompanied by direct and bending stresses in the rib and by an overturning thrust upon the piers.

The object of the investigation reported in Bulletin No. 174 of the Engineering Experiment Station of the University of Illinois was to observe the change that took place in a multiple-span arch bridge in order that the magnitude of the changes might be determined, and the measured and computed changes compared.

The bridge on which the tests were made is a six-span two-rib highway bridge and is of the open-spandrel type except that, for the middle three panels of each span, the rib is connected to the deck by means of a spandrel wall.

The observations included the rotation of the piers and the change in the width of the expansion joints for all spans, and, for one rib of one of the spans, they included the change in temperature of the concrete, the rise and fall of points on the arch rib, the rotation of points on the rib, the transverse deformation of the concrete, and the longitudinal deformation of the steel and the concrete. Observations were made on 18 different days distributed over a period of approximately 20 months, including at least one extremely hot day in the summer and one extremely cold day in the winter.

Copies of Bulletin No. 174 may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

STATE ENGINEER IS HIT IN RECENT RULING

The East Bay Municipal Utilities District and other similar districts in California are not subject to the jurisdiction of the state engineer, H. H. Linney, deputy attorney general, so rules. This settles a point at issue for many years.

The ruling was asked by Edward Hyatt, Jr., following an opinion by Speneer Burroughs of the department of public works legal staff and in contradiction to opinion by T. P. Wittscher, attorney for the district.

Hyatt asked the opinion as a means of fixing responsibility for the safety of engineering work undertaken by the East Bay Municipal Utility District in construction of Lancha Piana dam, built to impound water of the Mokelumne river for power, light and water service to nine east bay cities including Oakland, Alameda, Berkeley, Hayward.

In the same opinion, Linney holds that the Los Angeles county flood control district and the United States Bureau of Reclamation are not under Hyatt's jurisdiction, but that he has direct responsibility and control over engineering projects undertaken by irrigation, reclamation, drainage and levee districts.

BETTER BUILDING DRIVE BEGUN IN OAKLAND

Appointment of sub-committees to carry on the "Build Better" campaign in Oakland will be made shortly, according to Emil Fritsch, president of the Oakland Real Estate Board. The campaign is sponsored by the Society of Architects of Alameda County, the Builders' Exchange and the Real Estate Board.

MASTER BUILDERS COMPANY AS NEW SURFACE PROTECTION

It has been an acknowledged fact for years that the beauty and even the life of many brick, stucco, stone or cement buildings are materially affected when rain and atmospheric moisture penetrate the pores.

Not only does the exterior suffer but in some instances there is loss or injury to interior decorations by the penetration of moisture through the entire wall. In addition to the deterioration of the building and decorations, a further loss is sometimes sustained from a reduction in rental value because of such conditions.

A new material affording complete protection from moisture penetration has been developed during the past year by The Master Builders Company of Cleveland.

This material, known as Masterseal, is transparent and colorless. It is applied like paint and penetrates the pores, sealing them against moisture absorption and at the same time retains the full natural beauty and texture of the building material.

Masterseal protects the walls of a building from disintegration, stain, efflorescence, mildewing and other disfigurements. The checking and spalling off of surface particles are primarily due to moisture absorption and by rendering the surface non-absorbent, Masterseal effectually prevents such disintegration.

This new protective material penetrates deeply and is unaffected by temperature. If applied before the original surfaces have been weather-damaged, it preserves their full beauty and texture indefinitely.

A striking demonstration of the water repellent and transparent qualities of Masterseal are obtained by treating part of a blotter with this material and leaving the other part untreated. It is impossible to detect, by sight or touch, which part has been treated until a drop of water is allowed to run down the surface of the blotter held at an angle. The drop of water crosses the treated portion without diminishing in size but is immediately absorbed upon reaching the untreated portion.

TRUSCON STEEL COMPANY NAMES THREE VICE-PRESIDENTS

Appointment of three vice-presidents of the Truscon Steel Co. of Youngstown, Ohio, was made this week by Julius Kahn, president of the company.

C. I. Auten, who began as an engineer with Truscon 17 years ago, has been named vice-president in charge of sales in the standard building division of the firm. Under his charge will be sales of structural steel, steeldeck roofing and transmission structures. This appointment continues Auten's connection with the complete building sales end of Truscon.

M. T. Clark is vice-president in charge of sales of the steel window division, with which he has been identified for the last nine years. Clark was originally an architect, and followed a national interest in industrial standardization into the manufacturing field. He is credited with much of the popularity of standardized steel windows at the present time.

C. D. Loveland, formerly manager of the Pittsburgh district of the Truscon organization is made vice-president with headquarters at Newark, N. J. He will be in charge of Truscon distribution in that state.

CITY OF PORTLAND PLANS TO ADOPT CONTRACTORS' LICENSE LAW

To control the operations of would-be fraudulent building contractors and to facilitate enforcement of the building code, the city council of Portland is considering adoption of a Contractors Licensing Ordinance. The ordinance has been drafted by Portland's city attorney and has the unqualified support of the Portland Chapter, A. G. C. of A., Portland Master Builders Association, Portland Builders Exchange, Oregon Building Congress, Building Material Dealers Credit Association, Master Plumbers Association and the Building Trades Association.

That violations of the building codes of large cities are easily covered up by builders who desire to "skin the job" is the premise on which the ordinance is based. It is pointed out that it is economically impossible for a city building department to employ enough building inspectors to actually prevent violations. The present Portland ordinance carries only minor punishment for violations, while the proposed ordinance gives the city power to take away from fraudulent contractors the right to do business.

The ordinance provides that no construction shall be undertaken by any contractor not licensed by the Bureau of Licenses. The only exception to that rule is that owners "erecting single family or duplex dwellings for his own occupancy" may build such structures without retaining a licensed contractor. **Examination and Surety Bond Required**

Contractors now operating in Portland, under the terms of the ordinance, may obtain licenses without examination within 30 days after the ordinance becomes effective. However, after that date applications for licenses must be made to the Board of Examiners and must post \$2500 surety bond as a "guarantee that applicant will perform and complete" his contracts in accordance with laws and ordinances pertaining thereto, and to indemnify the city on account of any violation of the building code, and to indemnify any person suffering damage by reason of any violation of the building code. It is provided that any person damaged by such a violation may sue and recover on this bond in his own name.

Licenses will be granted for three classes of work, as follows:

Class I. Work which shall include Class II and III and all classes of building construction permitted by the Building Code.

Class II. Work which shall include Class III and shall include reinforced concrete, structural steel or wood frame construction but shall not include the underpinning of foundations with bases over 14 feet below the sidewalk grade.

Class III. Work which shall include structures of two stories and attic but not reinforced concrete or structural steel frame, nor any type requiring wood trusses, nor any type the foundation walls of which rest over 14 feet below sidewalk grade.

After the 30 day period of grace, licenses will be issued only in the class or classes recommended by the Board of Examiners.

In case a licensed contractor wishes to have his license transferred from one class to another, or for a license in an additional classification, he will not be granted the license until the Board of Examiners certify he is qualified for that particular work. A license fee of \$10 is provided for.

Architect, Engineers, Builders on Board
The Board of Examiners, as provided

by the ordinance, is well balanced. The board shall consist of five members—a registered architect, a registered structural engineer, two building contractors, each of whom have had at least five years' experience in the city of Portland, and one building owner who shall have resided in the Rose City during at least five years. Members will serve without pay and shall hold office for one year. The Inspector of Buildings would act as secretary of the board. Members are appointed by the mayor.

Before building permits are issued, it must be established by the owner that the work will be handled by a contractor whose name appears on the list of licensed contractors. Such a provision is the essence of the ordinance. It might be pointed out parenthetically that such a provision places something of a hurdle in front of "fly-by-nights" who so often leave a trail of disappointments and indebtedness in the wake of their operations.

License Suspended for Code Violation

The ordinance has two sections full of sharp and effective teeth. Section 11 provides that "The Inspector of Buildings . . . shall suspend any license issued . . . and stop all work for the wilful violation of any building law or ordinance or for gross incompetency."

Section 12 means a penalty severe enough to furnish food for thought to any prospective violator of Portland's building code. Upon conviction of such violation in municipal court he will be "punished by a fine not exceeding \$500 or by imprisonment in the city jail not exceeding six months, or by both."

Under Section 11 it is further provided that—

"The Inspector of Buildings may file a report of his action in suspending any such license with the Council, stating his reasons therefor, and apply for revocation of the license of any such licensee. A copy of such report and application shall be served upon the licensee and he shall be notified of the time and place of hearing. At such hearing the Council may revoke any such license, refer to the board for recommendation or impose any terms upon its continuation which it may deem advisable. In the event of revocation there shall be returned to the licensee an amount of money equal to the unexpired term of the license and any permit or permits issued by the Bureau of Buildings to said licensee shall be cancelled. No license issued under this ordinance shall be suspended or revoked on account of faulty plans and specifications which may have been issued or approved by the Bureau of Buildings."

It is provided that any building contractor refused certification by the Board of Examiners may appeal to the city council. The council has the power to affirm, overrule or modify the Board of Examiners. It is also provided that "any persons aggrieved by the Inspector of Buildings" may appeal to the city council for relief.

The ordinance is designed to relieve the building fraternity of the depredations of "irresponsibles," to give owners a more substantial safeguard than is now afforded them, and to facilitate enforcement by the Inspector of Buildings of the building laws and ordinances.

The ordinance has been perfected only after exhaustive investigations of other such ordinances throughout the United

States. Authorities have declared that the proposed Portland law is the best and most workable law of its kind. In furnishing the initiative and conducting the research upon which the ordinance is based, the building fraternity of the Oregon metropolis is considered to have made one of the most constructive contributions to the industry in recent years.

SIMPLIFICATION OF BUILDING PRODUCTS PROPOSED

The following data is compiled by the Department of Commerce, (Commerce Standards), 316 Commerce Bldg., Washington, D. C., as regards building material products:

HOLLOW METAL AND KALAMEIN DOORS—On January 25 there was held at the Department of Commerce, a joint general conference on the simplification of Hollow Metal and Kalamein Doors. This conference adopted two simplified practice recommendations, one for Hollow Metal Doors, and one for Kalamein Doors. The one for Kalamein Doors provides for four stock door sizes, five semi-stock single doors and five semi-stock sizes for resultant pairs, while the recommendation for Hollow Metal Doors provides for nine sizes for single doors and the same for the resultant pairs.

FORM DIMENSIONS FOR CONCRETE RIBBED FLOOR CONSTRUCTION. The tentative simplified practice recommendation on this subject, which was circulated to a representative group of manufacturers, distributors and users, has met with general approval. Such criticisms as have been offered are minor in character. It is expected that a general conference will be held about the middle of March.

HOSPITAL PLUMBING FIXTURES. At the third preliminary conference of manufacturers of vitreous china, so porcelain and enamelled iron plumbing fixtures, held at the Department of Commerce on January 11th, a tentative simplified practice recommendation was developed covering overall dimensions of hospital plumbing fixtures. The schedule is now before the hospital authorities for their review and recommendation as to definite sizes and heights considered best adapted to hospital use.

PORCELAIN PLUMBING FIXTURES.—The meeting of the manufacturers' advisory committee on porcelain plumbing held January 10, decided to distribute mimeographed copies of grading rules and marking of culls to wholesalers of plumbing equipment and to put the rules into effect immediately. The committee also agreed upon a dimension standard for porcelain stall urinals. It planned to complete dimensional standardization and simplification at the meeting scheduled for March 6-7, at the Bureau of Standards.

TILE PRODUCTION IN DECEMBER

December, 1927, production of floor and wall tile, as reported to the Department of Commerce by 36 concerns (including in earlier months 2 additional firms now out of business) making nearly 80 per cent of the total volume of floor and wall tile production in 1927, totaled 4,489,932 square feet, as compared with 5,017,532 in November and 5,311,099 in December, 1926. Total production for 1927 was 63,562,480 square feet as compared with 64,884,833 square feet in 1926.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

ENGINEERS NAME OFFICERS

Selection of officers and approval of bylaws and constitution marked the formal appearance of the Engineers Club, a new service organization of the San Joaquin Valley, replacing the public work formerly carried on by the Fresno Chapter American Association of Engineers. Chris P. Jensen was chairman of the club. Officers elected were headed by Dr. H. C. Burbridge of the Fresno State College as president; Frank Rantsma, vice president; J. W. Jordan, secretary-treasurer.

The board of directors includes M. C. Posen, Max Enderlein, Charles Kaupke, Al Hall and J. M. Buswell. The meeting was held at the Hotel Fresno.

S. F. BUILDERS' EXCHANGE TO ELECT DIRECTORS MARCH 19

March 19 is the date set for the annual election of officers of the San Francisco Builders' Exchange. Alphabetical nominations, as reported by R. J. H. Forbes, secretary of the exchange, are as follows: C. M. Allred, home builders; Fred C. Baymiller, structural steel; S. F. Cohn, painters and decorators; W. M. Cashmire, roofers; W. W. Dennis, common brick manufacturers; Nat A. Dickey, press brick and terra cotta; R. J. H. Forbes, concrete contractors; W. H. Grise, building material dealers; Emil Herberg, masons and builders; E. M. Hildley, unorganized; Jos. B. Keenan, marble dealers; Chas. A. Koenig, hardwood floor contractors; Al. Kindt, ornamental iron; H. T. Lynch, contracting painters; J. D. McGilvray, cut stone contractors; Alexander Mennie, contracting plasterers; J. E. Mullen, cabinet manufacturers; James H. Pinkerton, plumbing and heating; D. J. Sullivan, underplumbers and housemovers; M. S. Sprague, asbestos contractors; W. C. Thieleman, reinforcing steel dealers; Geo. A. Wiedel, sheet metal contractors; A. H. Wilhelm, general contractors.

BICK MAKERS URGE CO-OPERATION IN CLAY PRODUCTS FIELD

Greater co-operation among the burned clay products industries through the medium of a national council of the ceramic industries, to be composed of the officers of the several associations, was urged at the convention, Feb. 13-17, of the Common Brick Manufacturers' Association by B. Mifflin Hood, Atlanta, Ga. Hood is a leading brick and tile manufacturer in the South. The plan he suggested was heartily approved.

Closer relationship and better understanding between the hollow tile and common brick industries, to the end that their differences may be amicably adjusted in conference rather than fought out in a keenly competitive way, was encouraged in a talk by T. W. Murphy, Masonville, Ohio, hollow tile manufacturer.

The progress being made in Detroit in the development of new uses for common brick and new ways of winning back lost ground from its competitors was discussed by Charles A. Bowen. Basement walls, soundproof partitions in office buildings, closer contact with bricklayers and architects and the introduction of skintiled brickwork in residence construction were the features stressed. The value of cost finding and the efficiency of the new system being offered through the association was discussed by F. Gardner Long, Boston, and E. E. Higrim, Chicago.

STOCKTON BUILDERS' EXCHANGE ELECTS OFFICERS

Stockton Builders' Exchange elected its Board of Directors for the ensuing year on March 5, giving W. F. O'Keefe, retiring president, complimentary votes. The Board elected Edward Grogan, president, and Earl Lewis, secretary. Plans were discussed for the state convention to be held in Stockton April 27 and 28.

The new Board consists of Edward Grogan, Earl Lewis, Charles Frederickson, Walter Lanen, Harry Reynolds, J. F. Ecker, George Little, Ernest Seiler, John Perry, O. H. Chain and L. S. Peletz.

ORSECON ARCHITECTS TO CONSIDER LICENSE AND FIVE-DAY WEEK

Joseph Jacobberger, A. I. A., is chairman of the special committee appointed by the Oregon Chapter, A. I. A., to represent that organization in negotiations involving the five-day week problem, and the proposed licensing of contractors at Portland. With Mr. Jacobberger are serving John V. Bennes and C. D. James.

Other committees appointed by Jamieson Parker, chapter president, are:

Publicity—W. G. Purcell, Harry Herzog, A. Glenn Stanton.

Membership—O. R. Bean, John V. Bennes, Morris Whitehouse.

Professional Practices and Competitions—Joseph Jacobberger, O. R. Bean, C. D. James, W. G. Holford, J. G. Wilson. Public Buildings—W. G. Holford, Morris Whitehouse, Fred A. Fritsch.

Legislative—John V. Bennes, J. G. Beach, Harry Herzog.

Exhibition—A. Glenn Stanton, Fred A. Fritsch, Herman Brookman.

Building Laws—C. H. Wallwork, Fred S. Allyn, F. T. Webber.

Educational—Folger Johnson, E. F. Lawrence, Walter E. Church.

RELIEF FOR POTTERY INDUSTRY SOUGHT AT WASHINGTON

An effort to bring to the attention of the United States Tariff Commission the difficulties of the pottery industry, due to increasing importations, will be made orally after the conferencees had an informal conference held February 18 in the office of Representative Eaton (Rep.) of North Plainfield, N. J. Those attending the conference were Representatives Watson (Rep.) of Langhorne, Pa., and Murphy (Rep.) of Steubenville, Ohio, and William Burgess of Morris Heights, Pa., former member of the Tariff Commission.

Announcement of the meeting was made orally after the conferencees had agreed it was hopeless at this time to remedy the situation by legislation. The Department of Treasury also will be asked to determine the difference between the cost of pottery production in the United States and abroad, particularly Japan and France, the countries competing with the United States.

It was explained that the customs duty on pottery could be increased 50 per cent under the flexible provision of the act of 1922, but the Tariff Commission procedure in recommending a change to the President is based on costs of production. A recent agreement with France permits French potters to decline to open their books. American potteries feel, it was stated, that a 50 per cent tariff, however, could not give them the relief sought.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 718, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1499-S ASSISTANT CHIEF ENGINEER, mechanical or mining graduate with at least 10 years experience in design, construction maintenance and operation of mining, quarrying, handling, conveying, milling or manufacturing machinery and equipment. Must have energy, loyalty and tact, and administrative ability. Experience in copper mining, cement or plaster industry, non-metallies or chemical production valuable. Salary open. Employer confidential. Loc. West. Apply by letter.

R-1474-S ENGINEER DRAFTSMAN, prefer C. S. graduate with hydraulic experience, 28-38 years. Must be able to turn out A-1 drawings and tracings for record maps, etc. \$225 a mo. Location San Francisco.

R-1491-S SALES ENGINEER, to carry on a research and statistical department for a welding organization, and to do indirect selling through contact with key men in the field. Must be physically active, technically trained, good personality and free to travel. Salary and expenses. Apply by letter with photograph. Headquarters West.

X-4288 RESIDENT ENGINEER, to supervise or have charge of engineering work on banana plantation in Central America. Salary \$300-\$400 a month. Apply by letter. Hdqts. East.

R-1502-S OFFICE ENGINEER, preferably college graduate with experience on various municipal and county improvements. Salary \$200 or more depending upon ability. Apply by letter. Location Southern Calif.

LUMBER COMPANY LOSES IN CONTRACT SUIT

Verdict of \$10,430 was returned in favor of R. C. Crawford of Mt. Shasta against the Pioneer Box & Lumber Company of Mt. Shasta in the superior court at Yreka, March 1. The suit was brought for the sum of \$15,000 on account of a logging contract that Crawford alleged was breached by the lumber company.

BILL TO SELECT DEVICE TO PREVENT GRADE CROSSING ACCIDENTS

A bill introduced in the House by Representative Newton of Minnesota proposes the appointment of a board of engineers to select the most practical device for the prevention of grade crossing accidents and to supervise its testing and installation. This board is to have five members, two appointed by the interstate commerce committee of the Senate and the remaining three by the interstate and foreign commerce committee of the House. The bill provides that after the most practical appliance has been selected and tested the board shall supervise its installation on the railroads, requiring them to install a certain percentage of their total mileage each year and imposing fines in cases of delay or failure.

SACRAMENTO BUILDING PERMITS

Permits issued in Sacramento for building operations during the month of February amounted to \$581,211, bringing the total for the first two months of the year to \$956,330. More than half of the month's total was represented in homes. There were permits issued for fifty-eight one-family homes totaling \$225,533.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

The chief problem confronting the construction industry at present, said Truman Morgan, president of the F. W. Dodge Corporation, of New York, at the annual meeting of the National Association of Builders' Exchanges, held in Miami, Fla., is the closing of the gap in a satisfactory volume of business between little or no profit and a fair return on the investment. This can be done, he declared, by gathering in council, bridging competitive differences and jealousies and working harmoniously in the interests of common business. Another talk along the same lines was made by Gen. R. C. Marshall, Jr., of Washington, manager of the Associated General Contractors of America, whose subject was "Co-operation in the Building Industry."

Estimates have it that 3,000,000 to 4,000,000 are unemployed in the United States at present. The American Federation of Labor states that the latter figure means that 40 per cent of the potential labor power of the country is out of work, whereas 20 per cent is normal for this time.

The Division of Simplified Practice, Department of Commerce, announces that the standing committee on sand lime brick has reaffirmed the existing simplified practice schedule without change for the two calendar years 1928 and 1929. A survey conducted prior to the revision meeting indicated that the average degree of adherence to the recommendation was 77.6 per cent.

The selling price of the Spring Valley Water Co. is \$39,047,595. That is the value fixed by the company on its properties as of January 1, 1927. The San Francisco Board of Supervisors had inquired what the price would be in case the city wants to buy the company.

Half of the lumber carrying intercoastal steamship lines have signed an agreement creating a separate freight conference to govern lumber shipments. Ten lines have signed within the last 10 days. This was disclosed by M. J. Wright, vice president of the Luckenbach line, acting as spokesman for the companies. The separate conference is known as the U. S. intercoastal lumber conference. It is understood the conference will be independent of the intercoastal freight conference. The lines will be heavily bonded and there will be severe penalties for violation of agreements. The conference will have rate making and police powers and entry to the books of the companies, according to tentative outlines of organization.

California's highway needs are greater than political pressure and the people of the State greater than the individual, declared B. B. Meek, State director of public works, in addressing a meeting of district engineers of the State Division of Highways. Engineers who are not willing to subscribe to these policies—to assist in keeping politics out of road construction—were invited by Meek to tender their resignations. "The first objective of the department," declared Meek in outlining the \$50,000,000 program, "is to make all highways in the State travelable and to expand the roads in the vicinity of populous centers to meet the heavy traffic demanded."

San Mateo county supervisors have granted a franchise to Albert Mansfield, Redwood City Attorney, representing other interests, to construct a toll bridge

over San Francisco Bay from Candlestick Point, San Mateo County, to the foot of Webster St., Alameda County. The bridge will be 45,000 feet long and 40 feet wide and so designed as to widen the same to 80 feet. The estimated cost is placed at \$27,500,000.

Los Angeles leads Pacific Coast cities in building operations for the month of February, just closed, with a total of \$7,947,728, with Seattle following with a total of \$4,126,795. San Francisco was third with \$2,398,450, Portland next with \$1,503,225, and Oakland fifth with \$1,349,380.

TRADE NOTES

William S. Gregg, former district representative for the Monolith Portland Cement Company in San Francisco, has been transferred to Los Angeles. He will be succeeded in this district by J. W. Glassick with headquarters at 741 Monadnock Bldg., San Francisco.

T Merritt Concrete Products Co. and the California Concrete Products Co. are preparing articles of incorporation and have purchased land for a plant in Oakland. The concerns have purchased 5.17 acres of land in Sixty-sixth avenue below East Fourteenth street at a cost reported to be \$26,000. Initial outlay for improvements will total about \$25,000. The Merritt Co. now operates plants at San Jose and Centerville.

The width of Gyplap sheathing boards has been changed from 32 inches to 24 inches, according to an announcement from the United States Gypsum Company. As now manufactured, each board is 24 inches wide, eight feet long and one-half inch thick. A need for greater convenience in handling the boards, before and during application, made necessary the new width. In the new size, it is possible for the carpenter to carry two boards at a time, one under each arm. The new size also makes application easier. The one-half inch gypsum core of Gyplap sheathing, the tongue-and-groove edges and the waterproof surfacing remain unchanged.

Gladding, McBean & Co. has declared the entire year's dividend of \$3, payable in regular monthly installments of 25 cents payable March 1 on record of February 20 and on similar dates for each succeeding month. Net earnings of the company for 1927, according to preliminary figures from sources close to the company, were about \$6 a share on 207,689 shares of no par common outstanding as against about \$24 a share on 51,922 shares of old stock outstanding in 1926. The company does not make public income statements and balance sheets.

A merger of the Jewell Steel & Malleable Co. of San Francisco, the Pacific Malleable Castings Co. of Oakland, and the Western Malleable Co. of Los Angeles, is announced. The merger, financing of which was accomplished through the Bank of Italy, involves approximately \$1,500,000, and gives the three companies control of the malleable iron casting business of the Pacific coast.

The Atlas Lumnite Cement Co., 125 Broadway, New York City, has recently issued a folder showing the advantages claimed for their high alumina cement, Lumnite, for cold weather construction. In this bulletin they play the fact that Lumnite gains strength within 24 hours equal to that gained by portland cement concrete in 28 days, and that the setting reaction liberates a sufficient quantity of heat to give still further cold weather protection. This bulletin discusses the properties of the material, gives directions for its use in cold weather, and illustrates a number of jobs that were done in winter with aid of this special cement.

Genfire Steel Co., Youngstown, Ohio, has just published a new booklet entitled "Steel Joists," which contains complete information, including loading tables on two new types of steel joist construction—the plate girder and the T-joists. The booklet contains 39 pages and the drawings, descriptions and tabular matter are of such nature as to be of practical value to architects, contractors and engineers.

P. Grassi & Co. ("Travertite") World, Inc. of San Francisco, has filed articles of incorporation. The company is capitalized for \$500,000. Directors are: W. Lowery, Carlo Tricoli, S. Andriano, Ren Turco and D. Buddington.

Bodinson Manufacturing Co. of San Francisco, manufacturers of labor saving devices for contractors, has opened a branch office in the Ray Building, Oakland, to handle business in the East Bay section. Frank Leach will be in charge of the Oakland office.

Suspension of the corporation license of the El Dorado Slate Products Co., \$400,000 Sacramento concern, has been ordered by J. M. Friedlander, corporation commissioner. The order was issued because of the company's inability to furnish a 1927 financial statement. It claimed it suspended business last year.

STOCKTON BUILDERS STORM CAPITAL IN INTEREST OF STATE MEETING

A delegation from the Stockton Builders' Exchange, headed by Wm. O'Keefe, president of that body, attended the first meeting of the reorganized Sacramento Builders' Exchange last Tuesday evening. The Stockton delegation is making a tour of various exchanges to promote interest in the next regular meeting of the California State Builders' Exchange to be held in Stockton in April. The exact date of the meeting has not yet been determined.

S. M. Williams of the Associated General Contractors of America delivered the principal address at the meeting. His topic was "Loose Credits." Other speakers included Earle G. Lloyd, secretary of the Associated General Contractors of Northern California; M. Williamson of the Granite Construction Co. of Watsonville; Wm. O'Keefe, John Burke, J. F. Wilson and T. P. Scollan.

The Stockton delegation in addition to Mr. O'Keefe, consisted of Ernest I. Seiler, R. E. Fraser, W. J. Lanen and John Burke.

The announcement of L. Patterson, secretary of the Sacramento Builders' Exchange, that 40 new members were added to the membership roll since reorganization of the exchange, was greeted with much applause.

HERE — THERE —
EVERYWHERE

erced's hollow tile ordinance which would have restricted the use of the material to partition walls within the fire lines, has been rescinded by the city council. The ordinance was killed with only one dissenting vote, that of L. J. C. Winer.

Ynn S. Atkinson of Los Angeles has been appointed a member of the board of control of the National Association of Builders' Exchanges for the year 1928-19. Announcement of the choice was made by President Robert L. Reisinger of Milwaukee, chosen as the head of the national organization at the recent convention in Miami.

las Hauling and Grading Co., 243 Day street, and Patterson & Koster Iron Works, 280 Thirteenth street, have been elected to membership in the San Francisco Builders' Exchange. Victor D. Riso, architectural modeller, 2227 East Fourteenth street, Oakland, has filed his application for membership, which will be considered at the next meeting of the directors.

adding, McBean & Co., manufacturer of vitrified clay pipe, has filed a protest with the Burlingame city council against a proposed uniform plumbing ordinance in which it is specifically declared that the use of nothing but cast iron pipe be mandatory. The ordinance, however, has not yet been considered by the council.

ALONG THE LINE

he fourteenth annual convention of American Association of Engineers will be held in El Paso, Texas, June 4, 5 and 6, 1928, with headquarters in Hotel Hussman.

Los Angeles Gas & Electric Co. will expend \$8,500,000 for physical development during 1928, covering gas and electric service extensions, new generator stations, sub-stations, power lines, etc. In addition to the steam generating plant at Seal Beach will absorb the largest single item in the budget.

Under a resolution passed by the Senate on Feb. 24, President Coolidge was asked to invite the International Association of Road Congresses, with a present membership of 45 nations, to hold its sixth convention in the United States either in 1929 or 1930. At the same time the Senate passed a resolution calling for American participation in the second In-American Conference on Highways to be held in Rio de Janeiro next July.

W. E. Schirmer, architect, formerly located in the Thayer Bldg., Oakland, has moved to larger quarters at 700 Twenty-first street, Oakland.

Earl Rienda, 35, assistant county engineer of Napa county, was probably fatally injured March 6 when he fell head first into the Napa river, six miles north of Napa. His skull was fractured. He was single and a graduate of the University of California.

Bernard Tanklage will operate from 62 Oak Grove avenue, San Francisco, under the firm name of Liberty Mill & Cabinet

\$5,000,000 CONN VALLEY WATER
PROJECT MAY BE STARTED MAY 1

Construction of the \$5,000,000 Conn Valley water project designed to carry water from Napa county to industries in Contra Costa county is scheduled to begin May 1. It is expected to be completed by December 1.

The project, unofficially said to be backed by the four big oil companies, Standard, Associated, Shell and Union, and the Spreckels sugar refinery, will develop one of the largest natural water storage sites in this section of the state, capable of storing 9,000,000,000 gallons.

Situated in Conn Valley, northeastern Napa county, three constantly flowing

streams, Conn, Chiles and Sage creeks, will empty into the reservoir, forming a lake that will back up a distance of eight miles.

This water will be distributed by a 35-mile pipe line to industries along Carquinez Straits and, the backers state, a share will be reserved for farm irrigation in Napa county and for state institutions located in this section.

Utilities and Service, Inc., the company building the project, reports it has practically overcome opposition from farmers by assuring them that adequate water would be available for their needs.

TO IMPROVE STATUS OF ENGINEERS
IN U. S. PUBLIC HEALTH SERVICE

A bill designed, among other things, to give the sanitary engineers in the U. S. Public Health Service the same status as that of members of the medical profession in the service is before Congress. The bill (H.R. 11026) has been given the unanimous approval of the House committee on interstate and foreign commerce and is favored by both the President and the Secretary of the Treasury. Similar legislation has been urged for several years past by the American Public Health Association, the National Health Council, the American Federation of Labor, the Chamber of Commerce of the United States and other national organizations.

Support is being given to the bill by committees of the American Society of Civil Engineers and the American Public Health Association, both of which are headed by George W. Fuller, consulting engineer, 170 Broadway, New York City. These committees desire the backing of other engineering societies as

well as of individual engineers, through appeal to their respective Congressmen as well as any other Senators or Representatives of their acquaintance. Sponsors of the bill have summarized its more important provisions as follows:

1. Co-ordination of federal health work will be brought about through the detail of officers of the Public Health Service to other departments to co-operate in the conduct of their health activities.

2. Additional divisions in the Hygienic Laboratory are authorized to meet the requirements of public health research. This will permit of some public health engineering research.

3. Public health officers may be assigned to educational and scientific institutions for special studies, and facilities of the Hygienic Laboratory are made available to health officials and other scientists. A national advisory health council will be created representing various branches of the public health profession. Sanitary engineering undoubtedly will be represented on this council.

RENTAL DEMAND DETERMINES PRICE
OF BUILDING — SAYS RESEARCH BUREAU

"The determination of the price of a building is not primarily based on the cost of producing it," according to a recent statement of the Economic Research Bureau, of the American Bond and Mortgage Company. The statement continues:

"This is a matter which lies within the workings of the law of supply and demand. This law as applied to building operations is based upon rental demand. From a true weighing of this factor can be determined the value of the property to a buyer who is to treat it as an investment.

"In investigating the safety of a mortgage investment on a completed structure the amount and permanency of the earnings is of the greatest importance. Thus it becomes necessary continually to make accurate surveys not only of the amount of occupancy in all localities where mortgage issues are secured but of general conditions as well.

"In investigating a construction mortgage issue however, it is always necessary for the mortgage house to get bids and to figure costs very closely in order that they may determine the exact amount, which the owner is to put into the building. It is necessary in such cases to know exactly, day by day, what are the fluctuations in material prices

and how large a percentage of labor cost goes to make up the total building.

"For some time it has been the fact that labor constitutes a larger percentage of the total building costs than does the material.

"At present 62% is given as the amount of labor going into the cost of an average house. The foundation work constitutes 36% of the total and 29% goes for the labor and materials classified as carpentry. Plumbing stands at 10% and the heating equipment at 9%. The figure of 8% is given for hardware, and 6% for the materials and labor of painting. The lowest item in the cost is that of lighting fixtures which stands at 2%.

"It must be remembered that these percentages are averages and are modified by various types of buildings.

"For instance—A hospital or a hotel requires a much larger percentage of plumbing than does the usual dwelling. Other materials vary likewise if the building is to be fireproof. However, the cost of labor does not vary so widely with a variation in the type of structure.

"In determining the price at which a building should sell, location will be found to be an important consideration. For the more centrally located a property is the greater is the land value and the more permanent are the rentals."

KLAMATH RIVER HIGHWAY BRIDGE PROBE IS ORDERED BY THE STATE

Sweeping and thorough State investigation of the "faulty construction" of the Klamath river highway bridge, built during the administration of former Governor Friend W. Richardson, has been ordered by Bert B. Meek, state director of public work.

At the same time it became known that a legislative investigation also looms as a probability. A demand for such an inquiry is gaining momentum steadily in legislative circles, it was declared.

Three Parties Involved

The State, the Federal Government, and F. Rolandi, San Francisco contractor, who built the disputed structure at Requa, Del Norte county, are the three parties involved in the tangle. Meek characterized the situation as "a mess inherited from the previous administration," and declared that every effort will be made to put the responsibility where it belongs.

Two significant facts are pointed out in connection with the controversy:

1. Although the structure was formally dedicated by Governor Richardson in May, 1926, it has never been accepted by the state highway commission and will not be accepted until the pending investigations have been completed.

Rejected by U. S.

2. The bridge has been definitely rejected as "not acceptable" by the United States government, through Dr. L. I. Hewes, chief eng., Western region or Bureau of Public Roads, and therefore the State must give back \$121,000 in Federal aid.

Engineers for the government and also a special engineering committee appointed by the State, have reported the bridge "defective in workmanship." The cement work on the main arch spans were defective, the engineers charged, deep fissures undermined the concrete, and there were many other flaws.

Construction Scored

The engineering committee appointed by the State included Henry D. Dewell, San Francisco consulting engineer; Chas. E. Andrew, now State bridge engineer, at that time bridge engineer for the state of Washington, and Merrill Butler,

city bridge engineer for Los Angeles.

They reported:

"The bridge is defective in workmanship and therefore not in accordance with the contract plans and specifications. The bridge is defective to the extent that repairs are urgently necessary if hazard is to be eliminated and the bridge saved from rapid deterioration. On account of the defective and porous concrete, the bridge is likely to suffer a serious deterioration. The bridge as repaired will not be a 100 per cent structure."

This report was made in September, 1926. The Federal engineers had reached much the same conclusions. So in October, five months after Governor Richardson had "dedicated" the bridge, the State took the entire job out of Rolandi's hands.

At that time Rolandi had been paid \$317,685. Highway engineers estimated that an additional \$68,938 was technically due him, but that the State had been obliged to pay \$69,473 for repair work, materials and other costs on the new structure, which made the contractor, if anything, a debtor of the State.

Roland, however, asserts that the highway engineers during the Richardson administration unduly interfered with him and failed to give proper direction and supervision to the work. He has filed a claim for \$328,704, which would boost his total allowance to a figure well over \$600,000, and it is expected that litigation will result.

Costs Mount

Roland's original contract was for \$391,740. The bridge was built under a \$225,000 appropriation by the 1923 legislature, supplemented by State highway funds and the Federal aid money, which must now be rebated. Should Roland's claims be allowed, the total cost to the State will be more than \$700,000. More than \$400,000 already has been spent, including payments to Rolandi, repairs, and an additional \$19,921 for rip-rap work.

The bridge is now in good shape, in the opinion of Dr. Hewes.

"But the government has definitely decided not to share in the cost," he added. "That is final."

HUNT PROCESS OF CURING CC CRETE WIDELY USED

Since graduating from the "test class" shortly over a year ago, the "Hunt process" of curing concrete has had a phenomenal growth, according to a resumé of activities for the year 1927 just released by the Morris Engineering Co. licensee for this method in California.

Approximately eight million square feet of cement concrete pavement has been cured by the Hunt process in Southern California during the past year. A short time ago much curiosity and interest was in evidence when the crews came up with a compressor and a spray to put a coat of "black stuff" on wet concrete. At that time it seemed ridiculous and rather foolish, the principle being so entirely revolutionary, now thousands of people daily pass many paving jobs without a remark because the "new method" has been accepted practically as standard procedure in Southern California.

Almost every large contractor is using the Hunt process exclusively, company reports, and many of the smaller ones, as well as many cities have made a direct specification of the system of curing concrete.

The Morris Corp. reports that the popularity of this revolutionary process is spreading over the United States; that work is in progress in Washington, Utah, Arizona and Texas; and that the increasing interest there is no doubt other states will be using the Hunt process when their paving season of this spring.

PASO ROBLES HOT SPRINGS HOTEL IS SOLD

Paso Robles Hot Springs Hotel has been sold by the Fleishhackers to a syndicate of San Francisco capitalists headed by Joseph Greenbach, general contractor. The purchase price is said to run in the neighborhood of \$300,000. The hotel property consists of 1100 feet of highway frontage and approximately 100 town lots. The new owners plan to remodel the hotel, sell off the subdivision and construct store buildings along the highway.

ALAMEDA BUILDING

Permits for 19 buildings were issued at Alameda during February, the structure costing \$135,450. Alteration permits totaled 50 for improvements costing \$920, bringing the total money expended for the month to \$191,370.

PAPER AND BOX BOARD PLANT PROPOSED AT FRESNO

An investigation into the possibility of establishing a paper and box board mill in Fresno for the utilization of lumber wastes is to be investigated by a special committee of the San Joaquin Regional Advisory Council of the California Development Association, it is announced by Chas. S. Knight, industrial director. The subject is to be the principal topic at a meeting to be held at Fresno March 22 at which time representatives of the Sugar Pine Lumber Co. is expected to furnish statistics on lumber waste available for by-product development in such a plant.

STEEL INSTITUTE TO MEET

The Concrete Reinforcing Steel Institute will hold its fourth annual meeting at Biloxi, Miss., on March 19 to 21, at which Dr. John T. Holdsworth, University of Miami, will give an address on "Coming Changes in Industry." They will also be addresses on "New Architectural Possibilities of Reinforced Concrete" and "Fabricating and Selling Concrete of Reinforcing Steel." The joint building code will be submitted by the committee on engineering practice. M. A. Reemtsma, Tribune Tower Bldg., Chicago, is secretary.

BUILDING MATERIAL PRICES ON DECREASE

Wholesale prices in January averaged slightly lower than in December, according to information collected in representative markets by the Bureau of Labor Statistics of the U. S. Department of Labor. The bureau's weighted index number, computed on prices in the year 1926 as the base and including 550 commodities or price series, stand at 96.3 for January compared with 96.8 for December, a decrease of one-half of 1 per cent. Compared with January, 1927, with an index number of 96.6, a decrease of one-third of 1 per cent is shown.

Comparing prices in January with those of a year ago, as measured by changes in the index number, it is seen that farm products and hides and leather products were considerably higher, while foods, textile products, and house-furnishing goods were somewhat higher. Fuel and lighting materials, owing to large decreases in bituminous coal, coke and petroleum products, were 17 per cent cheaper than in January, 1927. Small decreases are shown for metals and metal products, chemicals and drugs, and miscellaneous commodities, with a larger decrease for building materials.

Index Numbers of Wholesale Prices by Groups and Sub-groups of Commodities.
(1926=100.0)

Groups and subgroups—	Jan. 1927	Dec. 1927	Jan. 1928	Purchasing power of the 1926 dollar in January (cents)
Building materials	97.5	90.4	90.8	110.1
Lumber	96.7	88.0	88.5	113.0
Brick	98.3	92.2	92.4	108.2
Cement	98.3	96.5	96.5	103.6
Structural steel	102.1	91.9	91.9	108.8
Paint materials	96.0	86.5	88.0	113.6
Other building materials	97.7	92.5	92.7	107.9

Building News Section

APARTMENTS

Sub-Bids Being Taken.
OPERATIONS Cost, \$15,000
SAN FRANCISCO. NW Fell and Webster Streets.
Operations and additions to present apartment building (add eight 2-room apts.)
Owner—Dr. A. Morton, 1055 Pine St., San Francisco.
Architect—A. H. Knoll, 222 Kearny St., San Francisco.
Bids are being taken by the foreman of the premises.

Sub-Bids Being Taken.
APARTMENTS Cost, \$300,000
SAN FRANCISCO. W Stockton St., bet. Pine and California St., San Francisco.
Two-story and basement class A apartment house (approx. 80 2 and 3-room apts.)
Owner and Builder—Marcus Marcussen, 485 California St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Preparing Working Drawings.
APARTMENTS Cost, \$430,000
SAN FRANCISCO. Pacific Heights Dist. Twelve-story class A apartment building (216 rooms, 3, 4 and 5-room apts. and 2 8-room roof apts.)
Owner—Withheld.
Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
Specifications are as follows: Two high speed passenger elevators; one freight elevator; electric dumb waiter; automatic steam heating plant; electric refrigeration; incinerators; colored bath fixtures; colored tile; built-in showers; toughout covered wall; hardwood floors throughout.

Preparing Working Drawings.
APARTMENTS Cost \$500,000
SAN FRANCISCO. SW California and Laguna St.
Thirteen-story class A apartment bldg., 268 room subdivided in 4, 5 and 7-room apts.
Owner—American Investment Co.
Architect—Albert H. Larsen, 447 Sutter st.
Previously reported for 6-story bldg. Plans will be ready for bids about April 1.
Specifications are as follows: Two high speed elevators, one freight elevator, electric dumb waiters, automatic steam heating plant, electric refrigeration, incinerators, colored bath fixtures, coiled tile, built-in showers, canvas covered wall, hardwood floors throughout.

Plans Complete
APARTMENTS Cost \$60,000
OAKLAND, Alameda Co., Cal., Oakland ave. near Harrison st.
Three-story frame and stucco apartment building, 24 2-room apts.
Owner—E. Field.
Architect and Mgr. of Cons.—E. J. Field, American Bank Bldg., Oakland.
Sub-bids will not be taken for about days.

Sub-Contracts Awarded.
APARTMENTS Cost, \$80,000
SAN FRANCISCO. NW Fell and Buchanan Streets.
Three-story frame and brick veneer apartment building (21 2-room and 6 3-room apts.); electric refrigeration; elevator; steam heating, etc.
Owner—Fred Hechter, 1424 Balboa St., San Francisco.
Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.
Concrete Reinforcing Steel, Wood Form— California Concrete Co., 8 Avery St., San Francisco.
Plumbing— J. J. McLeod, 1246 Golden Gate Ave., San Francisco.
Construction will be started immediately.

Sub-contracts Awarded
APARTMENTS Cost \$600,000
SAN FRANCISCO, NE Pacific ave. and Laguna sts.
Six-story steel frame and concrete apartment building, 50 4 and 5-room apts.
Owner and Builder—Marian Realty Co., 110 Sutter st., S. F.
Architect—Douglas Stone, 354 Hobart st., Oakland.
Concrete— L. Vannucci, 1875 San Bruno ave.
Steam heating system— H. E. Silva, 169 Eddy st.

Structural Steel Contract Awarded
APARTMENTS Cost \$600,000
SAN FRANCISCO, N Pacific ave. 80 E Laguna st.
Six-story steel frame and concrete apartment bldg.
Owner and Builder—Marian Realty Co., 110 Sutter st., S. F.
Architect—Douglas Stone, 354 Hobart st., Oakland.
Structural steel— Western Iron Works, 141 Beale st.

Contract Awarded.
APARTMENTS Cost, \$25,000
SAN FRANCISCO. S Filbert St. 100 E Polk St.
Three-story frame and stucco apartment building (6 apts.)
Owner—A. Boetano.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—R. Polioiti, 597 Greenwich St., San Francisco.

Owner Taking Bids.
APARTMENTS Cost, \$12,000
SAN FRANCISCO. NE Seventeenth and Ord Streets.
Two-story frame and stucco apartment building (4 3-room apts.)
Owner—Milton Lepitch, 798 Larkin St., San Francisco.
Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.

SAN LEANDRO, Alameda Co., Cal.—Cooper Bros., San Leandro, having plans completed and construction will be started at once on 2-story store and apartment building in E-14th st. near Peralta ave. Will be 45 x 108 ft. with two stores on ground floor and apartments above.

Plans Being Prepared.
APARTMENTS Cost, \$100,000
SAN FRANCISCO. Location Withheld.
Ten-story class A apartment building.
Owner—Withheld.
Architect—N. W. Sexton, DeYoung Bldg., San Francisco.

Plans Ready For Bids March 8th.
APARTMENTS Cost, \$110,000
SAN JOSE, Santa Clara Co., Cal. N. First St. and Hensley Ave.
Two-story frame and stucco apartment building (34 apts.)
Owner—C. W. Hovson.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Plans To Be Prepared
APARTMENTS Cost \$65,000
RICHMOND, Contra Costa Co., Cal., NE MacDonald ave. and 4th st.
Three-story apt. and store bldg. (type of construction not decided).
Owner—W. T. Esteb.
Architect—W. H. Weeks, Hunter Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 So 1st st., San Jose.

Sub-Contract Awarded.
APARTMENTS Cost \$300,000
SAN FRANCISCO, W Stockton st. bet. Pine and California.
Ten-story and basement class A apartment house (approx. 80 2 and 3-room apts.)
Owner and Builder—Marcus Marcussen, 485 California st., S. F.
Architect—H. C. Baumann, 251 Kearny st., San Francisco.
LUMBER— J. H. McCallum, 748 Bryant street.
MILLWORK: Pacific Mfg. Co., Mo-nadnock Building.
GRADING Sibley Grading & Teaming Co., 165 Landers st.
GLASS: W. P. Fuller Co., 301 Mission street.

Sub-Bids Being Taken.
APARTMENTS Cost, \$12,000
CAPUCHINO MANOR, San Mateo Co., Cal. Near Millbrae.
Two-story frame and stucco store and apartment building (3 stores and 2 apts.; Studio type).
Owner and Builder—F. A. Oehm, Capuchino Manor.
Architect—Grimes & Scott, Balovich Bldg., San Mateo.

Plans Being Prepared.
APARTMENTS Cost, \$—
SAN FRANCISCO, Jackson St., between Buchanan and Laguna Sts.
Twelve-story class A steel frame and concrete apartment building.
Owner—A. Penziner, 750 Taylor St., San Francisco.
Plans by Owner.

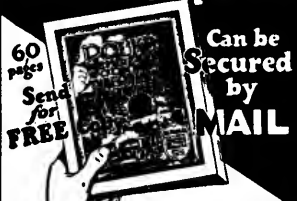
Sub-Contracts Awarded.
APARTMENTS Cost, \$75,000
SAN FRANCISCO. NE Gough St. and Fern Ave.
Six-story and basement reinforced concrete apartment building.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Plans by Owner.
Plumbing— Henry Ernst, 551 Hayes St., San Francisco.
Steam Heating— C. Petersen Co., 390 6th St., San Francisco.
As previously reported, concrete awarded to L. Le Lucca, 666 Mission St., S. F.; reinforcing steel to Soule Steel Co., Rialto Bldg., S. F.; structural steel to Golden Gate Iron Works, 1541 Howard St., San Francisco.

BONDS

SANTA BARBARA—Board of education sets March 27 to vote bonds of \$600,000 to erect new schools. The project will include two new elementary schools, a new junior high school and the erection of a manual arts building and a gymnasium at the Le Cumbre junior high school.

MARTINEZ, Contra Costa Co., Cal.—Election will be held shortly in Bradford Island School Dist. to vote bonds of \$3000 to finance erection of frame school building.

Orders -Inquiries



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

SACRAMENTO, Cal.—Election will be held March 21 in Washington School District to vote bonds of \$8500 to finance school improvements. Trustees of district are: Geo. F. McDonnell and Jas. Hamilton.

HUNTINGTON PARK, Cal.—School trustees decide to re-submit question of issuing bonds of \$265,000 to erect new grammar schools. The proposed issue was defeated by a small majority at the election of February 14.

TULARE, Tulare Co., Cal.—Bonds of \$43,000 voted in Tipton Grammar School District to finance erection of an annex to the present school including auditorium and 3-classrooms.

SALINAS, Monterey Co., Cal.—Until April 2, bids will be received by county supervisors for purchase of \$60,00 bond issue of Chualar Union District; proceeds of sale to finance erection of new school.

SAN ANSELMO, Marin Co., Cal.—San Anselmo School District sells \$35,000 bond issue for premium of \$3364; proceeds of sale to finance school improvements. S. Heiman, 57 Post St., San Francisco, architect.

MARTINEZ, Contra Costa Co., Cal.—Until April 2 bids will be received by county supervisors for purchase of \$45,000 bond issue of Walnut Creek School Dist.; proceeds of sale to finance erection of additions to present school.

BAKERSFIELD, Kern Co., Cal.—Election will be held April 13 in Kern County Union High School District to vote bonds of \$300,000 to finance school improvements. Money will be apportioned as follows: \$55,000 for Shafter school; \$55,000 for McFarland school and the remainder for a 14-classroom building and completion of shop building at high school. The buildings will be furnished from funds already on hand. Chas. Biggar, Bank of Italy Bldg., Bakersfield, architect.

BAKERSFIELD, Kern Co., Cal.—Election will be held March 30 in Buena Vista School Dist. to vote direct tax of \$12,000 to finance school improvements. Trustees of district are: Mrs. R. Hall and Edna Hart (clerk.)

RAVENSWOOD, San Mateo Co., Cal.—Election will be held March 30 in Ravenswood School District to vote direct tax of \$7,000 to finance school improvements. Trustees of district are: J. C. Neifing, E. R. Bain and Edith C. Follett.

CHICO, Butte Co., Cal.—Board of Education, Chas. H. Camper, city supt. of schools, contemplates a bond issue or direct tax of \$125,000 to finance school improvements including 7500 wing for Paradise school; new Chico Vecino School, \$35,000; first unit of new school in Thirteenth Subdivision, \$35,000; construction of new wing at Central School; new auditorium and gymnasium for high school.

CHURCHES

Contract Awarded
CHURCH Cost \$17,000
SAN FRANCISCO, W 17th ave., S Ulloa street.
Alterations and additions to church Bldg. Owner—Roman Catholic Archbishop of S. F., 1100 Franklin st.
Architect—Leo J. Devlin, Pacific Bldg.
Contractor—Barrett & Hilp, 918 Harrison St.

SACRAMENTO, Cal.—Church of the Nazarene, 28th and S sts., will campaign for funds to finance construction of a modern edifice. Rev. I. W. Young is pastor.

DELANO, Kern Co., Cal.—L. J. Fiala, Delano, at approx. \$35,000 awarded cont. to erect frame and stucco church for Roman Catholic Archbishop at Main and 12 sts; will be approx. 150 by 175 ft., seating approx. 350 persons.

TURLOCK, Stanislaus Co., Cal.—Bids are being received by Mission Church Congregation, A. E. Sandberg, chairman of building committee, to erect \$50,000 edifice on Beulah Park site. Will be one story and basement; tabernacle type;

seating 1500. Other members of the building committee are: C. A. Hillberg, Anton Swanson, Oscar Lindberg, J. E. Wallstrom and Rev. Rood, the pastor. G. N. Hilburn, architect, Turlock. Plans obtainable from architect and chairman of building committee.

Contract Awarded.
ADDITION Cost, \$10,000
LIVERMORE, Alameda Co., Cal.
Addition to present church building (6 classrooms, parlor and kitchen, 26 x 58 feet).
Owner—Livermore Presbyterian Church.
Architect—Francis W. Reid, 1630 Josephine St., Berkeley.
Contractor—Neils Jensen, College and J Sts., Livermore.

Completing Plans.
CHURCH Cost, \$50,000
FRESNO, Fresno Co., Cal.
One-story brick church building with tile roof.
Owner—Trinity Methodist Episcopal Church.
Architect—Rollin S. Tuttle, California Bldg., Oakland.
Bids will be taken shortly.

Completing Plans.
ALTERATIONS Cost, \$50,000
SACRAMENTO, Sacramento Co., Cal.
Twenty-seventh and N Sts.
Alterations and additions to present church building (Bible school addition; auditorium, etc.)
Owner—First Christian Church.
Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
Bids will be taken in about two weeks.

Preparing Working Drawings.
CHURCH Cost, \$27,000
STOCKTON, San Joaquin Co., Cal. Miner and Sierra Nevada Sts.
Two-story brick church (Sunday school and social rooms).
Owner—East Side Presbyterian Church.
Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.
Plans will be ready for bids in three weeks.

Plans Being Prepared.
CHURCH Cost, \$50,000
SACRAMENTO, Cal. Tenth St., bet. O and P Sts.
Two-story brick church building (auditorium seating capacity 450).
Owner—First Evangelical Church.
Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.

LIVERMORE, Alameda Co., Cal.—N. Jensen, Livermore, has contract for additions to Presbyterian Church involving enlargements to Sunday school quarters, kitchen addition 12 x 20 ft., etc. A heating plant will also be installed.

NOGALES, Ariz.—Clinton Campbell of Phoenix was awarded a contract at about \$100,000 for the erection of a new church at Nogales, Ariz., for the Catholic Church. It will be of brick construction. Lescher & Mahoney, Phoenix, are the architects.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

FACTORIES & WAREHOUSES

Contractor Taking Sub-Figures.
WAREHOUSE Cost, \$12,000
OAKLAND, Alameda Co., Cal. Sixteen and Campbell Streets.
One-story reinforced concrete warehouse.
Owner—Drayage Service Corp., 18th and Peralta Sts., Oakland.
Plans by Owner.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, SE Harrison and Mariposa Sts.
Alterations and additions to present factory building.
Owner—Sussman & Wormser, Fourth and Berry Sts., San Francisco.
Architect—Dodge A. Riedy, 821 Mark St., San Francisco.
Contractor—E. J. Brown, 666 Mission St., San Francisco.

SAN FRANCISCO—San Francisco aircraft concern is conferring with A. Dudley, secretary-manager of Sacramento Chamber of Commerce regarding sites for proposed aircraft manufacturing plant.

Contract Awarded
WAREHOUSE Cost \$25,000
OAKLAND, Alameda Co., 2310 Peralta
Rebuilding hollow tile and brick warehouse (recently destroyed by fire).
Owner—East Bay Iron & Metal Works
Plans by Chas. Wagner, Hobart Bldg., S. F.
Contractor—Spivock & Spivock, Hobart Bldg., S. F.
Sub-bids will be taken in a few days.

COLUSA, Colusa Co., Cal.—Rosenberg Bros. & Co., 334 California St., San Francisco, seek to sign growers in this district for crops to assure the erection of a \$50,000 prune packing plant. The project is yet in a preliminary stage.

Construction Started.
WAREHOUSE Cost, \$15,000
UNION STATION, Napa Co., Cal. Near Napa.
One-story frame warehouse, 184x54 feet.
Owner—Earl Fruit Co., 85 Second St., San Francisco.
Engineer and Contractor—James Ludlow, 460 Montgomery St., San Francisco.

Contract Awarded
WAREHOUSE Cost \$80,000
SACRAMENTO, Cal. Nineteenth and streets.
Three-story reinforced concrete warehouse.
Owner—California Almond Growers, 1800 O St., Sacramento.
Architect—Engineering Dept. of owner.
Contractor—H. W. Robertson, 2633 Geary ave., Sacramento, \$96,642.

Other bidders were:
Lindgren & Swinerton, S. F. \$97,35
Herndon & Finnigan, Sac. 104,17
Mathews Const. Co., Sac. 111,15
K. E. Parker, S. F. 112,47
Vogt & Davidson, S. F. 117,50
Holdener Const. Co., Sac. 130,66

STOCKTON, San Joaquin Co., Cal.—Gilmore Oil Co., 2423 East 28th St., Vernon, will erect a \$20,000 oil distribution station on Santa Fe tracks in Church st. bet. Edison and Baker sts.

Plans Being Figured.
FACTORY Cost, \$20,000
SAN FRANCISCO, Twentieth and Florida Streets.
One-story reinforced concrete factory building.
Owner—City of Paris.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

SAN FRANCISCO—The Investment Properties Inc. (Walter H. Sullivan, Alexander Bldg.) have purchased the property on the southeast corner of 25th and Potrero ave. A 1-story reinforced concrete building is now on the property and the new owners will erect an additional story to the building and install a railroad spur track in front of the premises. The Western Stopper Co., 2701 18th st., will take a lease on the building upon completion of same.

St-Contracts Awarded.
MG. PLANT Cost, \$23,417
BERKELEY, Alameda Co., Cal. Parker St., bet. 5th and 6th Sts.
O and part two-story steel and brick manufacturing plant (12,000 sq. ft.).
Owner—Bunting Iron Works, 820 Parker St., Berkeley.
Architect—Benjamin G. McDougall, 353 Sacramento St., San Francisco.
Contractor—Lawton & Vezey, 354 Hobart St., Oakland.
Sheet Metal Work—Berkeley Sheet Metal Works, 829 Bancroft Ave., Oakland.
Rolling Doors—Chas. Christiansen, 354 Hobart St., Oakland.
Stl Sash and Glass—Federal Glass Co. Plumbing—Feary & Moll, 1075 40th St., Oakland.

Structural Steel Contract Awarded.
WAREHOUSE Cont. price \$53,750
OAKLAND, Cal., 1st and Market sts., adjoining present warehouse.
O—story steel frame and brick warehouse.
Owner—Howard Co., 1st and Market sts., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—James T. Walsh, 608 Woodland, San Leandro.
Structural steel—Moore Drydock Co., ft. of Adeline st., Oakland.
Sub-bids on all other parts of the work are now being taken.

St-Bids Being Taken.
FACTORY Cost, \$40,000
SAN FRANCISCO, SW Fifteenth St. and Potrero Ave. (140x100 feet).
TV—story reinforced concrete factory and warehouse building.
Owner and Builder—James H. Hjul, 128 Russ Bldg., San Francisco.
Pls by Owner.
Leases—International Harvester Co.

SOUTH BEND, Wash.—Puget Sound Dredge & Dredging Co., Central Bldg. Seattle, at approx. \$1,000,000 awarded contract by Willapa Pulp & Paper Mills to erect pulp mill at South Bend with capacity of 60 tons.

FRESNO, Fresno Co., Cal.—San Joaquin Regional Advisory Council of the California Development Association, Chas. S. Knight, industrial director, is investigating the possibilities of establishing a saw and box board mill in Fresno for utilization of lumber wastes. The subject will be the topic at a meeting in Fresno March 22 when representatives of the Star Pine Lumber Co. are expected to furnish statistics on the lumber waste available for by-product development in such a plant. Possibilities of establishing a cotton textile mills for the manufacture of shirts, corduroys and overalls will also be investigated.

FRESNO, Fresno Co., Cal.—Green Mountain Dairy, 453 Fresno st., has purchased property in R st. bet. Tulare and Kn sts., and will have plans prepared for a modern dairy.

SACRAMENTO, Cal.—Southern Pacific Co. 65 Market st., San Francisco, contemplates erection of quarters to house stores department to replace Stores Nos. 4 and 5. Plans for the work are yet to be prepared.

Contract Awarded
FACTORY Cost \$10,000
OAKLAND, Alameda Co., W Magnolia St. N 26th.
O—story factory bldg.
Owner—Laher Auto Spring Co., 26th and Magnolia st., Oakland.
Architect—None.
Contractor—Austin Co. of Calif., 244 Kearny st., S. F.
Building permit applied for.

St-Contracts Awarded
FACTORY Cost \$14,000
SAN FRANCISCO, Folsom and Rogers sts.
T—story and mezzanine floor class C reinforced concrete factory building.
Owner—W. C. Johnson.
Engineer—James H. Hjul, 128 Russ st., San Francisco.
Plumbing—Rodni-Recker, 445 10th st.
Electrical work—Coney Kuchel.

ELSFYVILLE, Lake Co., Cal.—The Kesyville Sun is planning the erection of a reinforced concrete newspaper plant, to be 1-story in height, 16 x 36 ft. Adjoining this will be another 1-story concrete building, to contain store

space, offices and a 4-room apartment. P. Q. Robinson will be the contractor. This building will replace the one recently destroyed by fire.

Mill Work and Electrical Contracts Awarded
WAREHOUSE Cost \$65,000
OAKLAND, Alameda Co., Cal., E Peralta st. bet. 24th and 26th sts.
O—story reinforced concrete warehouse and office bldg. and concrete bunkers.
Owner—W. H. Ford.
Architect—J. C. Buckbee, Chicago, Ill.
Engineer—H. J. Brunnier, Sharon Bldg., S. F.
Contractor—P. J. Walker Co., Sharon Bldg., S. F.
Mill work—Lannon Bros. Planning Mill, 5th and Magnolia sts., Oakland.
Electrical work—C. L. Rosenberg,
Other awards reported Feb. 23.

Sub-contracts Awarded
WAREHOUSE Cont. price \$99,180
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
T—story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Clinton Construction Co., 923 Folsom st., S. F.
Mill work—Lannon Bros. Mfg. Co., 5th and Magnolia sts., Oakland.
Plumbing—Scott Co., 113 10th street, Oakland.

As previously reported, steel forms awarded to Ransome Co., Oakland; steel sash to U. S. Metal Products Co., 339 10th st., S. F.; reinf. steel to Badt-Falk & Co., 74 New Montgomery st., S. F.

GARAGES

Sub-Bids Being Taken.
GARAGE Cost, \$25,000
SAN FRANCISCO, N Clement E Twenty-first Avenue.
T—story reinforced concrete garage building.
Owner—Frederick W. Schmidt, 2744 Balboa St., San Francisco.
Architect—Felix Spitzer, 251 Kearny St., San Francisco.
Contractor—J. M. Johnson, 2744 Balboa St., San Francisco.

Plans Being Figured
ADDITION Cost, \$12,000
BERKELEY, Alameda Co., Cal. Addison Street.
O—story concrete and brick veneer addition to present garage building.
Owner—Withheld.
Architect—B. Reede Hardman, First National Bank Bldg., Berkeley.
Contractor—E. F. Henderson, 2114 Shattuck Ave., Oakland.
Mr. Henderson is the only contractor figuring the plans.

GOVERNMENT WORK AND SUPPLIES

PUGET SOUND, Wash.—Following bids received by Bureau of Yards and Docks, Navy Department, under Spec. 5474, for chimney at Puget Sound: Rust Engineering Co., 311 Russ St., Pittsburgh, item 1, \$11,283; 2, \$10,340; Elder Eng. Co., Stack Bldg., Los Angeles, item 1, \$9985; Weber Chimney Co., McCormick Bldg.,

Chicago, item 1, \$9490; J. F. Bachelor, 1138 N. L St., Tacoma, Wash., item 1, \$13,392; A. M. Quist, 310 Hoge Bldg., Seattle, Wash., item 1, \$16,438; J. V. Boland Constr. Co., 721 Olive St., St. Louis, item 1, \$10,298; Heinie Chimney Co., 111 W. Washington St., Chicago, item 1, \$11,663.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., rejects bids for Diesel oil purification plant, under Spec. 5517, at Pearl Harbor and the work will be done with yard labor. Lump sum bids previously reported. Following is complete summary of bids received:

Item 1a, work complete; 1b, do, alt. D; 2, add to 1a and 1b for 2 25,000-gal. auxiliary issue tanks; 3, add to 1a and 1b for 1 25,000-gal tank; 4, add or deduct from 1a and 1b based on concrete block exterior; 5, add or deduct from 1a and 1b based on structural steel framing; 6, deduct from 1a and 1b for omission of one 8000-gal tank; 7, deduct from 1a and 1b for the omission of a concrete wall; b steps; c, grading.

J. L. Young Engineering Co., Honolulu, T. M., item 1a, \$33,100; 2a, add \$9475; 3a, add \$5600; 4a, add \$400; 5a, \$350; 6a, \$1000; 7, deduct \$1135.
 Grace Bros. & Co., Honolulu, H. T., item 1a, \$28,953.50; 1b, \$28,953.50; 2a, add \$5464; 2b, add \$5464; 3a, add \$2732; 3b, add \$2732; 4a, deduct \$300; 4b, deduct \$300; 6a, deduct \$800; 6b, deduct \$800; 7 a, \$750; b, \$750.

Austin Engineering Co., 566 South Blvd., New York City, item 1a, \$21,500; 1b, \$21,900; 2a, \$4500; 2b, \$4500; 3a, \$3200; 3b, \$3200; 4a, deduct \$100; 4b, deduct \$100; 5a, deduct \$175; 5b, deduct \$175; 6a, \$400; 6b, \$400; 7, a, \$400; b, \$100; c, \$150.

SAN DIEGO, Cal.—Following is a list of prospective bidders to erect seaplane hangar at San Diego under spec. 5570 bids to be opened by Bureau of Yards and Docks, Navy Dept., Washington, March 28 Newport Contracting and Engineering Co., Law Bldg., Newport News, Va. McClinton-Marshall Co., 200 Scott St., Baltimore. Ironclad, Inc., 817 14th St., N. W., Washington. Virginia Bridge & Iron Co., Roanoke, Va. Maryland Metal Building Co., Baltimore. Donnell-Zane Co., Inc., 225 Broadway, New York City. Austin Engineering Co., 566 South Blvd., New York City. W. H. Rupp, Lexington Building, Baltimore. American Bridge Co., Wilkins Building, Washington. Blaw-Knox Co., Box 15, Pittsburgh. Truscon Steel Co., Washington. Shoemaker Bridge Co., Pottstown, Pa. Union Iron Works, Los Angeles, Calif. Holorib, Inc., 1515 Fairfield Ave., Cleveland, Ohio. Johns-Manville Corp., Los Angeles, Calif. O. A. Meehlin, Barr Building, Washington. Anchor Corrugating Co., 145 W. 45th St., New York City. Belmont Iron Works, Philadelphia. Stupp Bros. Bridge and Iron Co., 915 Olive St., St. Louis. Phoenix Bridge Co., Phoenixville, Pa. David Lupton's Sons Co., Philadelphia.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8596, Mare Island and Puget Sound, hydraulic winches and parts. March 20.

Sch. 8617, western yards, screwdrivers. March 20.

Sch. 8618, western yards, stamping figures and letters. March 20.

Sch. 8620, western yards, brass, bronze and copper. March 20.

BURLEY, Idaho—Until March 28, bids will be received by U. S. Bureau of Reclamation, Burley, to const. approx. 6-mi. of open drains and drainage structures incident thereto. The work is located near Burley, Idaho, on the Twin Falls branch of the Oregon Short Line Railroad. The work includes 143,000 cu. yds. of drain excavation, 200 cu. yds. of excavation for structures, 1500 cu. yds. of backfill about structures, 30 cu. yds. of concrete in structures, placing 1500 lbs. of reinforcement bars, erecting 2000 ft. b. m. of timber in structures and laying 1500 lin. ft. of corrugated metal pipe. Plans obtainable from above office.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

COCO SOLO, C. Z.—Until April 4, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 5569, to erect for seaplane hangar at the naval air station, Coco Solo, C. Z. The hangar will have concrete footings on piles, curb walls, structural steel trusses and frames, steel sash, metal covered swinging doors, steel doors sliding on track, insulated steel roof deck with built-up roofing galvanized steel siding, roof ventilators, hanging and valley gutters, galvanized steel pipe downspouts and leaders, concrete pavement, floor and ramps and storm drains. Plans obtainable from Bureau at Washington.

WASHINGTON, D. C.—(By Special Wire.)—Robert E. McKee, 108 W. 6th st., Los Angeles, at \$161,000 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct pier at foot of E st., San Diego; will be 65x430 ft., in addition to constructing bulkhead 185 ft. long; also 8000 cu. yds. dredging and filling. Pier construction will involve 350 reinf. concrete, 20x20 in., 46 to 62 ft. long; 1500 cu. yds. reinf. conc.; 100 tons reinf. steel; 2600 lb. 8x24-in. reinf. conc. sheet piling; 3000 sq. ft. timber (relieving platform); 100 crossosot fender piles; 140 untreated piles. Tracks, water and electrical supply system, bitts, timber work, etc., also included in project. Lange and Bergstrom, San Diego and Los Angeles, next low at \$166,000 and Wurster Construction Co., San Diego, third low at \$169,600. A complete summary of bids received on this project will be published shortly.

SAN DIEGO, Cal.—Until 11 A. M., Mar. 28, bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for constructing steel covered structural steel frame hangars, 200x160 feet, with lean-to's 120x20 ft., on two sides, at the naval operating base, air station, San Diego. Plans and specifications No. 5570 may be obtained from Public Works Officer, 11th Naval District, Foot of Broadway, San Diego, on deposit of ten dollars.

MARE ISLAND, Cal.—Following is a complete list of bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for refrigerating equipment for Mare Island (Spec. 5523) (three low bidders previously reported): Baker Ice Machine Co., Inc., 351 S. Anderson st., Los Angeles, item 1, \$2,691; 2, \$2536.

Frigidaire Corp., 5755 Landersian ave., Oakland, item 1, \$1378.50; alternate, \$2,797.2; and \$3,212.20.

Cyclops Iron Works, San Francisco, item 1, \$1919.

Pacific Ice Machine Co., 822 Folsom st., San Francisco, item 1, 62203; 2, \$2078. York Ice Machinery Corp., 2221 Arch st., Philadelphia, item 1, \$2416; 2, \$2226. J. D. Love, 315 9th st., Oakland, item 1, \$1700.

Parker Ice Machine Co., San Bernardino, item 1, \$2398.

SAN FRANCISCO—Until March 16, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for painting buildings at Letterman General Hospital. See call for bids under official proposal section in this issue.

HONOLULU, T. H.—Until May 1, 1928, bids will be received by U. S. Engineer's Office, Honolulu, for constructing breakwaters in Kahuili Harbor, T. H. Further information on application here or at U. S. Engineer's Office, 401 Customs-house, San Francisco.

HALLS AND SOCIETY BUILDINGS

SOQUEL, Santa Cruz Co., Cal.—Architect Lee Esty, 177 Lighthouse St., Santa Cruz, is preparing plans for \$20,000 lodge building to be erected for Odd Fellows Lodge; site is 38½ by 104 feet. Concrete (Thermolite) block construction.

MARTINEZ, Contra Costa Co., Cal.—Lodge hall of Odd Fellows suffers \$1500 fire loss, fully covered by insurance. Rather than repair the building it is thought the lodge will erect a new structure.

Sub-contracts Awarded

CLUB HOUSE—Cont. price \$238,000
OAKLAND, Alameda Co., Cal., Broadway and Clifton st.

Two-story frame and stucco clubhouse. Owner—Claremont Country Club (Mr. Watson in charge).

Architect—Geo. W. Kelham, 315 Montgomery st., S. F.
Engineer—H. J. Brunner, Sharon Bldg., S. F.

Contractor—Taylor & Jackson, 270 Teahama St., San Francisco.

Grading—Ariss-Knapp Co., 961 41st st., Oakland.

Concrete—J. H. Fitzmaurice, 351 Hobart st., Oakland.

Structural steel—California Steel Co., Hobart Bldg., S. F.

Lumber—Sunset Lumber Co., foot Oak st., Oakland.

Contractor Taking Sub-Figures

FRATERNITY HOUSE—Cost, \$10,000
BERKELEY, Alameda Co., Cal., Warring St. near Dwight Way.

Three-story and basement frame and stucco fraternity house.

Owner—Delta Upsilon, 2335 Warring St., Berkeley.

Architect—Lester H. Hibbard, Marsh Strong Bldg., Los Angeles.

Contractor—H. J. Christensen, 519 Ray Bldg., Oakland.

EUREKA, Humboldt Co., Cal.—Eureka Womans Club conferring with Board of Education seeking to acquire old Winship school to be remodeled for a community clubhouse and auditorium. Mrs. J. M. Jones is president of the club.

WOODLAND, Yolo Co., Cal.—Architect Carleton Pierson, Woodland, has completed plans and bids are being received by St. Luke's Episcopal Church to erect additions to parish house; estimated cost \$10,000. Addition will comprise a combined Bible school, hall and social room and will be located on the Second street side of the church property. Plans are obtainable from the Building Committee at the church.

Plans Being Completed

CLUB—Cost \$15,000

MADERA, Madera Co., Cal.
Remodel old church building for American Legion club building and community auditorium.

Owner—County of Madera.
Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno.

Low Bidder

CLUB BLDG.—Cost \$40,000

SAN FRANCISCO, Wawona st. and 30th avenue.

Two-story brick or reinforced concrete club building.

Owner—Junior League.
Architect—Ashley & Evers, 525 Market st., S. F.

Low Bidder—J. S. Sampson, Monadnock Bldg.

HOSPITALS

OLIVE VIEW, Los Angeles Co., Cal.—All bids received by Los Angeles County Supervisors Feb. 27th to erect concrete hospital building units Nos. 1 and 2 at

the Acute Tuberculosis Hospital at Olive View were rejected and plans will be revised and new bids advertised by John Simpson & Co., 701 Antonio St., Los Angeles, submitted low bid on general contract at \$297,000. Edwin Bergstrom, Myron Hunt, Pierpont Davis and Sumner P. Hunt and William Richards, architect.

LOS ANGELES, Cal.—Karl W. Macdonald, architect, applies for building permit to erect a two-story, 100-room Class A reinforced concrete hospital, by 135 feet, at 1369 Henry St. for County of Los Angeles. Cost, \$200,000.

Lathing and Plastering Contract Awarded—Cost approx. \$350.
BERKELEY, Alameda Co., Cal., Broadway east of Greek Theatre and north of Stadium.

Two, three, four, five, six and seven-story Class A girls' dormitory (Bowles Dormitory).

Owner—University of California.
Architect—Geo. W. Kelham, 315 Montgomery st., San Francisco.

Contractor—T. J. Walker Co., Sharon Bldg., S. F.

Lathing and plastering—S. F. Plaster Co., 872 Folsom st., S. F.

OAKLAND, Cal.—County Supervisor order installation of nine new elevators in Highland (County) Hospital. The elevators were installed about a year ago at a cost of approx. \$50,000. G. Gross is county clerk. Plans for 1 hospital buildings proper were prepared by Architect Henry H. Meyers, Kibler Bldg., San Francisco.

REDLANDS, San Bernardino Co., Cal.—Architect Myron Hunt, 1107 Hibernia Bldg., completing plans for the hospital to be erected at Redlands for Redland Community Hospital Association; or story designed in the Spanish style; low concrete wall construction with stucco exterior. Cost, \$150,000.

FORT BIDWELL, Modoc Co., Cal.—Two bills introduced by Representative Harry Lane Englebright of California seeking construction of two buildings at the Fort Bidwell Indian school, have been passed by the House and sent to the Senate. One bill seeks \$30,000 appropriation for hospital and \$30,000 for school.

SAN LUIS OBISPO, Cal.—County Supervisors will shortly order plans for proposed community hall building to be erected at Old Folks' Home, operated in the county.

FRESNO, Fresno Co., Cal.—County Grand Jury recommends to supervisor the erection of new buildings for the peoples' home and reconstruction of portion of county general hospital. D. J. Barnwell is county clerk.

HOTELS

PASO ROBLES, San Luis Obispo Co., Cal.—It is reported that the Paso Robles Hot Springs Hotel has been sold by the Fleischhackers to a Syndicate of San Francisco capitalists, headed by Joseph Greenbach, Hearst Bldg. The hotel has a frontage of 1100 feet on the highway and approximately 100 town lots. It

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

reported that the hotel will be remodeled and several stores will be constructed along the highway. At this time, definite arrangements have not been made.

Plans Completed.
HOTEL
VALEJO, Solano Co., Cal. Sonoma and Capitol Streets.

Twelve-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).

Owner—La Casa De Vallejo (Harry Hendlerly and Isadore Meyers).
Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Meeting will be held next week at which time a date will be set for calling bids.

PORTLAND, Ore.—John L. De Lario, 533 West Knoll dr., West Hollywood, has prepared preliminary plans for a ten-story, class A hotel building, 450x200 ft., to be erected in the block bounded by Hday, Multnomah, 13th and 14th sts., Portland, Ore., for the Lloyd Corp., 12 S. Bk. of Italy Bldg., Los Angeles. Mr. DeLario will start the preparation of working drawings about April 1. The building will contain 568 rooms with 100 percent baths; reinforced concrete construction; cost \$3,000,000.

Sub-Bids To Be Taken Next Week.
REPARATIONS Cost Approx. \$50,000
SAN FRANCISCO. No. 838 Grant Ave. Al and remodel apartment-hotel building.

Owner—Cuneo-Debendetti Estate.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco.

Contractor—Jacks & Irvine, 72 New Montgomery St., San Francisco.
The contract has gone East for signatures and upon return bids will be called for.

Contract Awarded.
HOTEL Cost, \$800,000
SAN FRANCISCO. S Turk Street near Leavenworth St.

Twelve-story Class A hotel building (1500 rooms).

Owner—San Francisco Y. M. C. A.
Architect—Frederick H. Meyer, 742 Market St., San Francisco.

Contractor—K. E. Parker, 185 South Park St., San Francisco.

Contracting—W. H. Picard, 5656 College Ave., Berkeley.
Other awards previously reported.

CRONADO, San Diego Co., Cal.—Architect Richard M. Bates Jr., 660 S. Vermont Ave., Los Angeles, is preparing plans for an eight-story Class A hotel building to be erected at Coronado, for the Island City Hotel Co.; will contain a lobby, dining room, lounge and 600 rooms, reinforced concrete construction. Cost, \$1,000,000. Bids will be taken soon. Excavating has been completed.

Plans Being Figured.
HOTEL Cost, \$100,000
VALEJO, Solano Co., Cal. Sonoma and Capitol Streets.

Twelve-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).

Owner—La Casa De Vallejo (Harry Hendlerly and Isadore Meyers).
Architect—Slocombe & Tuttle, 337 17th St., Oakland.

ICE AND COLD STORAGE PLANTS

Plans Being Prepared.
COLD STORAGE PLANT Cost, \$—
LLISTER, San Benito Co., Cal.
One and two-story reinforced concrete and corrugated iron cold storage plant (72x240 feet).

Owner—National Ice & Cold Storage Co., Postal Telegraph Bldg., San Francisco.
Architect—Eng. Dept. of Owner.

SAN FRANCISCO—Harry S. Scott, president of Mission Rock Co., announces financing plans practically completed for proposed refrigeration warehouse to be constructed on Mission Rock in San Francisco Bay. Would provide cold storage for approx. 5000 cars and would be served by rail and water. The project is said to have the endorsement of the State Legislature, Harbor Commission as well as commercial endorsement.

MERCED, Merced Co., Cal.—The Federated Fruit and Vegetable Growers are planning the erection of a cold storage plant in Merced. Members of the committee are R. Casad, E. W. Yeager, L. E. Arnold and H. S. McKean. Plans are in a very preliminary stage.

POWER PLANTS

TRUCKEE, Nevada Co., Cal.—F. O. Broili, engineer for Truckee Utility Dist., completing spec. for distributig line, transformers, meters, etc., for which bonds of \$20,000 were recently voted.

KERMAN, Fresno Co., Cal.—Joe Lo Forti, Fresno, at approx. \$2000 awarded contract by San Joaquin Light & Power Co. to erect sub-station at Kerman. Interlocking cement brick construction.

SAN JOSE, Santa Clara Co., Calif.—Safety Cable Co., 539 Howard st., San Francisco, at \$118 per M ft. awarded contract by city to fur. and del. 16,000-foot cable for automatic traffic signals. Other bidders were: John A. Roellings Sons Co., and General Electric Co., both of San Francisco.

TURLOCK, Stanislaus Co., Cal.—Following contracts awarded by Turlock Irrigation District to fur. and del. transmission power line material and equipment:

Four, 250 ampere, 73 KV. oil circuit breakers, to Kelman Electrical Co., \$9694.

Twenty-four, 250 ampere, 73 KV. disconnecting switches, and two 250 ampere, 73 KV pole top switches, to Bowie Switch Co., San Francisco, at \$2660.

42 mi. of conductor to Aluminum Co. of America, San Francisco, \$19,282.

22 mi. double circuit steel poles to Pacific Coast Steel Co., San Francisco, \$9944.

22 mi. double circuit steel poles, 12 single circuit steel poles (light); 61 single circuit (heavy), \$9944.

1500 suspension insulators with hardware to Jeffery Insulator Co., \$362.22.

No bids received for labor to install pole foundations, nor for labor to erect poles and stringing wire. This work will be done by the district forces.

RIVERSIDE, Cal.—Southern Sierras Power Co. has authorized const. of 58 mi. No. 000 cable high voltage line bet. San Bernardino and Seal Beach plant of Los Angeles Gas & Electric Co. Est. cost, \$750,000.

MODESTO, Stanislaus Co., Cal.—Sangamo Electric Co. awarded contract by Modesto Irrigation District to fur. 1-year supply of meters and to Maloney Electric Co. for 1-year supply of transformers.

SAN FRANCISCO—John A. Roellings Sons Co., 646 Folsom St., awarded cont. by Board of Supervisors to fur. 5 miles 3-0 round hard drawn copper trolley wire at \$17.20 per 100 lbs., f. o. b. car barn, 2600 Geary St., allowing \$7.50 for each reel returned.

PUBLIC BUILDINGS

STOCKTON, San Joaquin Co., Cal.—Adjutant General R. E. Mittelstaedt at Sacramento has authorized a \$50,000 expenditure at the Stockton State Armory and grounds. In addition to construct considerable landscape work is included. Additional locker and shower rooms will be provided and the exterior covered with stucco. New stables will also be provided. Work will commence about June 1.

CULVER CITY, Los Angeles Co., Cal.—Until 8 p. m., March 19, bids will be rec. by the city to complete new city hall building at Culver City. The city council at a meeting Feb. 27 rescinded its action of awarding the general contract for the new city hall building to R. P. Davidson on account of error in certain legal procedure. The funds, and footings are compl. ready for the setting of structural steel. Orville L. Clark, 1418 Chapman Bldg., Los Angeles, architect, and Harry K. Boone, Culver City, associate. The building will contain jail and police department, court rooms, etc. A cashier's check of 10 per cent is required with bid. Est. cost \$100,000.

WILLOWS, Glenn Co., Cal.—Until Apr. 10, bids will be rec. by county supervisors to erect branch library building at Hamilton City; estimated cost \$1000. New structure will replace present library. Plans on file in office of clerk.

CHICO, Butte Co., Cal.—Chico Public Library trustees will shortly ask bids to furnish furniture for city library, particularly equipment for main reading room.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until March 21, 7 p. m., bids will be received by Rue R. Clifford, sety., Board of Library Trustees, for painting public library. Cert. check 10 per cent payable to city req. with bid. Spec. obtainable from sety. at Public Library Bldg., South San Francisco.

LIVINGSTON, Merced Co., Cal.—Leo. Heid, Livingston, at approx. \$5000 submitted low bid to city to erect city hall. Taken under advisement.

FAIRFIELD, Solano Co., Cal.—The Dinuba Steel Products Co., 163 2nd St., San Francisco, at \$6166 submitted low bid and awarded contract by county supervisors to fur. and install steel cells and jail equipment in branch county jail at Vallejo. Other bidders were: Pauly Jail Co., \$7622; Van Dorn Iron Works, San Francisco, \$8063.

RESIDENCES

Plans Will Be Ready For Bids In One Week.

RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Indian Road.

Two-story frame and stucco residence (6 rooms and 3 baths).

Owner—Ray Wilson.
Architect—Frederick Reimers, 1624 Franklin St., Oakland.

Plans Ready For Bids In One Week.

RESIDENCE Cost, \$20,000
SAN FRANCISCO. NE Pacific Ave. and Lyon Street.

Two-story nine-room frame and stucco residence.

Owner—George Boardman.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.

Completing Plans
BUNGALOWS Cost \$7000 ea.
SAN FRANCISCO, E 38th ave. N Taraval st.

Five 1-story frame bungalows, 5 rooms each.

Owner and Builder—Condit & Maxin, 1175 Howard st.

Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Plans will be completed in a few days.

Sub-Contracts Awarded.

RESIDENCE Cost, \$65,000
SAN FRANCISCO. N Broadway bet. Lyon and Baker Streets.

Three-story and basement frame and stucco residence.

Owner—Mrs. Daniel Volkmann, 1756 Broadway, S. F.

Architect—Bakewell & Brown, 251 Kearny st., S. F.

Contractor—Chas. Stockholm, Hearst Bldg., S. F.

Plumbing and heating—O'Mara & Stewart, 218 Clara st.

Electrical work—Central Electric Co., 179 Minna st.

Plastering—Peter Bradley, 639 Brannan.

Sheet metal—Forderer Cornice Works, 269 Potrero ave.

Glass—W. P. Fuller & Co., 301 Mission.

Tile work—Art Tile & Mantel Co., 221 Oak st.

Hardwood floors—Inlaid Floor Co., 600 Alabama st.

Plans Being Completed.

RESIDENCE Cost, \$16,000
PUEBLO, Alameda Co., Cal. Requena Highlands.

Two-story frame and stucco residence (9 rooms and 3 baths).

Owner—Frank Stears.

Architect—Sidney E. Noble and Archie T. Newsum, Federal Realty Bldg., Oakland.

Plans are now in the owner's hands for approval. Bids to be called for shortly.

Preparing Preliminary Plans.
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence (9 rooms and 4 baths).
 Owner—C. G. Abbot.
 Architect—F. G. Abbot, H. Reimers, 1621 Franklin St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, \$14,000
CARMEL, Monterey Co., Cal.
 Two-story 12-room frame and stucco residence.
 Owner—L. C. Merrill.
 Architect—Blaine & Olsen, 1755 Broadway Oakland.

Plans Being Figured.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—F. W. Vieth, 1822 Tacoma Ave., Oakland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.

Completing Plans
RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
 Two-story frame, brick veneer and siding residence.
 Owner—Leland Prior, Middlefield road, Menlo Park.
 Architect—Birge M. Clark, 310 University ave., Palo Alto.
 Bids will be taken in about 3 weeks.

Plans Being Figured
RESIDENCE Cost, \$15,000
PALO ALTO, Santa Clara Co., Campus of Stanford University.
 Two-story frame and stucco residence.
 Owner—Professor Eells, Stanford University.
 Architect—Birge M. Clark, 310 University, Palo Alto.

Plans Being Figured
 Bids Close March 15
STUDIO Cost \$—
PALO ALTO, Santa Clara Co., 180 University ave.
 One-story frame and stucco studio and guest house.
 Owner—Dr. R. Reynolds.
 Architect—Birge M. Clark, 310 University ave., Palo Alto.

HILLSBOROUGH, San Mateo Co., Cal.
 —W. Blair Foster of Foster & Kleiser, 1675 Eddy st., San Francisco, is planning the erection of a large home in Hillsborough to cost approximately \$200,000. The property covers an area of three and a half acres and a large tennis court will be laid out to cost an additional \$60,000. An architect has not been selected at this time as it is indefinite just when construction is to be started.

Sub-Contracts Awarded.
FARTERNITY HOUSE Cost, \$61,000
BERKELEY, Alameda Co., Cal. Channing Way and Piedmont Ave.
 Two-story frame and brick fraternity house (accommodate 30 students).
 Owner—Sigma Pi, 2347 Piedmont Ave., Berkeley.
 Architect—Fred H. Reimers, Tribune Tower, Oakland.
 Contractor—Dudley De Velbiss, 354 Hobart St., Oakland.
Excavating—Ariss-Knapp Co., 961 41st St., Oakland.
Concrete—J. H. Fitzmaurice, 354 Hobart St., Oakland.

Plans Being Revised.
RESIDENCE Cost, \$50,000
SANTA CRUZ, Santa Cruz Co., Cal.
 Two-story frame and stucco residence with tile roof and keeper's cottage.
 Owner—T. S. Montgomery, 40 W-San Antonio St., San Jose.
 Architect—Weeks & Day, Financial Center Bldg., San Francisco.
 Bids will be taken shortly.

Working Drawings Being Prepared
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal., Hampton rd.
 Two-story frame and stucco residence (10 rooms, 3 baths, French style).
 Owner—Withheld.
 Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

WILLOWS, Glenn Co., Cal.—Crosby & Rader, Willows, have purchased sites in various sections of city and erect approximately 15 1-story frame and stucco bungalows.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



WHISKERING CLUB PLANS TO JOIN DAYS OF '49 FETE

Members of the Sacramento Whiskering Club will meet in the Chamber of Commerce at 8 o'clock Thursday night to discuss participation in the proposed Days of '49 celebration in Sacramento next year.

The club will discuss means of co-operation with the Chamber of Commerce, Retail Merchants' Association of Sacramento and other groups back of the celebration.

It was stated that the Capital City Band under the direction of R. V. Baker will be present at the meeting to play several selections. The band, likewise, is in favor of the celebration.—Sacramento Bee.

SANDY PRATT will co-operate.

AND TAKE a large delegation.

TO THIS big Sacramento celebration.

SANDY PRATT is President.

OF THE Pratt Building Material Co.

WITH SAND, rock and gravel.

PRODUCING PLANTS.

AT SACRAMENTO, Marysville.

PRATT ROCK (NEAR Folsom).

PRATT CO. (MONTEREY County).

AND MAYHEW (Sacramento County).

CENTRAL OFFICE—San Francisco.

"I THANK you."



Sandy Pratt in his outfit representing Br. Harte's gentleman gambler, Jack Hamlin (picture opposite) will gladly help and boost the '49 celebration. Sandy's hat is over 10 years old and came from Forest Hill, above Placeville. The coat from Oshasta, is 65 years old. The red shirt, guinea windsor tie, boots, gold-headed cane and watch chain is just like Jack Hamlin wore. Many girls and boys will wear their '49 outfits. Sandy's business cards read "Jack Hamlin, Poker etc., Hangtown, Calif."

Plans Being Figured
Bid Close March 14, 10 a. m.
REFERENCE Cost \$50,000
OAKLAND, Alameda Co., Hampton st.
 Two-story and basement frame and
 stucco residence, 14 rooms, 6 baths,
 -car garage.
Owner—Withheld.
Architect—Sidney B., Noble, and Archie
 Newsom, Federal Realty Bldg.,
 Oakland.
 A modern conveniences will be in-
 stituted.

MARYSVILLE, Yuba Co., Cal.—Mc-
 Daniel & Burroughs, 913 5th st., Marys-
 ville at approx. \$10,000 have contract
 to erect two-story frame 9-room resi-
 dence at 1114 H st. for Dr. and Mrs.
 Gravelle Delamere; will be 46 x 39 ft.
 Separate garage will also be erected.

Plans Being Figured
REFERENCE \$18,000
OAKLAND, Alameda Co., Lakeshore
 Highlands.
 Two-story frame and stucco residence,
 10 rooms, 3 baths.
Owner—J. E. Bowersmith.
Architect—W. E. Schirmer, 700 21st st.,
 Oakland.

HILLSBOROUGH, San Mateo Co.,
 Cal.—Blair Foster of San Francisco is
 planning the erection of a large home in
 Hillsborough to cost approximately
 \$20,000. The property covers an area
 of three and one-half acres and a large
 tennis court will be laid out to cost an
 additional \$60,000.

Preparing Preliminary Plans
REFERENCE Cost \$30,000
SANTA CRUZ, Santa Cruz Co.
 Two-story frame and stucco residence,
 10 rooms, 3 baths.
Owner—Withheld.
Architect—Guy L. Rosebrook, 1404 Frank-
 lin st., Oakland.

Plans Being Figured
REFERENCE Cost, \$70,000.
WOODSIDE, San Mateo Co., Cal.
 Two-story reinforced concrete residence
 (South African type).
Owner—W. W. Mein, 315 Montgomery St.,
 San Francisco.
Architect—John K. Branner, Shreve
 Bldg., San Francisco.

Plans Being Prepared
COTTAGE Cost \$40,000
ON THE RUSSIAN RIVER
 One-story rustic cottage.
Owner—M. Oltman, 876 Hampshire st.
Architect—Benjamin Schreyer, Russ Bldg.
 San Francisco.

SAN LUIS OBISPO, Cal.—The follow-
 ing bids were received by State Depart-
 ment of Public Works, Division of Ar-
 chitecture, Forum Bldg., Sacramento, to
 erect two-story frame and stucco, nine-
 room, Spanish type residence at Poly-
 technic School Campus, San Luis Obispo.
 Bids cost \$18,000. Geo. B. McDougall,
 state architect, Forum Bldg., Sacra-
 mento:
 W. J. Smith, 1115 Higuera st., San
 Luis Obispo \$19,785
 T. M. Malno, San Luis Obispo 20,819
 Per Sorensen, S. F. 21,783
 A. E. L. Vezina, S. F. 22,950

Sub-Bids Being Taken.
REFERENCE Cost, \$14,000
HILLSBOROUGH, San Mateo Co., Cal.
 Hillsborough Park No. 2.
 One-story seven-room frame and stucco
 residence with shingle roof.
Owner—J. G. Mindnich, 1360 Columbus
 St., Burlingame.
Architect—Clarence W. Jackson, 1st Na-
 tional Bank Bldg., San Mateo.
Contractor—J. Maroni, Burlingame.

Plans Being Revised.
RESIDENCES Cost, \$10,000 each
BERKELEY, Alameda Co., Cal. Arling-
 ton Acres.
 Two two-story six-room frame and stucco
 residences.
Owner—Misses Frosh and Kimball.
Architect—Edwin L. Snyder, 2108 Addi-
 son St., Berkeley.

Steam Heating Bids Wanted.
REFERENCE Cost, \$8000
OAKLAND, Alameda Co., Cal. Park
 Blvd.
 Two-story frame and stucco residence
 (2 4-room dwellings).
Owner—Miss Jacobsen.
Architect—Slocombe & Tuttle, 337 17th
 St., Oakland.

Owner Taking Segregated Bids.
REFERENCE Cost, \$40,000
SAN FRANCISCO. Washington and
 Spruce Streets.
 Two-story frame and brick veneer resi-
 dence (English type; 12 rooms and 5
 baths).
Owner—Leland Rosener, 233 Sansome St.,
 San Francisco.
Architect—Albert Farr and F. Ward, 68
 Post St., San Francisco.

Contract Awarded
REFERENCE Cont. price \$12,341
BERKELEY, Alameda Co., Cal.—Coven-
 try rd.
 Two-story and base. frame and stucco
 residence.
Owner—Herman Schwartz.
Architect—W. H. Ratcliff Jr., Chamber
 of Commerce Bldg., Berkeley.
Contractor—Connor & Connor, 354 Hobart
 st., Oakland.
 Other bidders were: E. S. Henderson,
 \$12,450; Chas. McCullough, \$12,550; Wal-
 ter Sorensen, \$12,919; Heathe & Wendt,
 Berkeley, \$17,640; E. J. Bertlesen, \$13,-
 387. All bidders were Oakland contrac-
 tors.

Contract Awarded
REFERENCE Cost \$12,000
OAKLAND, Alameda Co., N Barbara rd.
 W Excelsior ave.
 Two-story frame and stucco residence,
 9 rooms.
Owner—H. R. Ludwig.
Architect—G. H. Vore.
Contractor—L. B. Matheyer Co., 3178
 Birdsall Ave., Oakland.

Plans Being Figured
REFERENCE Cost \$—
OAKLAND, Alameda Co.
 Two-story frame and stucco residence
 and reinf. concrete garage.
Owner—Samuel M. Smith.
Architect—Farr & Ward, 68 Post st.,
 S. F.

Sub-Bids Being Taken.
REFERENCE Cost, \$36,000
LOS GATOS, Santa Clara Co., Cal.
 Little Brook Farm.
 One-story frame and stucco residence
 (Spanish type).
Owner—Max Cohn.
Architect—Earle B. Bertz, Shreve Bldg.,
 San Francisco.
Contractor—Stephenson Construction Co.,
 Hearst Bldg., San Francisco.

Plans Being Figured
RECTORY Cost \$25,000
PORTERVILLE, Tulare Co., Cal.
 Two-story brick rectory, 12 rooms, three
 baths.
Owner—St. Anne's Catholic Church (Rev.
 Patrick Daly, pastor), Porterville.
Architect—Swartz & Ryland, Rowell-
 Chandler Bldg., Fresno.
 Will have brick and stucco interior,
 composition and tile roof, oak floors, hot
 air heating system, interior finish of pine.

SCHOOLS

OAKLAND, Alameda Co., Cal.—John
 E. Braugh, 184 Perry st., Oakland, at
 \$26,200, awarded the contract by John
 W. Edgemond, secty., Board of Educa-
 tion, 211 City Hall, to erect Lakeview
 Junior High school shop building in Har-
 rison st. near 26th. Will be 1-story, of
 brick construction.

OAKLAND, Alameda Co., Cal.—John
 M. Bartlett, 354 Hobart st., Oakland, at
 \$42,046 was awarded the contract by
 John W. Edgemond, secty., Board of Edu-
 cation, 211 City Hall, to erect Junior
 high school gymnasium in Harrison st.
 near 26th. Will be two-story, of brick
 construction.

GLENDALE, Los Angeles Co., Cal.—
 Christ Thoren, 5615 West Fourth st.,
 was awarded general contract at \$796,400
 to erect high school buildings at Glen-
 wood Road school site, Glendale, for
 Glendale union high school district. Al-
 fred P. Priest, 719 Fay Bldg., Los An-
 geles, is the architect. The contract for
 plumbing awarded to Coony & Winter-
 bottom, 2425 Hunter st., L. A., at \$55,944.
 Heating and ventilating let to Hickman
 Bros., San Pedro, at \$57,813, a deduc-
 tion of \$28,923 being made from the
 original bid for alternate C, omitting
 steam heating in home economics build-
 ing, gymnasiums, dressing rooms and
 shower rooms; electrical contract award-
 ed to Newbery Electric Corp., 726 O Olive
 st., L. A., at \$65,167, a deduction of \$8373
 being made for omitting public address
 system. Reinforced concrete, brick and
 steel construction.

MOUNTAIN VIEW, Santa Clara Co.,
 Cal.—Until March 19, 8 p. m., bids will
 be rec. by Mountain View Elementary
 School Dist. for purchase and removal of
 certain school buildings, no longer re-
 quired by district. Further information
 obtainable from Chas. H. Moore, clerk
 of district.

MOUNTAIN VIEW, Santa Clara Co.,
 Cal.—Until March 19, 8 p. m., bids will
 be received by Charles H. Moore, clerk,
 Mountain View Elementary School Dist.,
 to fur. and install blackboards, shades
 and lockers in new elementary school.
 Spec. obtainable from A. I. Coffey, archi-
 tect, 1126 Phelan Bldg., San Francisco.
 Cert. check 10 per cent req. with bid.
**See call for bids under official proposal
 section in this issue.**

LIVE OAK, Sutter Co., Cal.—J. A.
 Criswell, Live Oak, at \$385 awarded cont.
 by Live Oak School Dist. to const. four
 tennis courts. Other bids: Wallace Par-
 ley, \$486; S. J. Canawan, \$555; Norman
 H. King, \$575; Booth & Herbooth, \$872.

McFARLAND, Kern Co., Cal.—Until
 March 30, bids will be received by trust-
 ees of McFarland School District to
 erect 4-classroom addition to present
 school. Plans obtainable from clerk at
 McFarland. Chas. Biggar, Bank of Italy
 Bldg., Bakersfield, architect.

FERNDALE, Humboldt Co., Cal. —
 Slingsby & Winkler of Ferndale submit-
 ted low bid and were awarded the con-
 tract at \$26,515, by Chevalier M. Turner,
 clerk, Ferndale Union High School Dist.,
 to erect gymnasium building at high
 school grounds. Newton Ackerman, archi-
 tect, Fourth and Commercial sts., Eu-
 rek. Heating and plumbing contract
 awarded to F. Dalquest of Ferndale at
 \$4554.

Other bidders were: C. M. Smith, \$27,-
 399; Halsby & Lax, \$27,578; Frank John-
 son, \$29,381; R. W. Shaw, \$28,867; Olaf
 Knudsen, \$29,549; Merced Fraser Co.,
 \$30,000.

MADERA, Madera Co., Cal.—Boles &
 Satterstad, Madera, at \$12,200 awarded
 contract by Arcola School District to
 erect new school building. Other bids:
 S. Uhels, Ripon, \$13,480; Z. L. Little, Ma-
 dera, \$13,744.

Preparing Working Drawings
SCHOOL Cost \$35,000
DOS PALOS, Merced Co., Cal.
 High school auditorium.
Owner—Dos Palos High School Dist.
Architect—W. J. Wright, Mail Bldg.,
 Stockton.
 Plans will be ready for bids in 10 days.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

PAID S. C. V. Co., 1000 Broadway Bldg., San Francisco, Cal.—Contract for building of 1-story 4-classroom brick annex to Camden Street school in Brann st. near Morcom ave. Est. cost \$25,000. Separate bids are wanted for (1) general work (2) awning type window fixtures and hardware, and (3) slate blackboards. See call for bids under official proposal section in this issue.

Plans Being Completed—Bids to Be Asked About March 25.

GYMNASIUM Cost \$60,000
COALINGA, Fresno Co., Cal.
 One-story reinforced concrete and stucco gymnasium.
 Owner—Coalinga Union High School District.
 Architect—Swartz & Ryland, Rowell Chandler Bldg., Fresno.

Preparing Working Drawings. Cost \$18,000
FLAHERTY, Sacramento Co., Cal.
 One-story frame and brick annex to school Bldg.
 Owner—Lincoln School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
 Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.
 Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8,000.
 Plans will be ready for bids in thirty days.

Preparing Working Drawings. Cost, \$160,000
WATSONVILLE, Santa Cruz Co., Cal.
 Two-story frame and stucco additions to present school buildings.
 Owner—Watsonville School District.
 Architect—W. H. Weeks, Hunter Dulin Bldg., San Francisco; 1736 Franklin Bldg., Oakland, and 216 S-First St., San Jose.
 Bonds were recently voted in the sum of \$125,000.

SAN FRANCISCO—Until March 26, 11 a. m., under Proposal No. 360, bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to furnish classroom supplies for school department. Further information obtainable from above.

FORT BIDWELL, Modoc Co., Cal.—See "Hospitals" this issue. Seeks \$30,000 appropriation for Fort Bidwell Indian school.

OAKLAND, Alameda Co., Cal.—C. F. Weber, 601 Mission St., S. F., at \$11,673 submitted lowest bid and was awarded the contract by John W. Edgemond, secy., Board of Education, 211 City Hall, to furnish and deliver science laboratory furniture for school department.

OAKLAND, Cal.—As previously reported, bids will be rec. by John W. Edgemond, secy., Board of Education, until March 20, 10:45 a. m., to erect Krause Avenue school in Krause ave. near Chestnut St. will be one-story 4-classroom brick. Est. cost \$25,000; separate bids are wanted for (1) general work; (2) awning type window fixtures and hardware, (3) slate blackboards. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—As previously reported, bids will be received by John W. Edgemond, secy., Board of Education, until March 20, 10:45 a. m., to erect 2-story frame and stucco addition for Horace Mann school at n. w. Congress ave. and Yuba st. Will contain 4 classrooms. Est. cost \$28,000. See call for bids under official proposal section in this issue.

THREE RIVERS, Tulare Co., Cal.—Until March 22, 3 p. m., new bids will be received by Carrie C. Swanson, clerk, Three Rivers School Dist., to install school heating plant in Three Rivers school. Bids previously received rejected. Ben & Ben architects, California State Life Bldg., Sacramento. Plans prepared by Albert von Rudolfer Co., Cert. check to permit payable to clerk rec. with bid. Plans obtainable from clerk on deposit of \$50.00.

FRESNO, Fresno Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, to erect science building for Fresno State Teachers' College. Will be reinforced concrete construction; est. cost \$200,000. Allison & Allison, architects, Hibernian Bldg., Los Angeles.

General Work

McDon Bros., 241 Kearny, S. F.	\$168,860
W. J. Ochs, Fresno	169,968
D. J. Johns, Stockton	171,411
C. H. Petersen, Fresno	177,000
John E. Brangh, Oakland	179,800
Carl N. Swensen, San Jose	181,684
J. A. Bryant, S. F.	182,334
Edmund Shaw & Franklin, Fresno	183,551
E. H. Mellenkamp, Fresno	185,128
W. T. Harris, Fresno	189,295
R. W. Littlefield, Oakland	189,890
Thorp & Meads, Fresno	194,899
McGinty Const. Co., Fresno	196,860
J. S. Shepherd, Stockton	199,057
Louis Geisler (bid irregular, not considered)	167,995

There were 14 alternates submitted but they will not be considered.

Mechanical Work (Plumbing and Heat.)

Barrett-Hicks Co., 1031 Broadway, Fresno	\$26,971
Luppen & Hawley, Sacramento	27,000
W. H. Smith, Long Beach	27,990
W. H. Newman Co.	32,381

Electrical Work

W. H. Smith, Long Beach	\$16,139
Robinson Elec. Co., Fresno	17,500
Valley Elec. Co., Fresno	17,877
Electric Const. Co., Fresno	17,990
Luppen & Hawley, Sacramento	18,297

Bids taken under advisement.

Commissioned to Prepare Preliminary Plans
SCHOOL Cost \$350,000
SAN FRANCISCO, First ave. and Geary. Third unit of Park Presidio school.
 Owner—City and County of San Francisco.
 Architect—Shea & Shea, 454 Montgomery street.

EGGENE, Ore.—Hansen & Hammond Co., Public Service Bldg., Portland, at \$310,000 sub. low bid to University of Oregon to erect men's dormitory, including plumbing, heating, ventilating and electric work. Lawrence and Holford, architects, Portland. Taken under advisement.

THREE RIVERS, Tulare Co., Cal.—Earl Bowen, Strathmore, at \$11,487, awarded contract to erect new elementary school for Three Rivers School Dist. Dean & Dean architects, California State Life Bldg., Sacramento. Eight bids were submitted on the general contract. Bids for heating were rejected and new bids will be asked.

SANTA MARIA, Santa Barbara Co., Cal.—Until March 23, 7:30 p. m., bids will be rec. by M. M. Purkiss, clerk, Santa Maria School Dist., to erect 45 ft. addition to Main St. School. Louis N. Crawford architect, 8 Jones Bldg., Santa Maria. Cert. check 5 per cent rec. with bid. Plans obtainable from architect.

OAKLAND, Cal.—As previously reported, bids will be received by John W. Edgemond, secy., Board of Education, until March 20, 10:45 a. m., to erect 1-story 4-classroom brick annex to Camden Street school in Brann st. near Morcom ave. Est. cost \$25,000. Separate bids are wanted for (1) general work (2) awning type window fixtures and hardware, and (3) slate blackboards. See call for bids under official proposal section in this issue.

Plans Being Completed—Bids to Be Asked About March 25.

GYMNASIUM Cost \$60,000
COALINGA, Fresno Co., Cal.
 One-story reinforced concrete and stucco gymnasium.
 Owner—Coalinga Union High School District.
 Architect—Swartz & Ryland, Rowell Chandler Bldg., Fresno.

Working Drawings Being Prepared. Cost, \$200,000
BUILDING
OAKLAND, Alameda Co., Cal. Second Ave. and E-Tenth St.
 Three-story reinforced concrete administration building.
 Owner—City of Oakland Board of Education.
 Architect—William Knowles, 1214 Webster St., Oakland.

BANKS, STORES & OFFICES

Contract Awarded. Cost, \$100,000
ALTERATIONS
SAN FRANCISCO, No. 779 Market St.
 Alter present they're building for market owner—Thomas Magee, 60 Sutter St., San Francisco.
 Architect—Miller & Pfluger, 580 Market St., San Francisco.
 Lessee—Shapiro Bros., 945 Market St., San Francisco.
 Contractor—Barrett & Hilp, 918 Harri-son St., San Francisco.

Plans Being Figured. Cost, \$—
ALTERATIONS
SAN FRANCISCO, Phelan Bldg.
 Alterations to store, new front, fixture work.
 Owner—Paul Carroll, Premises.
 Architect—Gottschalk & Rist and A. I. Coffey, Phelan Bldg., San Francisco.

Contract Awarded Cost \$12,000
ALTERATIONS
OAKLAND, Alameda Co., N E-14th and 25th ave.
 Alterations and additions to present bank bldg.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell sts., S. F.
 Contractor—S. Kulchar Co., 8th ave and E-10th st., Oakland.
 Building permit applied for.

MODESTO, Stanislaus Co., Cal.—City council appropriates \$500 to finance purchase of adding machines for office of H. E. Gragg, city clerk.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Plans Being Prepared
EXCHANGE BLDG. Cost, \$500,000
SAN FRANCISCO. W. Montgomery st., S. California st., 65x134 ft.
 One-story Class A exchange building, exchange room, board room and gallery, executive offices, printing department, recreation rooms, library, social hall, etc.
 Owner—San Francisco Stock & Bond Exchange, 341 Montgomery st., S. F.
 Architect—Miller & Pfeuger, 580 Market st., San Francisco.
 Advisory Architect—Warren C. Perry, 260 Montgomery st., San Francisco.

MIDDLETOWN, Lake Co., Cal.—Chas. Washbaugh, 1913 Chanslor Ave., Richmond, at \$10,000 awarded contract for Northern California Telephone Company to erect phone exchange and office building at Middletown.

Plans Being Prepared—Contract Awarded
NEWSPAPER BLDG. Cost, \$45,000
SAN MATEO, San Mateo Co., Cal. B Street.
 Two-story Class A newspaper building.
 Owner—San Mateo Times (Horace W. Amphet, Publisher).
 Architect—C. E. J. Rogers, Phelan Bldg., San Francisco.
 Contractor—S. A. Wisnon, A and Second Sts., San Mateo.

Plans Being Prepared. Cost, \$—
OFFICE BLDG.
LENO, Nevada. First and Center Sts.
 Three-story and basement steel and reinforced concrete phone exchange and office building (brick and terra cotta exterior, 55x115 feet.)
 Owner—Bell Telephone Co.
 Architect—Eng. Dept. of Owner, 140 New Montgomery St., San Francisco.

GRIDLEY, Butte Co., Cal.—John Clark, Gridley, has contract to erect 1-story store at Magnolia and Virginia sts. for E. Frazier; 1-story concrete, 50x110 ft.

CHICO, Butte Co., Cal.—Representatives of the Montgomery-Ward Co., nationally known mail order house, are seeking sites in Chico on which it is proposed to erect a branch distributing plant or the purchase of a structure to house a branch.

Plans Being Prepared Cost \$—
REMODEL
SAN FRANCISCO, Howard st.
 Remodel exterior of bldg.
 Owner—Pacific Mill & Mine Supply Co., 616 Mission st.
 Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
 Remodeling of the interior of the bldg. has just been completed.

Preparing Working Drawings Cost \$20,000
STORE BLDG.
SAN MATEO, San Mateo Co., Cal., Highway near Lomita Park.
 One-story frame and stucco store building (4 stores).
 Owner—C. Stephens.
 Architect—Grimes & Scott, Balovich Bldg., San Mateo.
 Foundation will be laid for apartments to be added at a later date.

Preliminary Plans Awaiting Approval Cost \$—
BANK
BAKERSFIELD, Kern Co., Chester ave. and I st.
 Large bank bldg, height and type of structure not definitely decided.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.
 It is rumored that the building will be eight stories in height.

Planned. Cost, \$—
BANK
SAN FRANCISCO. Thirty-eighth Ave. and Balboa St.
 One-story bank building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

Working Drawings Being Prepared. Cost, \$150,000
OFFICE BLDG.
SAN FRANCISCO. California St. near Sansome St.
 Five-story Class A office building.
 Owner—Robert Dollar Co., 311 California St., San Francisco.
 Architect—Chas. McCall, 1404 Franklin St., Oakland.

SAN LEANDRO, Alameda Co., Cal.—Geo. Petersen, 1841 Santa Clara st., San Leandro, general contractor, will start work shortly on a two-story store and office building for himself at E-14th st. and San Joaquin ave; will be approx. 75 x 103 ft. Est cost \$50,000.

Plans Being Completed. Cost, \$20,000
ICE BLDG.
OAKLAND, Alameda Co., Cal. Fifteenth and Harrison Sts.
 Two-story steel frame and brick Class C store and office building (8 stores and 8 offices).
 Owner—Coit Investment Co.
 Architect—Leonard H. Ford, 1435 Harrison St., Oakland.
 The plans will be ready for bids in one week.

Sub-bids Being Taken
STORE BLDG. Cont. Price, \$26,235
OAKLAND, Alameda Co., Cal. Lake Shore Ave. and Lake Park.
 One-story Class C (6) store building.
 Owner—Lionel B. and Evelyn A. Hoge, 455 Lagunitas St., Oakland.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—Dudley De Velbiss, 354 Hobart St., Oakland.

Plans Being Prepared. Cost, \$—
ALTERATIONS
SAN FRANCISCO. St. Francis Hotel.
 Fitting up branch stock board on main floor of hotel.
 Owner—Anderson & Fox, California Commercial Bldg., San Francisco.
 Architect—Kent & Hass, 525 Market St., San Francisco.

Plans Complete Cost \$10,000
ALTERATIONS
SAN FRANCISCO, E Fillmore N Sacramento.
 Alterations and additions to present 2-story frame bldg. (new store fronts, 14 hotel rooms).
 Owner—Mr. Barrett.
 Architect—R. R. Irvine & L. Ebbets, Call Bldg.

Grading Contract Awarded. Cost, \$80,000
MARKET
SAN JOSE, Santa Clara Co., Cal. The Alameda.
 One-story and basement reinforced concrete market building.
 Owner—F. E. Damon.
 Architect—Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
 Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.
Grading—San Jose Excavating Co., San Jose.

Sub-bids are being taken on all other parts of the work.

Sub-Contracts Awarded Cost \$20,000
ADDITIONS
SAN FRANCISCO, 745 Market st.
 Alterations and additions to present bldg. for bank.
 Owner—State Guarantee Co.
 Architect—Roller-West Co., Crocker 1st National Bank Bldg.
 Contractor—Barrett & Hilp, 918 Harrison st.
Ornamental iron—S. F. Wire and Iron Works, 53 Colton st.
Glass—Tyre Bros., 666 Townsend st.
Brick work—W. A. Rainey & Son, 323 Clementina st.

Sub-bids Being Taken Cost \$—
ADDITION
SAN FRANCISCO, SE Twenty-fifth st. and Potrero ave.
 One-story reinforced concrete addition to present one-story building.
 Owner—Investment Properties Corp.
 Architect—O'Brien Bros. & W. D. Feugh, 415 Montgomery st., S. F.
 Contractor—Industrial Constr. Co., 815 Bryant st., S. F.

Sub-bids being taken for reinforcing steel, plastering, plumbing, electrical work, etc.

Sub-Bids Being Taken. Cost, \$50,000
FILM EXCHANGE
SAN FRANCISCO. Leavenworth Street bet. Golden Gate Ave. and Turk St.
 One-story and basement Class B film exchange building (reinforced concrete construction).
 Owner—Y. M. C. A.
 Architect—Fred H. Meyer, 742 Market St., San Francisco.
 Contractor—K. E. Parker, 135 South Park, San Francisco.
 Lessee—Warner Bros.
 Plans are now being completed.

SAN LEANDRO, Alameda Co., Cal.—Ernest Anderson, San Leandro, at \$8,300 awarded contract by Earl F. Cooper to erect baking plant at 737 East Fourteenth street.

Sub-Contracts Awarded. Cost, \$40,000
BANK BLDG.
CORCORAN, Kings Co., Cal.
 One-story reinforced concrete bank and store building, 46x60 feet.
 Owner—First National Bank of Corcoran
 Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
 Contractor—Lawton & Vezey, 354 Hobart St., Oakland.

Reinforcing Steel—Kyle & Co., 333 G St., Fresno.
Lumber and Mill Work—Tilden Mill & Lumber Co., 2nd and Harrison Sts., Oakland.

Roofing—Kay Roofing Co., 1079 43rd St., Oakland.

Plastering—W. J. Biddle.
Electrical Work—Corcoran Electrical Co., Corcoran.

Ornamental Iron—Fraunfelder Ornamental Iron Works, 335 8th St., Oakland.

Structural Steel—Independent Iron Works, 1870 Chase St., Oakland.

Plumbing and Heating—Feary & Moll, 1075 40th St., Oakland.

Brick Work—Roy Cart.

Preparing Working Drawings Cost \$—
OFFICE BLDG.
REDWOOD CITY, San Mateo Co., Cal., Broadway opp. Standard st.
 Two-story reinforced concrete store and office bldg.

Owner—A. J. Fromm, Main and Broadway, Redwood City.
 Architect—Birge M. Clark, 310 University ave., Palo Alto.
 Lessee—United Cigar Sales Agency.

Bids will be taken next week for a general contract.

Sub-Bids Being Taken. Cost, \$40,000
POST OFFICE
CORCORAN, Kings Co., Cal.
 One-story brick store and post office building.
 Owner—Corcoran Department Store.
 Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
 Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
 Contractor—Lawton & Vezey, 354 Hobart St., Oakland.

Correction in Contractor's Name Cost \$40,000
BANK, ETC.
SAN FRANCISCO, Twenty-fourth and Castro sts.
 Two-story class C reinforced concrete bank and office building.
 Owner—American Trust Co., 464 California st., S. F.
 Architect and Mgr. of Constr.—C. R. Collup, 464 California st., S. F.
Concrete, carpentry, excavating—L. A. Hinson, 1738 Howard st.
Cabinet work—William Bateman, 1931 Bryant st.

Plastering—James Smith, 271 Minna st.
Glass—Tyre Bros., 666 Townsend st.

Painting—Conrad Sovig, 248 Oak st.

Plumbing—James Pinkerton, 927 Howard.

Ornamental iron—Keystone Ornamental Iron Works, 830 Howard st.

Heating—Atlas Heating & Ventilating Dorks, 557 4th st.

Tile Work—Mallott & Peterson, 2221 20th street.

Roofing—Bender Roofing Co., 18th and Bryant st.

Vault doors—Hermann Safe Co., Howard and Main sts.

Electrical work—Dowd-Seid Co., 2369 Mission st.

Hardware—Marshall Newell Co., Spear Mission sts.

TURLOCK, Stanislaus Co., Cal.—Tom Sargis, Turlock, is erecting a one-story brick store at East Main and Elm Sts., to be 60 sq. ft., containing three stores; cost, \$7000.

Contract Awarded Cost \$48,000
STORES
MERCED, Merced Co., Cal.

Two-story brick bldg., 7 stores and 24 offices.

Owner—J. R. Hill, Merced.

Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno.

Contractor—J. E. Fritz, Merced.

Faced brick exterior; composition roof, wood interior partitions, linoleum on floors; low pressure steam heating system, oil burning furnace.

Office Building—Cost, \$20,000
SAN FRANCISCO, Bond and Pol Sts.,
 21 E. 1st St.
 One-story reinforced concrete office
 building.
 Owner—Vernon Mathe Co., 211 Blanton
 St., San Francisco.
 Architect—Lewis P. Hobart, Crocker
 Bldg., San Francisco.

THEATRES

SAN FRANCISCO, Cost, \$75,000
OAKLAND, Contra Costa Co., Cal.
 One and two-story reinforced concrete
 theatre and store building (1 store
 and 6 offices).
 Owner—Fred S. Stamm and H. Reed,
 Architects.
 Architect—Nathan R. Conter, 46 Kearny
 St., San Francisco.
 Manager of Constr.—Fred S. Stamm,
 Architect.
 Construction has been started.

SAN FRANCISCO, Architect W. H.
 Gibb, 42 Kearny St., and G. Albert Land-
 burgh, 119 Montgomery St., awarded the
 painting and decorating contract to the
 American Painting & Decorating Co.,
 368 Howard St., at \$12,500, and the
 lighting and fixture contract to the Boyd
 Lighting & Fixture Co., 278 Post St., at
 \$495, in connection with the construction
 of a 3-story class A theatre and
 store building, with seating capacity of
 3000. It is being erected on the east side
 of Mission St. bet. 18th and 19th, for
 Ackerman & Harris, and George A. Op-
 penheim. Other awards have been pre-
 viously reported.

Plans Being Figured. Bids Close Mar. 15
THEATRE—Cost, Approx. \$150,000
SAN RAFAEL, Marin Co., Cal. NW
 Fourth and Lootens Place.
 Two-story concrete and terra cotta thea-
 tre and store building (seating ca-
 pacity 1500, 1 store).
 Owners—Jacob Albert, Fourth and B Sts.,
 San Rafael.
 Architect—Reid Bros., 165 Montgomery
 St., San Francisco.

SAN LEANDRO, Alameda Co., Cal.
 Palace Motion Picture Theatre suffers
 5000 fire loss March 3.

Bids In Under Advisement.
ALTERATIONS—Cost, \$100,000
SAN FRANCISCO, No. 779 Market St.
 Alter present theatre building for market
 owner—Thomas Magee, 60 Sutter St.,
 San Francisco.
 Architect—Miller & Pfeiffer, 580 Market
 St., San Francisco.
 Lessee—Shapiro Bros., 945 Market St.,
 San Francisco.

Sub-contracts Awarded
THEATRE—Cost \$—
SAN FRANCISCO, SW Chestnut and
 Steiner sts.
 Two-story class A theatre building (1500
 seating capacity).
 Owner—Louis R. Lurie.
 Architect—O'Brien Bros., 315 Montgom-
 ery St., S. F.
 Lessee—Edward Barron and Carol A.
 Nathan, 221 Golden Gate ave.
 Contractor—Industrial Construction Co.,
 815 Bryant.

Sub-contracts (reinforcing steel,
 plastering, electric work, sheet metal
 work and patent chimneys) reported
 awarded on March 3rd on above project
 were in error. Sub-contracts are in and
 under advisement.

As previously reported, structural steel
 awarded to Pacific Structural Iron Wks.,
 270 10th St.

Sub-bids on other parts of the work
 on and will be awarded shortly.

Excavating Contract Awarded
THEATRE—Cost, price \$185,000
OAKLAND, Alameda Co., Cal., S. 17th
 St. bet. San Pablo and Telegraph
 Aves., 100x105 ft.

Class A theatre building to be known as
 Duffman Theatre, seating 1250.
 Owner—Income Properties of Calif., Inc.,
 278 14th St., Oakland (Fred Proctor).
 Lessee—Henry Duffman, near Alcazar Thea-
 tre, 10th and 11th Sts. near Powell, S. F.
 Architect—Weeks & Day, Financial Cen-
 ter Bldg., S. F.
 Contractor—Charles Heyer, Mills Bldg.,
 S. F.

Excavating—A. R. Krippe Co., 601 11st
 St., S. F.

WHARVES AND DOCKS

REDONDO BEACH, Cal.—Election will
 be held April 9 to vote \$50,000 bond issue
 for new municipal pier. Plans being pre-
 pared by City Eng. Victor H. Stahel.

Contract Awarded
PIER—Cost, price \$583,000.
SAN FRANCISCO, S. Channel St. bet.
 Piers 16 and 19, to be known as Pier
 18.

Pier, 700 by 360 feet; concrete pile and
 concrete deck apron of creosoted piles.
 Owner—State Harbor Board.
 Engineer—Frank G. White, Ferry Bldg.,
 S. F.

Contractor—Healy-Tidbits Construction
 Co., 64 Pine St.
 Contract awarded on Prop. B using
 shorter piles built up with jacket.

WASHINGTON, D. C.—See "Govern-
 ment Work and Supplies," this issue.
 Bids opened by U. S. Bureau of Yards and
 Docks, Navy Department, to construct
 pier at San Diego.

MISCELLANEOUS BUILDING CONSTRUCTION

Preparing Working Drawings.
HOALE—Cost, \$250,000
 (with furn. and equip., \$350,000)
OAKLAND, Alameda Co., Cal. NW 15th
 and Castro Sts.

Six-story class A steel frame and joists
 concrete and brick veneer exterior
 (250 rooms, lobby, reception room,
 library, cafeteria, solarium on roof).
 Owner—Industrial Homes Corp., 1555 San
 Pablo Ave., Oakland.
 Architect—Guy L. Brown, American Bk.
 Bldg., Oakland.

EUREKA, Humboldt Co., Cal.—City
 Engineer Ed Gardner preparing plans for
 wading pool for children at Sequoia
 park. Eureka Woman's Club has \$10
 to finance the pool in addition to other
 minor mps. at the same location.

OAKLAND, Cal.—Until March 5, 5:30
 P. M., bids will be received by G. B.
 Hegardt, Secty., City Port Commission,
 424 Oakland Bank Bldg., to fur. and del.
 5000 cu. yds., more or less, crushed rock.
 Cert. check \$500 req. with bid. Bond of
 \$500 required of successful contractor.
 Specifications obtainable from above.

Bids Opened.
HANGAR—Cost \$—
OAKLAND, Alameda Co., Cal., Oakland
 airport hangar No. 37.
 Concrete foundation and concrete floor
 slabs, 120x200 for proposed mill con-
 structed hangar.
 Owner—Board of Port Commissioners of
 city of Oakland, 424 Oakland Bank
 Bldg., G. B. Hegardt, secty.

Architect—Owners.
 Low Bidder—Triberti, Messaro, 44th St.,
 Oakland, \$12,390.

Other bidders were:
 C. S. McIntyre, Oakland \$13,775
 J. H. Fitzmaurice, Oakland 14,163
 J. Elmer, Oakland 14,618
 Jeffrey & Roland, Oakland 14,639
 Frederickson & Watson, Oakland 15,871
 Clinton, Kaiser & Lloyd, Oakland 15,750
 A. Frederick Anderson, Oak. 15,893
 E. H. Cress, Oakland 16,336
 R. B. McNeur, Oakland 16,700
 Clinton Const. Co., S. F. 17,500
 J. B. Borkland, Oakland 19,427

FRESNO, Cal.—Lynch Construction
 Co., 730 Merrill Ave., L. A., low bidder at
 \$50,291 to erect building, mess hall, bunk
 house, two pump houses and cottage, in-
 cluding paving, fencing and landscaping
 at new pre-cooling and icing plant being
 erected at Fresno. Other bids were:
 Lynch-Cannon Engineering Co., L. A.,
 \$51,000; Robert E. McKee, L. A., \$52,900;
 Andrews Construction Co., Portland,
 \$51,257; Barrett & Hilp, San Francisco,
 \$55,476; Ware Co., El Paso, \$55,976; Stev-
 enson Const. Co., San Francisco, \$61,860.
 Lynch-Cannon Engineering Co. has the
 contract for erecting the icing plant at
 about \$170,000. Bids taken under ad-
 visement.

MONTAGUE, Siskiyou Co.—A three
 hundred and twenty-acre tract of land
 adjoining the west limits of Montague
 has been purchased by the city, and

plans are under way for an aviation
 field.

Construction Started
MAUSOLEUM—Cost, \$250,000
SEATTLE, Washington. Acacia Park.
 Reinforced concrete mausoleum and col-
 umbrium (interior of marble and
 bronze).
 Owner—Acacia Park Columbarium Assn.
 Inc., Central Bldg., Seattle.
 Architect—Wallace Hubbert, 110 Sutte-
 st., San Francisco.
 Contractor—Hoard Engineering Co., Pan-
 tages Bldg., Seattle.

Contract Awarded
AUDITORIUM—Cost, \$40,000
ASILOMAR, Monterey Co., Cal.
 One story frame and stucco auditorium
 and recreation hall (height and type
 of construction not decided).
 Owner—The Asilomar.
 Architect—Miss Julia Morgan, Merchant-
 Exchange Bldg., San Francisco.
 There will also be a swimming pool
 on the grounds from plans pre-
 pared by Earl Clements, engineer.
 Contractor—H. E. Washburn, Pacific
 Grove.
 Construction will start immediately.

PATTERSON, Stanislaus Co., Cal.—
 Engineer W. F. Wooley, Patterson, pre-
 paring plans to bring municipal swimming
 pool within requirements demanded by
 State Board of Health.

Planned.
BUILDING—Cost, \$100,000
SAN FRANCISCO, Potrero Ave. and
 Nineteenth St.
 Class A building (height and type of con-
 struction not decided).
 Owner—Victor Hoelscher and D. Rosen-
 blum, 544 Market St., San Francisco.
 Architect—Not Selected.
 Project is in a very preliminary state.

GILROY, Santa Clara Co., Cal.—Gilroy
 Lumber Co., Gilroy, awarded contract to
 fur. and del. lumber for baseball park
 for bleacher seats, fencing posts, etc. The
 project is being financed by public sub-
 scription.

Marble Contract Awarded
ARENA—Cost \$400,000
SAN FRANCISCO, NW Steiner & 13th
 Sts.
 Steel frame and concrete arena, 275x131.6
 feet.
 Owner—Dreamland Auditorium, Inc., 1725
 Steiner St., Isadore Zellerbach and
 Andrew H. Maloney.
 Architect—Ward & Blohme, 319 Sansome
 Street.
 Contractor—Barrett & Hilp, 918 Harri-
 son St.
 Supt. of Constr.—James L. McLaughlin,
 251 Kearny St., S. F.
 Marble—Cervi Marble & Mosaic Co., 1721
 San Bruno ave.
 Sub-bids are wanted for painting and
 glass. Other awards reported Feb. 24.

STOCKTON, San Joaquin Co., Cal.—
 City council will appropriate \$2,000 to
 finance construction of lavatories on mu-
 nicipal golf course. A. L. Banks, city
 clerk.

BUSINESS OPPORTUNITIES

Mr. Ezequiel Hernandez, Av. Madero
 553, Guadalajara, Mexico, contemplates
 establishing a mill for manufacturing
 vegetable oils and wishes to communi-
 cate with manufacturers of complete ma-
 chinery for that industry. He also seeks
 a source of supply for copra in quantity
 as well as other raw materials for the
 manufacture of vegetable oils.

Benigno Perez, P. O. Box 515, Havana,
 Cuba, wishes to represent San Fran-
 cisco manufacturers in Cuba.

Enrique Laroza & Co., Calle Montas
 No. 126, Apartado No. 792, Lima, Peru,
 is interested in handling redwood rail-
 way sleepers.

Commonwealth Laboratories, Kings-
 highway and Gravois Ave., St. Louis,
 Mo., is desirous of getting in touch with
 San Francisco men who are qualified to
 promote and head a company to handle
 their line exclusively in San Francisco
 and surrounding territory.

Engineering News Section

BRIDGES

SAN RAFAEL, Marin Co., Cal.—L. Ambretti, Mill valley, at \$3397 sub. low bid to county to const. three bridges on Bolinas to Olema rd. involv. 108 cu. yds. A conc.; 11,500 lbs. reinf. steel in place. Other bids: A. G. Howe, \$3421; McDonald & Maggiorio, \$3832.

SAN MATEO COUNTY, Cal.—Foundation Co., Koni Bldg., San Francisco, at approx. \$400,000 awarded contract by Raymond Concrete Pile Co., Hunter-Dun Bldg., S. F. (general contractors), to const. 6 conc. piers for bridge over San Francisco bay bet. Little Coyote Point, San Mateo county, and Mt. Eden, Alameda county. Project will involve approx. 500 cu. yds. conc. The bridge is for the San Francisco Toll Bridge Co.

SACRAMENTO, Cal.—Following bids rec. by county for dredger fill approaches to proposed Freeport bridge below Freeport: Geo. Pollock, Sacramento, 30c bridge approach, 50c fill. Olympian Dredging Co., San Francisco, 91c and 9c. Taken under advisement.

SANTA BARBARA, Cal.—S. J. Krull, 19 Spring St., Santa Barbara, awarded cont. by city at \$15,730 to const. reinf. conc. reservoir known as Reservoir No. 1.

SAN FRANCISCO—A. W. Kitchen, 110 Market st., at \$1800 awarded cont. by 3d. Pub. Wks. to const. fender piling at Third st. and Channel Bridge.

HUMBOLDT COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. March 21 to const. two reinf. conc. girder bridges in Humboldt county one over Prairie creek, consisting of four 30-ft. spans, and another over Lost Man creek consisting of one 10-ft. and two 32-ft. spans. Project involves: 730 cu. yds. struc. excavation without classification; 5800 lin. ft. timber piles; 116 timber piles, driven in place; 55 cu. yds. gravel backfill; 45 cu. yds. class cem. conc., placed by a tremie; 595 cu. yds. class A, and 28 cu. yds. class E cem. conc.; 89,000 lbs. reinf. steel; 480 cu. yds. structure backfill.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood, Manteca, at \$2700 awarded cont. by county to const. culverts on Davis and Eight-Mile Rd.

SAN MATEO COUNTY, Cal.—Albert Mansfield, Redwood City attorney, represents interests granted a franchise to const. a bridge over San Francisco Bay from Candlestick Point, San Mateo County to ft. of Webster St., Alameda county. Will be 45,000 ft. long, 40 ft. wide and so constructed as to permit widening to 80 ft. for r. r. purposes if necessary; estimated cost \$27,500,000.

INGLEWOOD, Cal.—City Planning Commission recommends const. of viaduct to connect North Market St. at Redondo Blvd. intersection; est. cost \$200,000.

SACRAMENTO COUNTY, Cal.—Following are three low bids rec. March 7 by State Highway Comm. to const. undergrade crossing under tracks of Southern Pacific at Brighton, consisting of two conc. abutments with wing walls, about 2850 ft. of rdwy. and 630 ft. of sidewalk graded and paved with Port. cem. conc. and flood protection: McGilvray Const. Co., Folsom blvd., Sacramento, 62,618
Frederickson & Watson, Oakland 70,764
Holdener Const. Co., Sacramento 72,706
Engineer's estimate 84,541

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal.—Paris Bros., Antioch, at 62c yd., sub. low bid to City Port Commission to fill slough along South Shore dr. at Municipal Airport. P. Montague at 75c yd. only other bidder. Taken under advisement.

OAKLAND, Cal.—Until March 5, 5:30 p. m., bids will be rec. by G. B. Hegardt, secty., City Port Commission, 424 Oakland Bank Bldg., to fill certain slough along South Shore Drive at Oakland Municipal Airport. Cert. check 10 per cent req. with bid. Bonds in full amount of contract price req. of successful bidder. Spec. obtainable from above.

MILL VALLEY, Marin Co., Cal.—American Dredging Co., 255 California St., San Francisco, at approx. \$25,000 has contract with Tamalpais High School District for dredging and fill in connection with proposed athletic field.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—McCullen Reclamation Dist. No. 2075, Manteca, San Joaquin County, granted a permit to appropriate 48.7 sec. ft. from Stanislaus river in San Joaquin county for irrigation of 3300 acres of land. The work will involve 2 double suction split case centrifugal pumps, 16x18-in. capacity of 22 cu. ft., and two 60 hp. 1 r.p.m., 440-volt electric motors. A canal system will be required involving 95 lin. ft. of canal having 8-ft. top and 5-ft. bottom, of earth construction with concrete lining. H. S. Bonte, Balfour B. & San Francisco, is engineer.

PHELAN, Cal.—Isaac M. McAllister, Box 44, Phelan, granted a permit to appropriate 1.81 sec. ft. from Wild Horse Canyon in San Bernardino County, and 200 ac. ft. per annum storage to irrigate 145 acres land. Work proposed will involve an earth and rock fill type dam, 50 ft. high, 900 ft. long on top, and 650 ft. long on the bottom, 10 ft. in width at the top, with a 1½ to 1 slope front and back; a 7920 lin. ft. 8-in. cement pipe; one pump, turbine type, 2 cu. ft. capacity 150-ft. lift and one 30 hp. gasoline engine. Total est. cost \$20,000.

PLACERVILLE, El Dorado Co., Cal.—Four bids rejected by El Dorado Irrigation District to regrade lower Weber ditch from outlet to outlet of Texas Hill Tunnel near Placerville, involv. 28,807

lin. ft. ditch deepening and widening were rejected as being too high and the work will be done by district forces. R. W. Browne is Secty. of the Dist.

PORTERVILLE, Tulare Co., Cal.—C. R. Gurdy, Porterville, awarded cont. by South Tule Independent Ditch Co. for 4000 ft. ditch to be lined with conc. Porterville Cement Pipe Co., Porterville, awarded cont. for approx. 4000 ft. conc. pipe, 18-in., 16-in., 14-in. dia. Consolidated Pipe Co. (Galen Nofziger, Porterville representative) awarded cont. for 12-in. and 15-in. steel pipe.

CALIFORNIA—Following permits granted by State Department of Public Works, Division of Water Rights, during the month of February, authorizing water appropriations:

Permit 2959, (Riverside Co.) Issued to John Terribilini, San Bernardino, for .2 c. f. s. from underground water for domestic and irrigation on 30 acres. Est. cost, \$4000.

Permit 2960, (Riverside Co.) John Terribilini, for .17 c. f. s. from underground water for domestic and irrigation on 30 acres. Est. cost \$4000.

Permit 2961, (Riverside Co.) S. Goetz, Los Angeles for .12 c. f. s. and 2 acre feet from unnamed spring for irrigation of 31 acres. Est. cost \$250.

Permit 2962, (Tulare Co.) Howell Bone, Miramonte, for .005 c. f. s. from unnamed spring for domestic and industrial purposes. Est. cost \$300.

Permit 2963, (Sacramento Co.) E. C. Chatterton, Roseville, for .5 c. f. s. from Rio Linda or Dry Creek for irrigation on 40 acres. Est. cost, \$700.

Permit 2964, (Plumas Co.) Feather River Trust, San Francisco, for 5 c. f. s. from Dogwood Cr. for power and domestic purposes. Est. cost, \$15,000.

Permit 2965, (El Dorado Co.) City of Sacramento for 300 c. f. s. and 210,000 A. F. from Silver Creek and S. Fk. American River for irrigation of 40,000 acres. Est. cost, \$29,200,000.

Permit 2967, (San Mateo Co.) Penin? sula Farms Co., Pescadero, for 1.5 c. f. s. from Gazos Creek for irrigation, domestic and fire protection on 200 acres. Est. cost \$20,000.

Permit 2968 (San Mateo Co.) Peninsula Farms Co., Pescadero, for 2.67 c. f. s. from Butano Cr. for irrigation and domestic on 880 acres. Est. cost, \$20,000.

Permit 2969, (Plumas Co.) J. N. Evans Estate Co., Reno, Nev., for 200 acre ft. per annum from Taylor Lake for irrigation and stock use on 510 acres. Est. cost \$1000.

Permit 2970, (San Bernardino Co.) B. Dade Davis, San Bernardino, for .075 c. f. s. from unnamed spring for domestic purpose. Est. cost, \$3500.

Permit 2971, (Santa Barbara Co.) Horace O. Ensign, Newport Beach, for .025 c. f. s. from 2 unnamed springs for domestic purposes. Est. cost, \$1200.

Permit 2972, (Trinity Co.) B. N. Trask, Peanut, Calif., for 1.5 c. f. s. from Salt Creek for irrigation of 120 acres. Est. cost \$300.

CALIFORNIA—Following application filed during the month of February with the State Department of Public Works, Division of Water Rights (Harold Conkling, chief of division) for permits to appropriate water:

Application 5816 (Siskiyou Co.) Woodfill & Barry, Sawyers Bar, Cal., for 3 c.f.s. from Eddy Gulch for hydraulic mining purposes. Est. cost \$1000.

App. 5817 (Fresno Co.) Miller & Lux, Inc., San Francisco, 300 c.f.s. from San Joaquin river for irrigation purposes on 54,000 acres. Est. cost \$510,000.

App. 5818 (Madera Co.) Miller & Lux, Inc., 206 c.f.s. from San Joaquin river for irrigation purposes on 16,516 acres. Est. cost \$75,000.

App. 5819 (Fresno Co.) Miller & Lux, Inc., 572 c.f.s. from San Joaquin river, for irrigation purposes on 45,745 acres. Est. cost \$203,000.

App. 5820 (Fresno Co.) Miller & Lux,

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

App. 5810 (San Bernardino Co.) J. L. Scott, Elwanda, Cal., for 15 c.f.s. from unnamed springs, for irrigation and domestic purposes on 80 acres. Est. cost \$5,000.

App. 5815 (San Diego Co.) G. M. Jones, Ocean Park, 2,000 ac. ft. per annum from Hemlock creek for irrigation and domestic purposes on 600 acres.

App. 5816 (San Diego Co.) Malcolm B. Woods, Los Angeles, for 75 c.f.s. and 75 ac. ft. per annum from Coyote creek for power purposes. Est. cost \$6,000,000.

App. 5817 (Sierra Co.) Emmett H. Hurlbert, Verdugo City, 12.50 c.f.s. from Van Joan creek, for placer mining purposes. Est. cost \$25,000.

App. 5818 (Napa Co.) A. Kempke, San Francisco, 10 c.f.s. and 10,000 ac. ft. per annum from Conn creek tributary to Napa river, for irrigation purposes on 20,000 acres. Est. cost \$5,000,000.

App. 5819 (Riverside Co.) J. O. Blackburn, Hemet, 1,923 c.f.s. from Bee Canyon spring, for irrigation and domestic purposes. Est. cost \$10,000.

App. 5820 (Del Norte Co.) C. R. Ward and J. L. Ward, Crescent City, 2 c.f.s. from unnamed stream, for power and domestic purposes; 27 T. H. P. to be developed. Est. cost \$2,000.

App. 5821 (Sonoma Co.) Frank P. Grace Co., Healdsburg, for 1.31 c.f.s. from Russian river, for irrigation purposes on 195 acres.

App. 5822 (Stanislaus Co.) Allas Investment Co., Modesto, for 14 c.f.s. from Tuleme river, for irrigation purposes on 160 acres. Est. cost \$15,000.

App. 5816 (Los Angeles Co.) Young Men's Christian Assn., Long Beach, for 8 c.f.s. from Pains Canyon, for domestic purposes.

App. 5817 (Los Angeles Co.) B. F. Burkhardt, Lathrop, for 25 c.f.s. from unnamed spring, for irrigation and domestic purposes on 50 acres.

App. 5818 (Tulare Co.) A. A. Bissiri, Los Angeles, 100 c.f.s. from Mosquito creek, for domestic purposes.

App. 5819 (Sutter Co.) D. C. Smith et al., Meridian, 20 c.f.s. from Sutter Basin By-pass, for irrigation purposes on 2200 acres. Est. cost \$2,000.

App. 5820 (Ventura Co.) Bolsa Chica Oil Corp., Los Angeles, .05 c.f.s. from unnamed spring for mining and domestic purposes.

Chine Electric Works, Petaluma, \$46,500; Globe Electric Works, San Francisco, \$4,335; Butte Elec. & Mig. Co., San Francisco, \$5,000; A. C. Rice, Los Angeles, \$5,433.

BERKELEY, Alameda Co., Cal.—City declares inten. (614) to install 14 Union metal electroliers with underground system in Ashby ave. bet. Grove st. and Shattuck ave. 1911 act, bond act 1915, protests March 20. Emma M. Hann, city clerk; A. J. Eddy, city eng.

RAILROADS

Enrique Laroza & Co., Calle Montas No. 125, Apartado No. 792, Lima, Peru, is interested in handling redwood low-way sleepers.

PETALUMA, Sonoma Co., Cal.—Sacramento Northern Railroad seeks authority of Interstate Commerce Department to const. 36 mi. of new r. r. from Willotta to Petaluma, affording a direct connection bet. Sacramento Northern system and the r. r. of the Petaluma and Santa Rosa Company, which operates by rail and boat.

YREKA, Siskiyou Co., Cal.—Klamath River Holding Co., owners of the Roxbury Mine are negotiating purchase of Yreka Railroad. Upon completion of the deal the new owners will rebuild the road with 75-lb. rails and a new passenger carry car to operate bet. Yreka and Montague. An extension to Happy Camp via Scott Valley is also contemplated.

FIRE EQUIPMENT

MERCED, Merced Co., Cal.—American La France Co., at \$13,500 awarded cont. by city to fur. and del. 750 gal. pumper with equipment; delivery to be made in 90 days.

MADERA, Madera Co., Cal.—April 9 is date set by city to vote bonds of \$25,000 to purchase fire fighting equipment.

RESERVOIRS AND DAMS

ELLENSBURG, Wash.—C. F. Graff, 321 Highland Dr., Seattle, awarded cont. by U. S. Reclamation at \$231,947 to const. Kittitas concrete diversion dam and incidental work near Easton, Washington. The principal items and approximate quantities involved are: Diversion and care of river and unwatering foundations; 70,000 cu. yds. excavation of all classes; 1500 cu. yds. backfill; 900 cu. yds. puddling or tamping backfill; 500 lin. ft. drilling grout holes; 8400 cu. yds. concrete; 235,000 lbs. placing reinforcement bars; 310,000 lbs. structural steel installing. Also other metal work. The government will furnish part of the materials.

VENTURA, Cal.—Salisbury, Bradshaw & Taylor, consulting engineers, Petroleum Securities Bldg., Los Angeles, completing plans for a 10,000,000-gallon water reservoir to be constructed within the city limits between Chestnut and Fir Sts. Plans have also been prepared for the enlargement of the Casitas Reservoir from 1,862,500 gallons to 6,811,700 gallons. The engineers are now preparing cost estimates.

MISCELLANEOUS CONSTRUCTION

MARTINEZ, Contra Costa Co., Cal.—Application has been filed with county supervisors by E. J. Fitzpatrick of Oakland, associate of Senator A. H. Breed, seeking franchise to const. toll tunnel linking Contra Costa and Alameda counties. Alameda county portal would be located at head of Shepard Canyon, emerging at a point near the Redwood Canyon rd; 2410 ft. long, 19 ft. high, 26-ft. rdwy. Est. cost \$1,250,000.

LIGHTING SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Until March 19, 5 P. M., bids will be rec. by A. L. Banks, city clerk, (\$24) to install street lighting system involving 3-single light ornamental brackets and 222 ornam. Duplex lighting standards together with underground system in portions of Weber Ave., Main St., Center St., El Dorado, Hunter and San Joaquin Sts. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. W. B. Hogan, city engineer.

SAN LEANDRO, Alameda Co., Cal.—City Eng. Jesse B. Holly preparing estimates of cost for lighting system in approx. 30 blocks of streets, including Washington, Beverly and Hollywood Sts.

MODESTO, Stanislaus Co., Cal.—City petitioned to install ornamental street lighting system in Upper Tenth St., bet. K St. and Needham Ave.

BERKELEY, Alameda Co., Cal.—Until March 20, 10 a. m., bids will be rec. by Emma M. Hann, city clerk, (614) to install 64 Union metal electroliers with underground system in Shattuck ave. bet. Durant ave. and Ward st. and in Shattuck ave. bet. Durant and Adeline st. and in Adeline st. bet. Shattuck ave. and Ward st. 1911 act, bond act 1915. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk. A. J. Eddy, city eng.

WILLOWS, Glenn Co., Cal.—Walker, Martin & Montgomery, Modesto, at \$9670 awarded cont. by city to install 54 Marbleite standards with underground system in Tohama St., Sycamore St., etc. Other bids were: H. C. Reid Co., San Francisco, \$9890; Newberry-Pearce Co., San Francisco, \$10,575; A. C. Rice, Oakland, \$11,580; Glenn County Electric Co., Willows, \$11,720; Globe Electric Co., San Francisco, \$12,628; A. R. Hancock, Willows, \$13,000; Butte Electric Co., San Francisco, \$14,500.

MONROVIA, Cal.—City will start proceedings at once for electrolier system in Myrtle avenue.

UKIAH, Mendocino Co., Cal.—City rejects to install street lighting system in School street and project indefinitely postponed. Bids were: H. C. Reid & Co., San Francisco, \$11,111; Walker, Martin & Montgomery, Modesto, \$4490; Newberry-Pearce Co., San Francisco, \$4600;

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

FRESNO, Fresno Co., Cal.—Commissioner of Public Works Andrew M. Jensen recommends to city that a separation of grades at the Belmont Ave. Crossing of the Southern Pacific Ry. must be made and that a subway is the only logical way for accomplishing this. He estimates the cost at \$245,000 for construction and \$75,000 for property damages.

MARTINEZ, Contra Costa Co., Cal.—Senator Arthur H. Breed of Piedmont and other East Bay capitalists have been granted franchise by county supervisors to const. vehicular toll tunnel joining Contra Costa and Alameda counties. Will be 2410 ft. long, 19 ft. high, 26 ft. rdwy.; est. cost \$1,250,000.

WATER WORKS

ORLAND, Glenn Co., Cal.—C. E. Abbott, Orland, at \$688 awarded cont. by city to fur. f. o. b. Orland, galv. pipe and fittings; 251 1/2-in. No. 115-A Thompson sprinkler heads; 96 1/2-in. No. 140 Thompson sprinkler heads; 7 1/2-in. Thompson control valves; 243 pcs. 1/2-in. galv. pipe, 11 ft. 0 in., T. B. E.; 26 pcs. 3/4-in. galv. pipe, 11 ft. 0 in., T. B. E.; 53 pcs. 1-in. galv. pipe, 11 ft. 0 in., T. B. E.; 44 pcs. 1 1/4-in. galv. pipe, 11 ft. 0 in., T. B. E.; 102 1 1/2-in. close galv. nipples; 350 1/2-in. by 6-in. galv. nipples; 350 1/2-in. galv. ellis; 102 1/2-in. galv. crosses; 18 1/2-in. galv. tees; 11 1/4 by 1/2-in. galv. tees; 7 1/4 by 1 by 1/2-in. tees; 40 1 1/4 x 1/2-in. tees; 14 1 1/4 x 1/2-in. tees; 11 1/4 x 1/2-in. tees; 5 1/4 x 1/2-in. tees; 4 3/4 x 1/2-in. tees. Other bids were: G. M. Hickman, Orland, \$768.55; C. E. Abbott, Orland, \$688; P. E. O'Hair Co., San Francisco, \$676.76; Crane Co., Sacramento, \$709.02; Walworth Calif. Co., San Francisco, \$693.94; George Hft Tay (x), San Francisco, \$621.70; M. Stulsalt Co. gan, Orland, \$749; Federal Pipe & Supp. (x), Sacramento, \$629.16; F. A. McGroproly Co., San Francisco, \$702.20; Pacific Pipe Co., San Francisco, \$620.58. (x) no certified check.

HOLTVILLE, Cal.—April 9 set as date for \$150,000 water bond issue election.

TRACY, San Joaquin Co., Cal.—Election will be called at once by city to vote bonds of \$70,000 to finance extensions to water system.

SANTA BARBARA, Cal.—U. S. Cast Iron Pipe Co., Wright & Callender Bldg., Los Angeles, sub. low bid to city at \$20,174.25, shipment by rail and water, to fur. 3200 ft. 20-in. class C, 2100 ft. 16-in. class C, 5000 ft. 8-in. and 8000 ft. 6-in. class B, cast iron pipe, with fittings. This firm's bid by rail only was \$23,492.15.

SAN RAFAEL, Marin Co., Cal.—See "Streets and Sewers," this issue. Sewer pumping plant contemplated.

FOWLER, Fresno Co., Cal.—Byron Jackson Pump Mfg. Co., Berkeley, at \$1445 awarded cont. by city to fur. and install electric pump for city water sys.

OAKLAND, Cal.—East Bay Municipal Utility Dist., 1924 Broadway, will ask bids shortly for two new aqueduct lines for Mokelumne water. One is the Sequoia line, running from Rockridge reservoir along the hills eastward and ending for the present time at La Cresta ave. in East Oakland. The other is to be known as the Wildcat Canyon line and will skirt the hills in the other direction to the San Pablo filter station. Each line will be about 6 mi. long, 5 ft. section, running from the Claremont in d'a. Arthur P. Davis, chief engineer for district.

SANTA CRUZ, Santa Cruz Co., Cal.—City sets election for March 29 to vote bonds of \$260,000 to finance const. of water system extension from San Lorenzo river also to bond for \$125,000 to finance const. of hydro-electric plant in San Lorenzo Valley.

TIPTON, Tulare Co., Cal.—Local residents will organize Tipton Mutual Water Co., planning the drilling of wells and installation of pressure water system with tank of 5000 gal. capacity. A tank tower would be erected at a later date. Directors of the company are: Geo. C. Burnett, F. W. Nauman, W. E. Holaday, Lucy J. LaFond and Howard E. Woods.

CHICO, Butte Co., Cal.—J. C. Plummer, Chico, at \$1382.25 awarded cont. by Bidwell Park and Playground Comm. to install sprinkler system in Bidwell Park. Other bids: Nichols Hardware Co., \$1284 (failed to enclose cert. check); C. DeMarais, \$1455.80; Parker Hardware Co., \$1464.27; Rain-On-Tap Co., \$1482; Stulz & Slakey, \$1569.

RED BLUFF, Tehama Co., Cal.—City will ask bids at once, to be opened about March 6, to fur. and del. 6-in. and 10-in. pipe for water system extensions. Contract will involve approx. 2000 ft. 10-in. pipe.

STOCKTON, San Joaquin Co., Cal.—Sterling Pump Co., Stockton, at \$2731 awarded cont. by city to drill well, const. conc. slab and switchboard and fur. and install pump and motor and pressure tank at Victory Park.

PLAYGROUNDS AND PARKS

RENO, Nevada—Geo. W. Braden, western representative of the Playground and Recreation Association of America, is conferring with the Reno Rotary Club regarding establishment of a playground in Reno.

CHICO, Butte Co., Cal.—George Petersen of the Lindo Nursery has presented plans to Chas. H. Camper, city supt. of schools, for beautification of Salem St. school grounds. Trees and shrubs will cost \$110.

PALO ALTO, Santa Clara Co., Cal.—City plans to develop "plaza" area at the State Highway and University Ave., the entrance to the city; estimated cost \$27,000.

SEWERS AND STREET WORK

PALO ALTO, Santa Clara Co., Cal.—City will shortly order plans for proposed outfall sewer.

SAN JOAQUIN CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, March 28, to grade and pave with Port. cem. conc. 6.8 mi. bet. San Joaquin River and French Camp. Project involves: 31,000 cu. yds. rdwy. excav. without classification; 111,635 sta. yds. overhaul; 570 cu. yds. struc. excav. without classification; 1300 cu. yds. earth blanket in place; 81,350 sq. yds. preparing and shaping subgrade for cem. conc. pave.; 15,060 cu. yds. Class "A" cem. conc. pave. Design "A" and "B"; 960 cu. yds. Class "A" cem. conc. pave., Design "C"; 240 cu. yds. Class "A" cem. conc. struc.; 424,000 lbs. bar reinf. steel in place, pave. and struc.; 68 lin. ft. 12" corr. metal pipe; 50 lin. ft. 10" cast iron pipe; 7580 lbs. copper strip, complete in place; 3320 cu. yds. salvaged macadam borders; remove timber bridge and salvaging lumber; 6.5 M. ft. b. m. new Douglas fir timber in place, bridge; 34.5 M. ft. b. m. salvaged timber in place, bridge; 26 monuments. State will fur. corr. metal pipe and cast iron covers and frames for catchbasins.

IMPERIAL COUNTY, Cal.—Following bids rec. March 7 by State Highway Comm. to const. 19.7 mi. of drainage ditches and dykes and 8 timber bridges in Imperial county, bet. Trifolium Drainage Canal and Arroyo Salado Wash:

Conway Morrill, Brawley	\$57,622
Callahan Const. Co., L. A.	58,478
Watson & Sutton, San Diego	61,577
Engineer's estimate	77,985

SAN LUIS OBISPO COUNTY, Cal.—Following are three low bids rec. March 7 by State Highway Comm. for 0.2 mi. of grading and surfacing with water-bound macadam in San Luis Obispo Co. 1.9 mi. north of San Luis Obispo.

J. H. Collins, 945 N. Sutter st., Stockton	\$11,655
W. A. Dontanville, Salinas	14,332
Teislau Bros., Berkeley	15,480
Engineer's estimate	13,615

SALINAS, Monterey Co., Cal.—Res. of inten. will be passed shortly by city for 5-in. conc. pave., conc. curbs and gutters in Front St., bet. John and Maple Sts. Howard Cozzens, city engineer.

SAN JOAQUIN COUNTY, Cal.—Until March 28, 2 p. m., bids will be rec. by State Highway Comm. to grade and pave with Port. cem. conc. 6.8 mi. in San Joaquin county bet. San Joaquin river and French Camp. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—Until March 26, bids will be rec. by Harry W. Hall, county clerk, to widen Sacramento Highway below Freeport. Spec. provide for 2-ft. shoulders. Plans obtainable from County Eng. Chas. Deterding Jr.

SAN FRANCISCO—Federal Co., Call Bldg., at \$139,909 sub. low bid to Bd. Pub. Wks. to const. Bay Shore Blvd. Section. Other bidders: Fay Imp. Co., \$154,026; Pacific States Constr. Co., \$157,747; L. J. Cohn, \$160,130; Hanrahan Co., \$169,830; C. B. Eaton, \$170,095; A. G. Ralsch, \$172,636; Calif. Constr. Co., \$174,152; J. J. Gartland, \$177,062; C. L. Harney, \$196,000.

SAN FRANCISCO—L. J. Cohn, 117 Montgomery St., at \$59,524 sub. low bid to Bd. Pub. Wks. to const. storm drain in Bay Shore Blvd. Other bids were: C. B. Eaton, \$69,356; Jasper-Stacy Co., \$70,731; C. C. and H. H. Haun, \$72,240; Frederickson & Watson, \$72,688; A. W. Kitchen, \$73,186; Robt. McNair, \$74,323; Macdonald & Maggoria, \$75,700; Hugh McGill, \$75,728; B. G. Gervick, \$76,234; J. J. Gartland, \$77,816; Butte Constr. Co., \$81,640.

SAN FRANCISCO—Healy-Tibbits Construction Co., at \$329,948, sub. low bid to Bd. Pub. Wks. to const. Sec. E of Ocean Beach Esplanade.

Others bids were: Clinton Const. Co., \$365,376; W. A. Bechtel, \$375,048; I. Knapp, \$379,960; Macdonald & Kahn, \$382,728; L. J. Cohn, \$385,156; Schultz Construction Co., \$386,240; M. B. McGowan, \$388,808; Frederickson-Watson, \$409,204; Jasper Stacy Co., \$462,080; J. L. McLaughlin, \$443,892; Youldall Const. Co., \$482,276; Twohy Bros., \$445,367; Holdener Const. Co., \$446,813.

28

SAN FRANCISCO—L. J. Cohn, 117 Montgomery st., at \$59,524 awarded cont. by Bd. Pub. Wks. to const. storm drain in Bay Shore Blvd.

SAN FRANCISCO—Healy-Tibbits Construction Co., 64 Pine st., at \$329,948, sub. low bid to Bd. Pub. Wks. to const. Sec. E of Ocean Beach Esplanade.

SAN FRANCISCO—Federal Construction Co., Call Bldg., at \$139,909, awarded cont. by Bd. Pub. Wks. to const. Bay Shore Blvd. Section.

NEWMAN, Stanislaus Co., Cal.—Election will be held in April to vote bonds of \$40,000 to finance const. of outfall sewer.

MARTINEZ, Contra Costa Co., Cal.—M. J. Eevanda, 404 23rd st., Richmond, at \$29,360 awarded cont. by county to const. 6425 ft. 6-in. and 8-in., 20 ft. wide highway leading to Pittsburgh High School. Other bids: Stanley Const. Co., Palo Alto, \$30,623; Frederickson & Watson, Oakland, \$31,002; C. W. Cushing, \$31,574; C. W. Wood, Stockton, \$31,815; Hutchinson Co., Oakland, \$32,450; W. R. Meyers, \$32,621; Heafey-Moore Co., Oakland, \$32,638; Peres Bros., Richmond, \$33,909.

GLENN COUNTY, Cal.—Until March 14, 2 p. m., bids will be rec. by F. W. Hazelwood, dist. engineer, State Highway Comm., Sacramento, to fur. and del. standard road surfacing on approx. 5 mi. bet. Orland and Hamilton City. See call for bids under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.—Proceedings will be started at once by county to imp. Sts. in Lomita Park involv. 5-in. asph. pave.; conc. and vit. sewers. Est. cost, \$175,000. Geo. A. Kneese, county surveyor.

FRESNO, Fresno Co., Cal.—County supervisors start proceedings to imp. 12-mi. road, running north and south, connecting the Helm-Coalinga road with Coalinga. Lemoore and Hanford Highway and another road beginning 1 mi. west of McCord and continuing 13 mi. east to Hub. Estimates of cost are being prepared. Chris. P. Jensen, county engineer.

SAN JUAN, N. M.—City Eng. J. H. B. Reese, City Clerk, to imp. various Sts. involv. 15,000 sq. ft. 1-in. conc. curb and gutter, 12,000 sq. ft. 2-ft. 6-in. wide, do, 500 ft. 6-in. conc. gutter, 8 ft. wide, 500 ft. 6 ft. wide do, 200 ft. 2-ft. wide, do, 100 ft. replace conc. curb gutter, 2 ft. wide, 130,000 sq. ft. alley and alley approach conc. conc. pave. Cert. check 10% payable to city req. with bid. Spec. obtainable from Harry Chism on deposit of \$5, returnable.

BERKELEY, Alameda Co., Cal.—City Engineer, C. H. B. Reese, City Clerk, to imp. various Sts. involv. 15,000 sq. ft. 1-in. conc. curb and gutter, 12,000 sq. ft. 2-ft. 6-in. wide, do, 500 ft. 6-in. conc. gutter, 8 ft. wide, 500 ft. 6 ft. wide do, 200 ft. 2-ft. wide, do, 100 ft. replace conc. curb gutter, 2 ft. wide, 130,000 sq. ft. alley and alley approach conc. conc. pave. Cert. check 10% payable to city req. with bid. Spec. obtainable from Harry Chism on deposit of \$5, returnable.

RENO, Nevada—Until March 12, 5 P. M., bids will be rec. by J. E. Reese, City Clerk, to imp. various Sts. involv. 15,000 sq. ft. 1-in. conc. curb and gutter, 12,000 sq. ft. 2-ft. 6-in. wide, do, 500 ft. 6-in. conc. gutter, 8 ft. wide, 500 ft. 6 ft. wide do, 200 ft. 2-ft. wide, do, 100 ft. replace conc. curb gutter, 2 ft. wide, 130,000 sq. ft. alley and alley approach conc. conc. pave. Cert. check 10% payable to city req. with bid. Spec. obtainable from Harry Chism on deposit of \$5, returnable.

RENO, Nevada—Until March 12, 5 P. M., bids will be rec. by J. E. Reese, City Clerk, to imp. various Sts. involv. 15,000 sq. ft. 1-in. conc. curb and gutter, 12,000 sq. ft. 2-ft. 6-in. wide, do, 500 ft. 6-in. conc. gutter, 8 ft. wide, 500 ft. 6 ft. wide do, 200 ft. 2-ft. wide, do, 100 ft. replace conc. curb gutter, 2 ft. wide, 130,000 sq. ft. alley and alley approach conc. conc. pave. Cert. check 10% payable to city req. with bid. Spec. obtainable from Harry Chism on deposit of \$5, returnable.

RENO, Nevada—Until March 12, 5 P. M., bids will be rec. by J. E. Reese, City Clerk, to imp. various Sts. involv. 15,000 sq. ft. 1-in. conc. curb and gutter, 12,000 sq. ft. 2-ft. 6-in. wide, do, 500 ft. 6-in. conc. gutter, 8 ft. wide, 500 ft. 6 ft. wide do, 200 ft. 2-ft. wide, do, 100 ft. replace conc. curb gutter, 2 ft. wide, 130,000 sq. ft. alley and alley approach conc. conc. pave. Cert. check 10% payable to city req. with bid. Spec. obtainable from Harry Chism on deposit of \$5, returnable.

HAYWARD, Alameda Co., Cal.—City Eng. Jesse B. Holly preparing spec. to imp. D. St., bet. Valley St. and city limits, involv. 3 1/2-in. asph. base, 1 1/2-in. Warrenite-1st. surface. 1911 Act, Bond Act 1915. Est. cost, \$35,000.

SAN RAFAEL, Marin Co., Cal.—City Eng. Brainerd preparing preliminary plans for new outfall sewer. Estimates are being made for both gravity system and pumping plant. The latter method, estimated to cost \$90,000, is favored by the State Board of Health. The project will probably be financed under the 1925 Mattoon Act.

STOCKTON, San Joaquin Co., Cal.—Dispute has arisen between the Stockton city council and San Joaquin county supervisors as to type of pavement for Harding way from California st. east. City council desires Willite pavement while county supervisors proposed that bids be asked on "open specifications." W. B. Hogan, Stockton city engineer; F. E. Smith, San Joaquin county surveyor.

SAN FRANCISCO Bureau of Engineering, Dept. of Public Works, preparing spec. for sewers in Laguna Honda bldg. from Noriega st. southerly.

SAN MATEO COUNTY, Cal.—Bids will be asked shortly by State Highway Comm. to imp. approx. 13 mi. of Skyline bldg. from termination of present improvement at La Honda Summit to Saratoga Gap, involv. in the main 800,000 cu. yds. grading, rock surfacing, etc.

PALO ALTO, Santa Clara Co., Cal.—Western Paving Co., Call Bldg., San Francisco, at \$2290 sub. low bid to city to imp. (615) Emerson st. bet. Tenneyson and California aves., involv. 476 lin. ft. conc. curb; 11,355 sq. ft. grading; 157 sq. ft. 5-in. conc. pave; 985 sq. ft. 6-in. conc. pave. City paving department bid \$3985. Taken under advisement.

OAKLAND, Cal.—City declares intent to imp. Elise St., bet. 32nd and 28th Sts., and 28th St., bet. Campbell and Peralta Sts., involv. grade; curbs; pave; cem. walks; culvert; sewers; manholes; catchbasins. 1911 Act. Protests March 22, Frank C. Merrill, city clerk. Geo. N. Randle, city engineer.

GLENN COUNTY, Cal.—Until March 11, 2 p. m., bids will be rec. by Dist. Eng. F. W. Hazelwood, State Highway Comm., Sacramento, to fur. unscreened gravel from Stony Creek and deliver same on Highway bet. Orland and Hamilton City. See call for bids under official proposal section in this issue.

WILLOWS, Glenn Co., Cal.—Freeman & Son, Willos, at 1800 M., awarded cont. by county to const. a lin. of Deepwell St. of Willos, involv. 18,000 cu. yds. Patis Bros., Rio Vista, at 210 Y., only other bidder.

SAN RAFAEL, Marin Co., Cal.—Jas. C. C. 1900 Peninsula ave., Burlingame, at \$11,550 sub. low bid to county to const. Cema to Kandans Ranch unit of Cema-bolinas rd., 5.1 mi. grading and rock surfacing. Project involves: 65,000 cu. yds. excavation; 10,000 sta. yds. overbank, 1000 lin. ft. 12-in., 3000 lin. ft. 18-in., 318 lin. ft. 21-in., 160 lin. ft. 30-in. and 151 lin. ft. 36-in. corr. metal pipe; 20 cu. yds. A conc. (headwalls and culverts), 5000 lbs. reinf. steel; 6000 cu. yds. gravel or broken stone in place. County will fur. corr. metal pipe. Other bids: A. J. and J. L. Fairbanks, \$45,010; Cui & White, \$45,477; Chas. Harlowe Jr., \$49,452; Stanley Const. Co., \$51,148; Mankel & Starrett, \$63,672; MacDonald & Maggiora, \$53,796; J. D. Galbraith, \$54,155; Ellison Bros., \$51,491; Pacific Const. Co., \$51,986; F. H. Ritchie, \$55,687; Tieslau Bros., \$57,931.

PALO ALTO, Santa Clara Co., Cal.—Fretz Paving Co., 5th and Keyes sts., San Jose, at \$1916 sub. low bid to city (615) to const. storm drain system in portions of Kellogg ave. and Webster st., involv. 105 lin. 10-in., 762 lin. ft. 15-in., and 225 lin. ft. 18-in. cem. conc. sewer; 2 manholes; 6 catchbasins. George DeGolyer, Oakland, only other bidder at \$1942. Taken under advisement.

LOS ANGELES, Cal.—M. N. Guho, 5316 8th Ave., awarded cont. by county at \$173,400 to const. sewer system complete in C. I. No. 651, Magnolia Park (Long Beach Blvd., between Tweedy Rd. and Southern Ave., Stanford Ave., between Nebraska and Southern Aves., and other streets), 8.65 miles. D. & W. S. vit. sewers.

IMPERIAL COUNTY, Cal.—Following bids rec. Feb. 29 by State Highway Comm. to widen and surface with asph. conc. 7.2 mi. bet. Serley and El Centro: Jahn & Bressi Constr. Co., 727 So. Spring St., Los Angeles.....\$150,845 Pioneer Transfer Co., Calexico.....162,675 Southwest Paving Co., L. A.....170,764 R. E. Hazzard Contracting Co., San Diego.....175,220 Steel Finley, Santa Ana.....175,734 J. C. Compton, Roseville.....200. Carl Pleasant, Phoenix, Ariz.....211,925 Engineer's estimate, \$188,235.

SONOMA County, Cal.—Following bids rec. Feb. 29 by State Highway Comm. to grade and surface 0.7 mile at Sonoma Creek Bridge 1/2 miles south of Schellville: A. Tieslau, 2819 Grove St., Berkeley \$17,618 J. G. Galbraith, Petaluma.....19,651 Larson Bros., Los Banos.....19,939 T. L. Burr, San Francisco.....22,230 McDonald & Maggiora, Sausalito.....22,376 George E. Fennell, Sacramento.....22,548 S. B. Cooley, Palo Alto.....22,742 W. J. Taylor, Palo Alto.....27,719 Engineer's estimate, \$18,433.

SACRAMENTO COUNTY, Cal.—Until March 28, 2 p. m., bids will be rec. by State Highway Comm. to const. rock borders and oil treat 13.1 mi. in Sacramento county, bet. McConnell Station and Sacramento. See call for bids under official proposal section in this issue.

SONOMA, Tuolumne Co., Cal.—County Surveyor Robt. Thom preparing spec. to imp. upper half of Buckhorn grade, near Tuolumne.

INGLEWOOD, Cal.—Plans approved by city to imp. Commercial st. bet. Redondo Blvd. and Centinela Blvd. City Eng. Willis Peffer has estimated cost at \$333,378. Work will be done under the Mattoon act.

ESCONDIDO, Cal.—Until 7 P. M., March 12, bids will be rec. to imp. Maple St., bet. Ohio and Minnesota Aves., Lime St., bet. Iowa and Minnesota Aves., Kaimia St., bet. Ohio and Minnesota Aves., and portions of Ivy St., Curve St., Hickory St. and other streets, involv. grading, asphalt concrete pavement, cem. conc. pave in alleys, sidewalks; A. & L. No. 1. John Spear, city clerk. Paul R. Watson, superintendent of work. Approximate quantities are: 37,957 cu. yds. excav. (earth), 1739 cu. yds. excav. (rock), 4519 cu. yds. embank., 1,618,907 sq. ft. asph. conc. pavement, 48,364 sq. ft. conc. pavement, 12,829 ft. curb, 1885 sq. ft. corner walk.

CORTE MADERA, Marin Co., Cal.—Sanitary Board District No. 2 of Corte Madera plans complete overhauling of present sewer system. It is proposed to install a septic tank designed to accommodate a population of 2500 people. Est. cost, \$50,000. Gerald C. Numan is secretary of the district.

BENICIA, Solano Co., Cal.—Until April 3, 8 P. M., bids will be rec. by John J. O'Grady, city clerk, for hydraulic earth fills in various streets, involv. 275,000 cu. yds. F. A. Steiger, engineer, courthouse, Fairfield. Cert. check \$1000 required with bid. Plans obtainable from engineer and on file in office of clerk. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Central Construction Co., Oakland Bank Bldg., Oakland, awarded cont. by city to imp. Madison st., involv. excavation, 85c cu. yd.; conc. curb with steel guard, \$1.10 lin. ft.; conc. gutter, 29c sq. ft.; 2-in. asph. conc. surface, 6-in. conc. base, 29c sq. ft.; cem. walks, 17c sq. ft.

BERESFORD, San Mateo Co., Cal.—Beresford Development Assn. plans to organize district to finance const. of sewer system; est. cost \$75 for each 50-foot long frontage. Geo. A. Kneese, county surveyor, will prepare plans.

EUREKA, Humboldt Co., Cal.—Englehart Paving & Const. Co., Eureka, at \$7650 sub. low bid to Dist. Eng., State Highway Comm., to reconstruct 2 mi. of highway bet. Freshwater Lagoon and Orick. Hauser Construction Co., at \$8050, only other bidder.

BENICIA, Solano Co., Cal.—Until April 3, 8 P. M., bids will be rec. by John J. O'Grady, City Clerk, to const. storm drains in various Sts. F. A. Steiger, engineer, Courthouse, Fairfield. Cert. check \$5 req. with bid. Plans on file in office of clerk and obtainable from eng. on deposit of \$5, returnable. See call for bids under official proposal section in this issue.

MARYSVILLE, Yuba Co., Cal.—City council petitioned to pave University ave. in College Court Tract. Referred to city eng. for report.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

BERKELEY, Alameda Co., Cal.—Until March 13, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, (615) to imp. Ashby Ave. bet. San Pablo and College Aves., involv. grade, conc. walks, gutters, curbs, storm and sanitary sewers, lateral sewers, manholes, catchbasins, culverts, pave., domestic water supply system, etc. 1911 Act, Bond Act 1915. Est. cost \$194,000. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (825) to imp. portion of Sacramento St., involv. grade; scarify and remove existing paving material and replace same, reset catchbasins; const. comb. conc. curbs and gutters; asph. conc. pavement; 6-in. san. sewers. 1911 Act, Bond Act 1915. Protests March 19. A. L. Banks, city clerk. W. B. Hogan, city engineer.

GILROY, Santa Clara Co., Cal.—Engineer Henry B. Fisher, Growers Bank Bldg., San Jose, commissioned by city to prepare spec. for Warrenite-Bit. pavement in various streets. Some storm sewer construction will be included.

YUBA CITY, Sutter Co., Cal.—City Eng. Wm. Shearer estimates cost to imp. Plumaz Street, at \$103,708; project involves widening, paving, etc.

SAN FRANCISCO.—Eaton and Smith, 715 Ocean ave., at \$106,763.41 sub. low bid to Bd. Pub. Wks. to const. Sect. B, Contract No. 4, Alemany blvd. bet. Mission st. and Ocean ave., involv. grade; sewers; pave., etc., 100 ft. wide and approx. 3,900 ft. long. Next three low bidders were: Federal Const. Co., \$108,956.36; Pacific States Construction Co., \$107,566; L. J. Cohn, \$111,978. Ten bids in all were submitted.

OAKLAND, Cal.—Proceedings started by city to imp. Lincoln Ave., from present termination to Alida St. with Vibrolithic conc. pave.; and 60th Ave. bet. Camden St. and Foothill Park, Warrenite pavement.

SUNNYVALE, Santa Clara Co., Cal.—City starts proceedings to pave Evelyn and Murphys Aves.

LOS ANGELES, Cal.—Bids have been ordered rec. by county supervisors for construction in Drainage Dist. No. 22, involv. 14.37 mi. pipe line and 1.89 mi. box section; est. cost \$1,250,111.50. Plans obtainable from office of county surveyor, on deposit of \$25, returnable. C. E. Arnold, chief storm drain engineer, Hall of Records, Los Angeles.

SOLANO COUNTY, Cal.—State Highway Dept., Highway Bldg., Sacramento, preparing spec. to grade and surface 3.5 mil. north of Cordelia to Napa county line; estimated cost \$110,000. C. H. Purcell, state highway eng.

LOS ANGELES, Cal.—County supervisors declare inten. to const. cem. p. sewer system in Co. Imp. 510, Blairds-town Unit No. 1, Attridge ave., Dunn st., etc., involv. 8.17 mi. in length. Est. cost \$155,885.

MARYSVILLE, Yuba Co., Cal.—City eng. instructed to complete surveys for complete storm sewer system in Schimpfville district, also for paving in the same area.

OROVILLE, Butte Co., Cal.—City will start proceedings at once to imp. portions of Bird st., Baldwin ave., Yard st., Spencer ave., Robinson st., Railroad ave., etc. Est. cost \$81,000. S. J. Norris, city eng.

SANTA MONICA, Cal.—City declares inten. to const. city storm drain system in various sts.; est. cost \$1,250,000, involving in the main: 181,267 cu. yds. excavation, 316,265 sq. ft. pavement, 92,274 cu. yds. backfill for water mains; reinf. conc. pipe and Ferguson block structures. Howard B. Carter, city eng.

GILROY, Santa Clara Co., Cal.—City declares inten. to imp. portions of Egleberry, 2nd, 4th, 5th, 6th, Martin, Lewis and other streets, involv. grade, Warrenite-Bit. surface on asph. conc. base pave. conc. curbs, gutters, walks, storm sewer with catchbasins, corr. iron pipe drains, etc. 1911 act, bond act 1915. Protests March 21. City will pay \$2000 total cost from general fund. Eugene F. Rogers, city clerk; H. B. Fisher, engineer, Growers Bank Bldg., San Jose.

SAN JOSE, Santa Clara Co., Cal.—No bids rec. by county to imp. Fowler Rd. Sup. Dist. No. 2; estimated cost \$5800. County Surveyor R. Chandler ordered to proceed with work by day labor.

EL DORADO COUNTY, Cal.—Nate Lovelace, Visalia, at \$6444 awarded cont. by State Highway Comm. to grade 4.9 mi. bet. Shingle Springs and El Dorado.

CONSTRUCTION COUNCIL ELECTS

W. C. Bickford has been re-elected president of the Seattle Construction council, an organization of 200 sub-contractors and building material dealers, affiliated with the Seattle Chapter Associated General Contractors of America, according to Secretary-Manager H. V. Bogert, who also officially reported that H. A. Nelson has been elected vice president, W. M. Meacham secretary and A. Van Doren treasurer. Mr. Bogert states that the organization is functioning very satisfactorily and that a membership campaign to be inaugurated shortly will bring the membership to 300. The Seattle Construction council meets at 4137 Arcade Square, Seattle.

CITY PLANNING CONFERENCE

The National Conference on City Planning will hold a meeting in Texas May 7 to 10. The meeting will open in Fort Worth, and the sessions will be continued in Dallas, in which city will be considered, among other subjects, "Comprehensive Financing for Comprehensive Planning," "The Relation of the Planning Commission to Other Departments of the City Government," "City Planning Procedure in Smaller Cities," "The Planning of Undeveloped Areas," "Airports and Airways as a Part of City and Regional Planning," "What Is Comprehensive Zoning?" and "Profits in Sound Community Planning."

HIGHWAY MANAGER IS NAMED BY A. G. C.

S. M. Williams, well known in highway and construction circles, director of the American Road Builders Association, has been appointed manager of the Highway, Public Works and Railway divisions of the Associated General Contractors of America. This new branch, embracing engineering construction, was created at the recent convention of the A. G. C. at West Baden, Ind. Mr. Williams has spent most of his time in the past sixteen years in the field of highway construction equipment, particularly motor trucks, during which time he has done much toward improving road construction responsibility and technique. Mr. Williams was the originator of what is now the standard questionnaire, and his efforts were largely responsible for the formation of the Joint Conference on Construction Practices. W. Williams has been for many years vice-president of the Autocar Sales & Service Co.

PURCHASE STEEL R. R. TIES

An order for steel railroad ties, amounting to approximately 10,000,000 marks (about \$2,500,00) has been obtained by German firms from the government of the Union of South Africa. In view of the continuously decreasing supply of timber in South Africa, the railways will equip all their lines with steel ties. The total orders received by German firms during 1927 amounted to more than \$5,000,000.

JANUARY TERRA COTTA ORDERS

New orders for terra cotta in January as reported to the Department of Commerce by 26 manufacturers (and, for the earlier months, of two additional firms now out of business) who produced over 95 per cent of the terra cotta made in 1925, were 10,850 tons, as compared with 9898 tons in December and 9851 tons in January, 1927.

SAN ANSELMO BUILDING PERMITS ISSUED IN FEBRUARY

Following building permits were issued during the month of February, 1928, by Chas. H. Cartwright, city building inspector:

G. A. Cooley, garage, \$125; lot 1, Ross Valley Park Hillside Tract.

A. B. Shearer, dwelling, \$4600; portion lot 166 Ross Valley Park Villa Lots.

F. J. Paille, dwelling, \$4900; lot 25 Bella Vista Tract.

E. Grubert, dwelling, \$1800; lot 306 Short Ranch.

George Norton, porch, \$150; lot 75 Ross Valley Park.

J. Leroux, add porches to dwelling, \$400; portion lot 3 Barber Tract.

M. Dos Reis, dwelling, \$3500; lot 35 Tamal Park, Tamal ave.

J. Milani, build porch, \$200; lot 9, blk. 9, Sunnyside Tract.

M. Lazarus, double garage, \$400; lot 78 Ross Valley Park.

F. W. Northon, dwelling, \$800; lot 205 Amended Map Bush Tract No. 2.

Mabel J. Siemer, repair and improve rooming house and lobby, \$500; lot 24 and portion lot 25 Linda Vista Tract.

F. H. Allen, Inc., dwelling, \$4000; portion lots 9 and 10, blk. C, Carrigan Tct., Calumet ave.

MERGER REPORTED

The Pan-Pacific Construction Co. has been taken over by the Warren Bros. Co., Citizens' National Bank Bldg., Los Angeles, and will be operated as the Pan-Pacific Piling & Construction Co., a California corporation, to handle the waterfront business of Warren Bros. Co. W. A. F. Norris is the general manager of the new company, and E. C. Michener has charge of finance. The new company was recently awarded a contract for paving Hermosa ave. and Pier ave. at Hermosa Beach, a Warrenite paving contract amounting to \$313,928.84.

According to word from Houston, Tex., a decision has been handed down in the case of the United States vs. the Markle Steel Co., holding that steel bars for reinforcing concrete should be taxed at a rate of 20 cents per 100 pounds as structural instead of 30 cents per 100 pounds as bars or merchant bars. Approximately \$30,000 was involved in the case. The decision establishes a customs precedent affecting all such steel bars imported into this country, and means a substantial saving in taxes for steel importers.

The provisions of a supplement (June 10, 1924) to the building code of Montclair, N. J., limiting to three stories all buildings constructed or altered for use as apartments to house more than six families have been upheld by a decision of the New Jersey Supreme Court (rendered Jan. 5 and filed Feb. 6, 1928; Harrison R. Vandyne, Inc., vs. William H. Senior, building inspector, and Town of Montclair). The decision supports the contention of the town that the proposed apartment house would still further overburden an already overcharged sewer for which the town is actively planning relief.

The West Coast Lumbermen's Association announces that new business for the 112 mills reporting for the week ended February 25 was 6 per cent above production, and shipments were 11 per cent below production, which was 118,668,519 feet, as compared with a normal figure for the week of 109,239,571. Of all new business taken during the week 50 per cent was for future water delivery, amounting to 62,231,066 feet, of which 43,458,181 feet was for domestic cargo delivery and 18,772,885 feet for export.

Frank A. Canzi, electrical engineer and member of the Society of Engineers of San Francisco, has returned to San Francisco after spending three years in Chile for the Guggenheim interests.

Official Proposals

NOTICE TO CONTRACTORS

(Krause Avenue School—Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.
Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday the 20th day of March, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Krause Avenue School Building, to be erected on the north side of Krause Ave. 220 ft. southeast of Church Street. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 15th Street, Oakland, California.

Separate bids will be received for:
(1) General Work.
(2) Awning Type Window Fixtures and Hardware.
(3) Slate Blackboards.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on applications to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before March 20, 1928, shall be returned on or before March 21, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided however, that in no case shall said check be required to be in excess of Five Thousand (\$5,000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 20th day of March, 1928, at 10:45 A. M., in the Board Room, 211, Second Floor, of said City Hall, in said City of Oakland. The Board reserves the rights to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Storm Drains—Benicia, Calif.)

Sealed proposals will be received at the office of the City Clerk of the City of Benicia, County of Solano, State of California, until eight o'clock P. M., April 3rd, 1928, for the constructing and installation of the drain within certain streets in the City of Benicia, County of Solano, State of California, in accordance with the plans and specifications for the building of storm drains and for placing of drainage within the water course streets in said City of Benicia, County of Solano, State of California, indicated on said plans and specifications which were adopted at a meeting of the City Council of the City of Benicia at a regular meeting held February 28th,

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

1928, and reference is particularly made to said plans and specifications for further particulars.

Plans and specifications may be secured from the City Clerk of the City of Benicia, at the City Hall in said City of Benicia, or from F. A. Steiger, Engineer, at his office in the Courthouse, at Fairfield, Solano County, California, provided however, that a deposit of Five Dollars (\$5.00) must be made, which said deposit will be returned when said plans and specifications are returned.

No particular form of proposal is required, except that all proposals shall be in such form as to definitely set forth the proposed work upon which a bid is being made and such proposal must be consistent with the specifications.

The successful bidder shall be required to enter into a contract within fifteen (15) days from the date that the award of contract is made by the City Council of the City of Benicia and the work to be performed must be commenced within thirty days after the date of such award of contract.

A certified check in the sum of Five Hundred Dollars (\$500.00) or a bond executed by a responsible surety company in a like sum must accompany the proposals. The condition of such filing of such check or bond being that the successful bidder will enter into a contract and commence the work within the time hereinabove set forth.

The successful bidder shall be required to furnish labor and material and performance bonds in the amounts that may be fixed by the City Council of the City of Benicia in awarding the contract. The right is reserved to reject any and all bids or accept other than the lowest as may appear to the best interests of the City of Benicia.

Dated this 28th day of February, 1928.

JOHN J. O'GRADY,
City Clerk, Benicia.

NOTICE TO CONTRACTORS

(Hydraulic Earth Fills—Benicia)

Sealed proposals will be received at the office of the City Clerk of the city of Benicia, County of Solano, State of California, until 8 o'clock p. m., April 3, 1928, placing hydraulic earth fills within certain streets in said city of Benicia, which said work involves the filling of approxi-

mately two hundred seventy-five thousand (275,000) yards.

That said work shall be performed in accordance with those certain plans and specifications for the building of storm drains and for placing hydraulic earth fills within certain streets in said city of Benicia, County of Solano, State of California, as indicated on said plans and specifications which were adopted at a meeting of the city council of the city of Benicia at a regular meeting held February 28, 1928, and reference is particularly made to said plans and specifications for further particulars.

Plans and specifications may be secured from the city clerk of the city of Benicia, at the City Hall in said city of Benicia, or from F. A. Steiger, engineer, at his office in the Court House, at Fairfield, Solano County, California, provided however, that a deposit of five dollars (\$5.00) must be made which said deposit will be returned when said plans and specifications are returned.

No particular form of proposal is required, except that all proposals shall be in such form as to definitely set forth the proposed work upon which a bid is being made and such proposal must be consistent with the specifications.

The successful bidder shall be required to enter into a contract within 15 days from the date that the award of contract is made by the city council of the city of Benicia, and the work to be performed must be commenced within 30 days after the date of such award of contract.

A certified check in the sum of one thousand dollars (\$1,000.00) or a bond executed by a responsible surety company in a like sum must accompany the proposals. The condition of such check or such bond being that the successful bidder will enter into a contract and commence the work within the time hereinabove set forth.

The successful bidder shall be required to furnish labor and material and performance bonds in the amounts that may be fixed by the city council of the city of Benicia in awarding the contract. The right is reserved to reject any or all bids or accept other than the lowest as may appear to the best interests of the city of Benicia.

Dated this 28th day of February, 1928.

JOHN J. O'GRADY,
City Clerk of Benicia.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on March 28, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefore, to which special reference is made, of portions of State Highway as follows:

Sacramento County, between McConnell Station and Sacramento (X-Sac-4-B), about thirteen and one-tenth (13.1) miles in length, rock borders, oil treated to be constructed.

San Joaquin County, between the San Joaquin River and French Camp (X-S.J.-5-B), about six and eight-tenths (6.8) miles in length, to be graded and paved with Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District of-

MASTER QUANTITY SURVEYOR
For Contractors
GENERALS AND BRANCHISTS
ARTHUR PRIDDLE, A. I. Q. S.
693 Mission St., at Third
San Francisco, Calif.
Telephone Douglas 8493
Valuation Engineer
Accredited Appraiser
GENERAL LISTING BUREAU

vice will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
Dated: February 29, 1928.

NOTICE TO CONTRACTORS

Horace Mann School Additions—Oakland

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland California, until Tuesday the 20th day of March, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Additions to the Horace Mann School of the Oakland School District, to be erected on the northwest corner of Congress Ave. and Ygnacio Street. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before March 20, 1928, shall be returned on or before March 21, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of District on Tuesday, the 20th day of March, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of the City of Oakland, California.

NOTICE TO BIDDERS

(Shades, Blackboards, Lockers—Mountain View School District)

Pursuant to an order of the Board of trustees of the Mountain View Elementary School District, Mountain View,

Calif., notice is hereby given that said Board will receive up to 8 P. M., on the 19th day of March, 1928, at the office of the Principal of the High School of Mountain View, Calif., separate sealed proposals for Blackboards, Shades and Lockers to be furnished and installed in the New Elementary School of Mountain View, California.

Plans and specifications for said work are to be obtained at the office of A. I. Coffey, architect, 1126 Phelan Bldg., San Francisco, Calif.

A certified check equal to at least ten per cent of the amount of the bids submitted must accompany each proposal.

The Board of Trustees reserves the right to reject any or all bids.

By order of the Board of Trustees of the Mountain View Elementary School District.

CHARLES H. MOORE,
Clerk.

NOTICE TO CONTRACTORS

(Camden Street School—Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland California, until Tuesday the 20th day of March, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Camden Street School Building, of the Oakland School District, to be erected on the north side of Brann Street, 120 feet southeast of Morcom Avenue. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

Separate bids will be received for:

- (1) General Work.
- (2) Awning Type Window Fixtures and Hardware.
- (3) Slate Blackboards.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before March 20, 1928, shall be returned on or before March 21, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 20th day of March, 1928, at 10:45 A. M., in the Board Room, 211, Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO BIDDERS

(Painting—Letterman General Hospital)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 a. m., March 16, 1928, for painting buildings at Letterman General Hospital, Calif. Information on application.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Room 407, Highway Building, Sacramento, California, until 2 P. M., March 14, 1928, at which time they will be publicly opened and read, for performing work as follows:

Furnish and deliver Standard Road Surfacing on about five (5) miles of State Highway in Glenn County, between Orland and Hamilton City (3-GI-47-A).

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
F. W. HASELWOOD,
District Engineer, Dist III.
Dated: March 5, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Room 407, Highway Building, Sacramento, California, until 2 P. M., March 14, 1928, at which time they will be publicly opened and read, for performing work as follows:

Furnish unscreened gravel from Stony Creek and deliver it on the Highway in Glenn County, between Orland and Hamilton City (3-GI-47-A).

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
F. W. HASELWOOD,
District Engineer, Dist III.
Dated: March 5, 1928.

C. J. Fagg, Mgr., Commerce and Trade Bureau, Chamber of Commerce, Newark, N. J., represents manufacturer of panel boards and switchboards, which consist of lighting panels, power panels and switchboards for light and power distribution, also steel cabinets for electrical enclosures, are desirous of having representation on the Pacific Coast. Highly recommended concern.

Baldwin, Redman and Associate, P. O. Box 112, Arlington, Mass., an organization of sales representatives are interested in getting in touch with manufacturers who wish to establish connections for the sale of their products in Massachusetts markets. They are interested in any major line, which is sold either to large consumers who buy direct, or through the established jobber who operate in all of the supply fields.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
515	Arnott	Arnott	8000
516	Bell	Owner	8000
517	Castle	Horn	8000
518	Castle	Horn	12000
519	Castle	Horn	1000
520	Harrison	Rosemont	1750
521	Jackson	Modern	1000
522	Pasqualetti	Owner	50000
523	Soderberg	Spillane	5000
524	Swanson	Owner	4500
525	Weston	Malloch	1000
526	Axdal	Owner	4500
527	Condit	Owner	10500
528	Condit	Owner	3500
529	Condit	Owner	3000
530	Francis	Owner	22000
531	Investment	Industrial	32000
532	McCormick	Owner	30000
533	Meyer	Owner	8000
534	Marcussen	Owner	275000
535	Meyer	Owner	4500
536	Nathan	Industrial	90000
537	Stanrad	Owner	5000
538	Stanley	Owner	6000
539	Stauffer	Hogburg	2900
540	Arnott	Arnott	6000
541	Dahlberg	Owner	4000
542	Nastovic	Owner	5000
543	Tashjain	Swanson	4000
544	Same	Same	5000
545	Galletta	Giardo	1500
546	Granucci	Owner	3000
547	Gatto	Luchini	4000
548	Isaacson	Owner	8500
549	Meyer	Owner	6000
550	St. Mary's	Johnson	8000
551	Wildmon	Winnor	4500
552	Baker	Owner	6000
553	Backer	Bandino	1200
554	City	Owner	14000
555	Oberg	Owner	2500
556	Quast	Olson	11950
557	Stoneson	Owner	18000
558	Threlkeld	Todhunter	3000
559	Anderson	Owner	34000
560	Allred	Owner	8000
561	Barrett	Kincannon	5000
562	Federico	Ansok	4750
563	Roman	Barrett	15000
564	Yun	Hamilton	11900

DWELLINGS
(515) W CECILIA 28 and 59 N Santiago; two 1-story and basement frame dwellings.
Owner—J. A. Arnott, 633 Taraval st.
Architect—None.
Contractor—Jas. Arnott & Sons, 633 Taraval.
\$4000 each

DWELLINGS
(516) W FOOTE 110 and 135 S Huron; two 1-story and basement frame dwellings.
Owner—C. H. Bell, 5100 Mission st.
Architect—None.
\$1000 each

DWELLINGS
(517) W CAMELLIA 276.81 and 110.88 N Silver; two 1-story and basement frame dwellings.
Owner—Castle Bldg. Co., 820 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st.
\$4000 each

DWELLINGS
(518) E CAMELLIA 91.63, 110 H and 110.14 N Castle Manor; three 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 820 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st.
\$4000 each

DWELLING
(519) W CAMELLIA 310.89 N Silver; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 820 Market st.
Architect—None.
Contractor—Henry Horn, 830 Market st.
\$4000

DWELLING
(520) 911 LAKE St.; alter and remodel dwelling.
Owner—L. D. Harrison, 666 Mission st.
Architect—None.
Contractor—Ed Rosemont, 176 Duboce.
\$1750

ALTERATIONS
(521) 255 NINTH St.; alter offices.
Owner—W. H. Jackson, 255 Ninth st.
Architect—Chas. F. Strothoff, 2274 15th street.
Contractor—Modern Woodworking Co., 227 Bay st.
\$100

GARAGE
(522) N SACRAMENTO 35 W Davis st; 2-story and basement reinforced concrete public garage.
Owner—J. A. Pasqualetti, 785 Market st.
Engineer—C. W. Zollner, Humboldt Bank Bldg.
\$50,000

DWELLING
(523) E 18TH AVE. 175 N Rivera; 1-story and basement frame dwelling.
Owner—A. K. Soderberg, 1251 14th ave.
Architect—None.
Contractor—Larry Spillane, 1251 14th ave.
\$5000

DWELLING
(524) W BRODERICK 62.6 N North Point; 1½-story and basement frame dwelling.
Owner—Albert G. Swanson, 149 Parker ave.
Architect—G. T. Murray, 40 Cervantes.
\$4500

ALTERATIONS
(525) 105 GOLDEN GATE ave; alter and remodel telegraph office.
Owner—Western Union Telegraph Co., 51 Geary st.
Architect—None.
Contractor—J. S. Malloch, 666 Mission st.
\$1900

DWELLING
(526) S BOSWORTH 25 W Hamerton. One-story and basement frame dwlg.
Owner—O. Axdal, 206 Howth St., San Francisco.
Architect—None.
\$4500

DWELLINGS
(527) E THIRTY-EIGHTH AVE 175, 225 and 250 S Santiago. Three one-story and basement frame dwelling.
Owner—Condit & Maxam, 1175 Howard St., San Francisco.
Architect—None.
\$3500 each

DWELLING
(528) E THIRTY-EIGHTH AVE 200 S Santiago. One-story and basement frame dwelling.
Owner—Condit & Maxam, 1175 Howard St., San Francisco.
Architect—None.
\$3500

DWELLING
(529) E THIRTY-EIGHTH AVE 150 S Santiago. One-story and basement frame dwelling.
Owner—Condit & Maxam, 1175 Howard St., San Francisco.
Architect—None.
\$3000

APARTMENTS
(530) W BAKER 110 N Filbert. Three-story and basement frame (12) apartments.
Owner—C. C. Francis, 20 Sutter St., San Francisco.
Architect—None.
\$22,000

ADDITION
(531) SE TWENTY-FIFTH ST. AND Potrero Ave. Additional story to Class B factory.
Owner—Investment Properties Corp., 155 Montgomery St., San Francisco.
Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
\$32,000

APARTMENTS
(532) NW JONES AND BERNARD Three-story and basement frame (15) apartments.
Owner—McCormick Realty Co., 46 Kearny St., San Francisco.
Architect—None.
\$30,000

DWELLINGS
(533) N AGUA WAY 190 and 223 E Chaves. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None.
\$4000 each

APARTMENTS
(534) W STOCKTON 137-6 N Pine St. Nine-story and basement Class A (62) apartments.
Owner—Marcus Marcussen, 485 California St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
\$275,000

DWELLING
(535) N ROCKDALE AVE 95 E Chaves. One-story and basement frame dwlg.
Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None.
\$4500

THEATRE
(536) SW CHESTNUT AND STEINER Reinforced concrete store and theatre building.
Owner—E. Baron and C. Nathan, % Architects.
Architect—O'Brien Bros. and W. D. Peugh, San Francisco.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
\$90,000

DWELLING
(537) E SEVENTEENTH AVE 200 N Vicente. Two-story and basement frame dwelling.
Owner—Standard Bldg. Co., 218 Castaneda Ave., San Francisco.
Architect—None.
\$5000

DWELLING
(538) W SAN LEANDRO 200 N Darien. One-story and basement frame dwelling.
Owner—Geo. W. Stanley, 467 Turk St., San Francisco.
Architect—H. G. Stoner, 39 Sutter St., San Francisco.
\$6000

REPAIRS
(539) POTRERO AVE AND ALAMEDA. Replacing wood structure with brick.
Owner—Stauffer Chemical Co., 650 California St., San Francisco.
Architect—None.
Contractor—Emil Hogburg, 666 Mission St., San Francisco.
\$2900

DWELLING
(540) E CECILIA 91 N Santiago. Two-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval St., San Francisco.
\$6000

DWELLING
(541) W VICTORIA 525 N Garfield. One-story and basement frame dwelling.
Owner—Eric Dahlberg, 1075 Holloway St., San Francisco.
Architect—None.
Contractor—E. Dahlberg, 1075 Holloway St., San Francisco.
\$4000

DWELLING
(542) SW ULLOA AND GRANVILLE. Two-story and basement frame dwelling.
Owner—A. Nastovic, 367 17th St., Oakland.
Architect—None.
\$5000

DWELLING
(543) E FOURTEENTH AVE 125 S Ulloa. One-story and basement frame dwelling.
Owner—Mr. Tashjain, 2000 Ulloa St., San Francisco.

Architect—D. E. Jaekle, 395 Justin Drive, San Francisco.
Contractor—Ernest Swanson, 2000 Ulloa St., San Francisco. \$4000

DWELLING
(544) E FOURTEENTH AVE 100 S Ulloa. Two-story and basement frame dwelling.
Owner—Mr. Tashjain, 2000 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Drive, San Francisco.
Contractor—Ernest Swanson, 2000 Ulloa St., San Francisco. \$5000

STORE
(545) S LELAND AVE 130-9 W Desmond. One-story frame store.
Owner—D. Galletta.
Architect—None.
Contractor—J. Gioardo, 938 Rutland Ave., San Francisco. \$1500

DWELLING
(546) W NAPLES 75 N Peru. One-story and basement frame dwelling.
Owner—F. Granucci, 160-B San Carlos Ave., San Francisco.
Architect—None. \$3000

DWELLING
(547) S UNDERWOOD 200 E Lane. One-story and basement frame dwelling.
Owner—A. Gatto, 36 Bayview St., San Francisco.
Architect—None.
Contractor—J. Luchini, 1460 Shafter Ave., San Francisco. \$4000

FLATS
(548) W SAN CARLOS 135 S Nineteenth St. Two-story and basement frame (3) flats.
Owner—Isaacson & Nylund, 3902 Folsom St., San Francisco.
Architect—None. \$8500

STORES
(549) SE PORTOLA AND EVELYN. One-story and basement frame stores.
Owner—Meyer Bros, 727 Portola Drive, San Francisco.
Architect—None. \$6000

DWELLINGS
(550) N JUSTIN DRIVE 228 and 260 E College. Two one-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Drive, San Francisco.
Contractor—A. R. Johnson, 3901 Mission St., San Francisco. \$4000 each

DWELLING
(551) W THIRTY-FOURTH AVE 160 N Yorba. One-story and basement frame dwelling.
Owner—E. H. Wildman, 110 9th St., San Francisco.
Architect—H. H. Winner Co., 580 Market St., San Francisco. \$4500

DWELLING
(552) W CERRETOS Ave. 210 S Ocean; 2-story and basement frame dwelling.
Owner—E. C. Baker, 583 Ramsell ave.
Architect—None. \$6000

DWELLING
(553) 1764 QUESADA; alter dwelling.
Owner—E. Backer, 1764 Quesada.
Architect—None.
Contractor—Joe Baudino, 1706 Oakdale ave. \$1200

CLEANING PLANT
(554) NW 20TH ST. and Florida; 2-story reinf. concrete cleaning and dyeing works.
Owner—City of Paris Dyeing & Cleaning Works, 20th and Bryant sts.
Architect—Fabre & Hildebrand, 110 Sutter st. \$14,000

DWELLING
(555) W BRUNSWICK 281 S Oliver st; 1-story and basement frame dwelling.
Owner—Emil Oberg, 98 Oliver st.
Architect—None. \$2500

APARTMENTS
(556) W NOE 156.94 S Market st; 2-story and basement frame (6) apartments.
Owner—J. Quast.
Architect—None.
Contractor—C. Olson, 857 14th ave. \$11,950

DWELLINGS
(557) S HAZELWOOD 387, 428 and 470 E Yerba Buena; three 2-story and basement frame dwellings.
Owner—Stoneson Bros., 279 Yerba Buena avenue.
Architect—Chas. F. Strothoff, 2274 15th street. \$6000 each

WAREHOUSE
(558) 51 HUBBELL St.; 1-story and basement frame warehouse.
Owner—Threlkeld & Co., 45 Hubbell st.
Architect—None.
Contractor—Geo. C. Todhunter, 1008 Ashbury st. \$3000

APARTMENTS
(560) W Fillmore 175 ft S Beach; 3 story and basement frame (21) apts.
Owner—Louis R. Anderson, 37 Rico Way, San Francisco.
Architect—J. C. Hladik, Monadnock Bldg. \$34,000

DWELLING
(561) W 32d ave 75 ft and 100 ft N Santiago st.; (2) 1-story and basement frame dwellings.
Owner—C. S. Allred, 391 Ashton ave.
Architect—None. \$4,000 each

ROOMING HOUSE
(562) E Fillmore 50 ft N Sacramento st.; alter and remodel rooming house.
Owner—M. Barrett, 127 Montgomery st.
Architect—R. Irvine, Call Bldg.
Contractor—J. G. Kincannon, 1706 Geary street. \$5,000

DWELLING
(563) S Wilde 35 ft E Goettingen st.; 1 story and basement frame dwelling.
Owner—A. & A. Federico, 231 Wilde ave.
Architect—None.
Contractor—G. Ansok, 1525 Noe st. \$4,750

CHURCH BUILDING
(564) W 17th ave 150 ft S Ulloa st.; build new foundation, alter and remodel church bldg.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin st.
Architect—Leo J. Devlin, Pacific Bldg.
Contractor—Barrett & Hilp, 918 Harrison st. \$15,000

APARTMENTS
(565) N Washington 50 ft E Powell st.; 2 story and basement reinforced concrete (3) apts.
Owner—Chong Yun, care architect.
Architect—A. A. Cantin, 544 Market st.
Contractor—Hamilton Construction Co., 5144 Geary st. \$11,900

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
89	Boitano	Folioti	25500
(90)	Reid	Johnson	8720
91	Fechner	Zinkand	4500
92	Mercantile	Hinson	6185
93	Crim	American	12500
94	Crim	Boyd	4985
95	Conti	Banfilio	2000
96	Levas	Vukicevich	5400

BLDG.
(89) S FILBERT 100 E Polk E 25 x S 125 W A 25; all work except shades and chandeliers on 3-story and basement bldg.

Owner—Antonio Boitano.
Architect—J. A. Porporato.
Contractor—R. Folioti.
Filed March 1, 1928. Dated Feb. 18, 1928
Rough frame up.....\$4000
Enclosed roof on.....4600
Brown coated.....4800
Completed and accepted.....5100
Usual 35 days.....7000
TOTAL COST \$25,000

Bond \$13,000; sureties, V. Calipano, Thos. Valerio; limit 90 days; forfeit, none; plans and spec. filed.

RESIDENCE
(90) NE FORESTSIDE and Ulloa; all work on 2-story residence.
Owner—Henry A. and Gertrude E. Reid, 45 Brosnan.
Architect—None.
Contractor—Edward A. Johnson, 1229 Ulloa st.
Filed March 2, 1928. Dated Feb. 18, 1928
Roof completed.....2180
1st coat of plaster.....2180

Accepted.....2180
Usual 35 days.....2180
TOTAL COST \$8720
Bond, \$8720; sureties, Frederick Spencer, Frank Oliver; limit 90 days; forfeit, none; plans and spec. filed.

ALTERATIONS
(91) NE FIFTH AVE AND CLEMENT. All work for remodeling stores.
Owner—Selma and Ernest Fechner, Premises.
Architect—None.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco.
Filed Mar. 3, '28. Dated Feb. 29, '28.
Brown coated.....\$1125
Tile floors laid.....1125
Completed.....1125
Usual 35 days.....1125
TOTAL COST \$4500
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.
NOTE:—Permit applied for.

BANK BLDG.
(92) NE CASTRO AND TWENTY-fourth N 89 E 55 S 9 W 25-2 1/2 S — W 29-9 1/2 HA 160. Excavation, concrete, rough and finish carpenter, etc., for two-story bank building.
Owner—Mercantile American Realty Co., 464 California St., San Francisco.
Architect—None.
Contractor—L. A. Hinson.
Filed Mar. 3, '28. Dated Feb. 29, '28.
Monthly payments of.....75%
36 days after.....25%
TOTAL COST, \$6185
Bond, \$3092.50. Surety, Columbia Casualty Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

THEATRE
(93) E MISSION 95 N 20th N 165 E 245 S 165 W 245; painting and decorating on class A theatre bldg.
Owner—Geo. S., Sarah C., Grace M., and Samuel M. Crim and Wm. H. Crim Jr.
Architect—Wm. H. Crim Jr. & G. A. Lansburgh, 425 Kearny st., S. F.
Contractor—American Painting and Decorating Co., 938 Howard st.
Filed March 5, 1928. Dated March 2, 1928
1st and 15th each month.....75%
Usual 35 days.....25%
TOTAL COST \$12,500
Bond \$6250; sureties, C. Santociono, C. Papadimitrou; limit 30 days; forfeit \$150; plans and spec. filed.

(94) LIGHTING AND FIXTURES ON above.
Contractor—Boyd Lighting Fixture Co., 278 Post st.
Filed March 5, 1928. Dated Feb. 21, 1927
On installation.....75%
Usual 35 days.....25%
TOTAL COST \$4985
Bond, \$2497; sureties, Fidelity & Deposit Co. of Md; limit, forfeit, none; plans and spec. filed.

(95) W MISSION & SANTA ROSA Ave. NW 100 x SW 50; painting for 2-story class A bldg.
Owner—Antonio Conti, Colma, Cal.
Architect—Charles Fantoni, 550 Montgomery st.
Contractor—Victor Bonfilio, 810 Union st.
Filed March 6, 1928. Dated March 3, 1928
1st of each month.....75%
Usual 35 days.....25%
TOTAL COST \$2000
Bond, \$1000; sureties, G. Molinari, Armando Rossi; limit, 21 days; forfeit, \$20; plans and spec. filed.

FLATS
(96) LOT 7 BLK. 10, Crocker Amazon Tct.; all work on store and flat bldg.
Owner—James Levas, San Francisco.
Architect—J. C. Hladik, Monadnock Bldg.
Contractor—Peter E. Vukicevich, S. F.
Filed March 7, 1928. Dated Feb. 16, 1928
Floor joists completed.....\$ 750
Roof completed.....625
Brown coated.....625
Completed.....1750
Usual 35 days.....1700
TOTAL COST \$5400
Bond, forfeit, none; limit 130 days; plans and spec. filed.

CESSATION OF LABOR

SAN FRANCISCO COUNTY

March 2 1928—NE 10TH & HOWARD NE alg NW Howard 113.4 to SW Grace x NW 149. owner, Martha W Fischer, contractor, O. Monson and H. E. Rahlman as Monson Bros. Work ceased Dec. 6, 1927.

COMPLETION NOTICES

San Francisco County

Recorded Feb. 29, 1928. NE RUDDEN AVE with S. line Lot 18 Map Ptn Blk 3211 NW alg NE Rudden Ave 25.001 NE alg NW line of Lts 18 and 21 Blk 3211, 25.001 ft. SE alg NE line Lot 21, 25 SW alg NE production of S. line said Lot 18 and alg SE line Lot 18, 25.21 to beg bearing all Lot 18 and Ptn Lot 21, Walter E Hansen to whom it may concern. Feb. 23, 1928

Feb. 29, 1928. COMB INTERSECTION NE Rudden Ave with SE Lot 19 Map Ptn Blk 3211 NW alg NE line Rudden Ave 2.001 NE alg NW line Lot 19 and alg NE production of said line 28.21 to NE line Lot 21 SE alg NE line Lot 21, 25 SW alg NE production of SE line Lot 19 and algo SE line said Lot 19, 28.105 to beg all Lot 19 and Ptn Lot 21, Walter E Hansen to whom it may concern. Feb. 23, 1928

Feb. 29, 1928. NE RUDDEN AVE with NW Ostego Ave NW alg NE Rudden Ave 25.001 NE alg NW line Lot 20 Map Ptn Blk 3211 and alg NE production of said NW line 21 SE alg NE line said Lot 21, 25 to NW Ostego Ave SW alg NW Ostego Ave 98 to beg all Lot 20 and Ptn Lot 21, Walter E Hansen to whom it may concern. Feb. 23, 1928

Feb. 23, 1928. SW COR RAY AND Scott, McCormick Realty Co to whom it may concern. Mar. 1, 1928

Feb. 29, 1928. E WISCONSIN 100 N 20th 25 x 100, G Sterrati to Wm H. Grabin. Jan. 16, 1928

Feb. 29, 1928. LOTS 22 & 23 BLK 572A Sub No 3 Ray View tet, John Gerlach to Wm H. Grabin. Jan. 3, 1928

Feb. 29, 1928. SW OLIVER 150 SE Mission SE 23.6 x SW 178 ptn lot 22 West End Hd Assn Joseph and Elizabeth Metcalf to whom it may concern. Feb. 29, 1928

Feb. 29, 1928. NW ATHENS 24.6 SW Persin Ave SW 25.6 x NW 100 ptn lot 8 Blk 63 Excelsior Hd Assn, Carlo Zupari to Guglielmo Mariani. Feb. 24, 1928

Feb. 29, 1928. LOT 4 BLK 41 REIS Tet, Raymond Dhuyvetter to whom it may concern. Feb. 28, 1928

Feb. 29, 1928. SW JUDAH & 10TH AV. W 65 x S 20, E R Tucker vs C. T. Magill. Feb. 28, 1928

Feb. 29, 1928. W 14TH AVE 125 N Vicente 25 x 127.6, G J Elkinton & Sons to whom it may concern. Feb. 28, 1928

Feb. 29, 1928. LOTS 17 and 18 Demartini Tet (2 compls.) Patrick Horgan to whom it may concern. Feb. 28, 1928

Feb. 29, 1928. LOT 4 BLK 41 REIS TR Raymond Dhuyvetter to whom it may concern. Feb. 28, 1928

Feb. 29, 1928. SW OLIVER 150 SE Mission SE 23.6 x SW 178 ptn lot 22 West End Hd Assn, Joseph and Elizabeth Metcalf to whom it may concern. Feb. 28, 1928

Feb. 29, 1928. SW RAY AND SCOTT McCormick Realty Co to whom it may concern. Mar. 1, 1928

Feb. 29, 1928. LOT 12, BLK 3261, Lots 2 and 3 Blk 3267 Balboa Terrace (3 compls.) Ernest C and Oscar M Hunter to W C Zwieg. Feb. 28, 1928

Feb. 29, 1928. SW 18TH & MISSION Sam and Mary Mazen to whom it may concern. Feb. 27, 1928

Feb. 29, 1928. E MUNICH 300 N Russia ave N 25 x 100, Joseph Johnson to whom it may concern. Feb. 29, 1928

Feb. 29, 1928. E MUNICH 200 N Russia ave N 25 x 100, Joseph Johnson to whom it may concern. Feb. 29, 1928

March 1, 1928. SE MUNICH DIST SW 359 from pt of int thereof with SW Russia ave SW alg SE Munich 273 to NE line of land owned by City & County of S F alg NE line of land owned by S F 193.55 m or 1 to pt SE 100 SE Munich meas at r a thereto NE part with SE Munich 244.8 m or 1 to pt dist SW 300 from SW Russia ave meas at r a thereto NW part with SW Russia ave 100 to pt of beg bearing ptn Blk 92 Excelsior Hd Assn, Alfred J Kronquist to whom it may concern. March 1, 1928

March 1, 1928. E DIVISADERO 50 N Francisco N 25 x E 100 V E Haley to whom it may concern. March 1, 1928

March 1, 1928. N FRANCISCO 93.5 E Broderick E 25 x 100, Bessie and Thomas Rumbold to whom it may concern. Feb. 29, 1928

March 1, 1928. W 14TH AVE 100 S Rivera S 25 W 95.70 NE 25 m or 1 E 93.9 m or 1, Gust Dahlstrom to whom it may concern. March 1, 1928

March 1, 1928. PTN LOT 3 BLK 24 West End Map 2 being SE Ellington ave 160 SW Foote ave SW 26.8 x SE 100 Normand & Nicola Cecchi to Malaspina & Fantozzi. Dec. 17, 1927

March 1, 1928. SE 23RD AVE & Lindcoln way S alg E 23rd ave 25 x E 92.6 A Stone to Trygve Kolsberg. March 1, 1928

March 1, 1928. PTN LOT 3 BLK 24 West End map No 2, being SE Ellington ave dist 160 SW Foote ave rung SW alg Ellington 26.8 SE x 100 Notand and Nicola Cecchi to Malaspina & Fantozzi. Dec. 17, 1927

March 1, 1928. E 30TH AVE 150, 175 and 200 S of Anza, E M Doyle to Thomas Hamill. March 1, 1928

March 2, 1928. N CHESTNUT 87-6 E Baker E 25xN 111-6 Emma C Gunn to William Martin. Feb. 27, 1928

March 2, 1928. SE THIRTIETH AND Laidley E alg S 30th 35-6xS to NE Laidley NW alg NE Laidley 75 m or 1 to S 30th and pt of beg Ptn Lot 123 Blk 23, Map Mission and 30th St. Hd Union, John J Corrigan to Hanson & Sundquist. Feb. 28, 1928

March 2, 1928. NW TWENTY-THIRD AVE and Ulloa 25x100, Ernest Swanson to whom it may concern. Feb. 28, 1928

March 2, 1928. W TWENTY-THIRD AVE 25, 50 and 75 N Ulloa, 25x82-6, Ernest Swanson to whom it may concern. Feb. 28, 1928

March 2, 1928. N ULLOA 82-6 W Twenty-third Ave, 25x100, Ernest Swanson to whom it may concern. Feb. 28, 1928

March 2, 1928. NE SILLIMAN AND Colby, 35 x 89, Joseph Gregorie to whom it may concern. March 2, 1928

March 2, 1928. N ITALY 75 and 50 W London, 25x75, Lindsay Constr Co to whom it may concern. March 2, 1928

March 2, 1928. E EIGHTEENTH AVE 75 N Ortega N 25x E 82-6, Gustaf H Rooh to whom it may concern. Feb. 27, 1928

March 3, 1928. E RYNNBY 175 Sargent 375 x 100 lot 21 Blk 15 City Land Assn Margaret C Drake to whom it may concern. March 1, 1928

March 3, 1928. S BROADWAY 45.6 W Jones W 69 x S 60, Harold G Madison to Aug J Lang Jr. Feb. 27, 1928

March 5, 1928. 250 S Rivera E 120 S 25 W 120 N 25, H S Haines to F Peterson. March 6, 1928

March 3, 1928. N FARALLONES 364 E Orizaba, Harry Walters to whom it may concern. March 3, 1928

March 3, 1928. LOT 11 BLK 6329 EXCELSIOR Hd Assn, Theresa and Joe Perasso to whom it may concern. Feb. 28, 1928

March 3, 1928. NW ELIZABETH & Diamond 33 x W 76.8, Axel R Larson to whom it may concern. March 3, 1928

March 2, 1928. WETMORE ST. off Washington bet. Powell and Mason known as 142-144 Wetmore St., 25x56, Louise Pinocci to Joe Dal Bon. March 2, 1928

March 6, 1928. LOT 30 BLK 3046 MAP blks 3046 and ptn blk 3077 Monterey Hgts. A J Wilde to whom it may concern. March 1, 1928

March 6, 1928. SW CURTIS 25 & 50 SE Brunswick SE 25 x SW 90 ptn lots 1 2, 3 Blk 9 Syndicates 1st Addn, Gus G Johnson to whom it may concern. (2 completions) March 6, 1928

March 6, 1928. E 30TH AVE 250 N Santiago N 25 x E 120, Mary E Reynolds to whom it may concern. March 3, 1928

March 6, 1928. N CHESTNUT 137.6 W Brod-ric, Camille Nardi to Frank J Reilly. March 6, 1928

March 6, 1928. E OCTAVIA 112.6 S Fulton S 25 x E 100.2, Robert O Hoffman to whom it may concern. March 6, 1928

March 6, 1928. N CAMINO DEL MAR Sea Cliff known as 630 Camino Del Mar known as blk 1307 assessors map Edward Lachman to Jacks & Irvine. March 5, 1928

March 5, 1928. NE HOLYOKE 100 NW Bacon NW 25 x NE 120, NE Holyoke 200 NW Bacon NW 50 x NE 120 ptn blk 30 University Mound Survey Louis Silverstein to Meyer Bros. Feb. 21, 1928

March 5, 1928. E MISSION 95 N 20TH N alg E Mission 165 x E 245 to pt on W Camp ptn Blk 62, George S. Sarah C. Grace M and Samuel M Crim to Fredericks Steel Co. Feb. 23, 1928

LIENS FILED

San Francisco County

Feb. 29, 29, 1928. SW KENSINGTON way and SE line lot 44 blk 2995 map blks 2975, 2988 and 2989 Claremont Court Parcel No 2, Albert Cook vs E J Rettberg. Feb. 29, 1928

Feb. 29, 1928. SE PARIS & BRAZIL ave extending SE alg SW Brazil ave 50 x SW 248, known as 301 Paris Greater City Lumber Co vs Guiseppi and Grace Silvestri and A J Simonelli. Feb. 29, 1928

Feb. 29, 1928. S VALLEJO 137.6 W Gough W 60 x S 137.6 being lot 22 blk 568, George R Nelson vs Calif Real Estate & Finance Corp & O A Brown. Feb. 29, 1928

Feb. 29, 1928. W FOLSOM 150 S Powhattan ave, S 25 x W 70, Griffon & Sons vs Al Schmid and Gustave Newman. Feb. 29, 1928

Feb. 29, 1928. N JEFFERSON 106.3 W Scott W 100 x N 159.4, Bernal Sheet Metal Works vs R E Romano. Feb. 29, 1928

Feb. 29, 1928. E ASHBURY 130 S Broderick S 30 x E 100, Sudden Lumber Co vs Florence L Meyer. Feb. 29, 1928

Feb. 29, 1928. LOT 11 BLK 24 Forest Hill, Louis Woloski vs Marion Barker, Louis Goldstein, Esther Jacobson, C M Jacobson. March 1, 1928

March 1, 1928. E 5TH AVE 50 S Santiago S 50 x E 90, Atlas Heating & Ventilating Co vs H J Gardner. March 1, 1928

March 1, 1928. LOT 11 BLK 24 Forest Hill, Pacific Structural Iron Works vs M Barker and Louis Goldstein. March 1, 1928

March 1, 1928. W FOLSOM 150 S Powhattan ave S alg W Folsom 25 x W 70 lot 437 Gift Map No 1 Reinhart Lumber & Planing Mill Co. vs Al Schmid. March 1, 1928

March 1, 1928. LOT 11 BLK 24 Forest Hill also known as lot 6 blk 2860 assessors map book, S G Swanson vs Esther H Jacobson and Goldstein & Barker. March 1, 1928

March 1, 1928. NE 21ST & CAPP, A T Greene vs E J McDermott and F R McKurth. March 1, 1928

March 1, 1928. SW WALLER & ALPINE Terrace ftg on Waller 59.01% on Alpine 75 depth 59.0% rung parl with line of said ppty on Waller & width of 75 rung parl with line of said ppty on Alpine Terrace and being lot 1 blk 1258 at int of said Waller and Alpine Terrace, Rollie D Simkins \$287.50, and Henry Madden \$59, to James E Raymond. March 1, 1928

March 1, 1928. W 11TH AV 250 S California S 25 x W 120, H I Jacobs vs R Leon Lawrence, Lester L Frank. March 1, 1928

March 1, 1928. LOT 11 BLK 24 Forest Hill, Pacific Structural Iron Works vs M Barker and Louis Goldstein. March 2, 1928

March 2, 1928. LOT 15 BLK 503 known as 2842 Franklin st. Gladding, McBean & Co. vs. March 2, 1928

March 2, 1928. LOT 11 BLK 24 Forest Hill, Ginsberg Tile Co., \$842.68, and Pacific Sheet Metal & Furnace Co, \$734.87, vs Marion Barker, Louis Goldstein, Esther H and C M Jacobson. March 6, 1928

March 6, 1928. S WALLER & W Alpine W 59.01% x S 75, United Lighting Fixture Co vs James R and Georgia C Raymond. March 5, 1928

March 5, 1928. NW JEFFERSON & Baker 95.375 x W 120 WA 562, Martin Allen vs Carmelita and Euren Aureguy. March 5, 1928

March 3, 1928. E 23RD AVE 100 N Taraval N 25 x E 120, A J Ruhlman & Co. vs Thomas Charles Walker & Inglis & Westrup. March 3, 1928

March 3, 1928. LOT 11 BLK 24 Forest Hill, E P Davis vs Marion Barker, C M and Esther H Jacobson. March 3, 1928

March 3, 1928. NW TURK & WEBSTER N alg Webster 50 x W 95, Meda Art tile Co vs Jesse D Hannah & Herman Kohwes. March 2, 1928

March 2, 1928. SW WALLER & Alpine ext 59.01% W alg S Waller and S 75 alg W line Alpine known as lot 1 blk 1258 assessors map, Redwood Manufacturing Co vs James and Georgia C Raymond. March 3, 1928

March 3, 1928. W VERMONT 75 S 18th S 25 x W 100, Oscar Parks vs F C Wolpert and wife. March 3, 1928

March 3, 1928. N FARALLONES 390 E Orizaba E 25 x N 125 ptn lot 8 blk L Railroad Hd Assn, Oscar Parks vs

F C Wolpert and wife and A L Crawford and wife.....	\$225
March 3, 1928—N LOBOS 60 E Orizaba E on N Lobos 30 x N 75. Oscar Parks vs F C Wolpert and wife.....	\$100
March 3, 1928—N LOBOS 30 E Orizaba E 30 x N 75. Oscar Parks vs F C Wolpert and wife.....	\$96.40
March 5, 1928—S BROADWAY 114.8 E Jones E alg S Broadway 26.3 x 60. R H Holmes and Leonard Jacobson as Holmes & Jacobson vs Ina Coolbrith.....	\$559.50
March 6, 1928—W 33RD AVE 125 S Taraval S alg W 33rd ave 25 x W 120 ptn O L 1164 also known as lot 3 blk 2392 assessors map book otherwise known as 2425 33rd ave. Chamberlin Metal Weather Strip Co vs Robert F Malburg, Jennie Malburg, Parkside Realty Co.....	\$529.40
March 6, 1928—S VALLEJO 137.6 W Gough W 60 x S 137.6. Steelform Contracting Co vs Calif Real Estate & Finance Corp.....	\$154.25
March 6, 1928—E DIVISADERO 107.6 N Grove N 30 x E 137.6. Ginsberg Tile Co vs Joseph Johnson, Larus Erlendson.....	\$1279.75
March 6, 1928—NW CLEMENT & 31st ave W alg N Clement 32.6 x N 100. Royal Floor Co vs Lawrence Costello & T B Belmont.....	\$525
March 6, 1928—LOT 11 BLK 24 Forest Hill. R S Holding vs Esther H Jacobsen, Louis Goldstein and Marion Barker.....	\$47
March 6, 1928—SW WALLER & Alpine Terrace known as 855 Waller st Harry C Davis vs Jas E Raymond.....	\$1009
March 6, 1928—S CLEMENT 100 W 14th ave W 25 x S 100. Russell Hinton vs David J & Maybelle Arata.....	\$925.15

RELEASE OF LIENS

San Francisco County

Recorded	Amount
Feb. 28, 1928—W 38TH AVE 125 S Taraval S alg W 38th ave 100 x W 120 T I Butler to James A Cadden, Frank A Bonivert & M E Dowell.....	\$750
Feb. 27, 1928—N VALLEJO 150 E Laguna E 50xN 137-6. Mission Concrete Co to Nineteen Fifty-eight Vallejo St. Inc.....	\$8090
March 3, 1928—N JEFFERSON 106-3 E Divisadero E 50 N 129-4 1/2 W 25 S 30 W 25 S 99-4 1/2. W P Fuller & Co; Incandescent Supply Co; Sudden Lumber Co; E Sugarman; J H Black; Ginsberg Tile Co; Folsom Street Iron Works; D Seghieri & Co, Inc; P Furnell; Atlas Heating & Ventilating Co to G Tocchini and John Harder.....	\$200
March 2, 1928—NW GEARY & 2ND ave W 50 x N 100. D Zelinsky & Sons to Ella C & Louis Graham.....	
March 2, 1928—COMG AT PT 275 from SE cor Irving and 23rd st 25 S alg 23rd ave 120 W 25 N 120 E being lot 9 blk 1778 fmly blk 695 Sunset Ginsberg Tile Co to Alfred F and Florence Spencer.....	\$200
March 2, 1928—E PIERCE 75 S Corna way S 50 x E 100. Lally Co to Miller Moore.....	
March 2, 1928—E FUNSTON 100 N Geary N 25 x E 120. J H Kruse to Charles and Ethel D Schmitz, J E Barker.....	
March 1, 1928—N WALLER 156.3 E Pierce E 25 x N 137.6. J H Kruse to Annie Meltzner and Walter F Hughes.....	
Feb. 29, 1928—S HAIGHT 27.6 W Pierce W 27.6 x S 87.6 Henry Ernst & Sons to Elizabeth J Bell.....	
March 6, 1928—LOT 2B BLK 912. N Jefferson 106.3 E Divisadero. Inland Floor Co to.....	
March 5, 1928—N JEFFERSON 156.3 E Divisadero E 25 x N 129.4 1/2. Reinhart Lumber & Planing Mill Co to John Harder, Fred A and Mable and Harry J Tocchini.....	

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
460	Bear	Spivock	5500
461	Botkins	Owner	4450
462	Crosby	Owner	3000
463	Capwell	Drake	9500
464	Davis	Davis	22000
465	Reich	Kulchar	1500

466	Davis	22000
467	Erickson	Owner 3200
468	Havens	Yelland 5000
469	Perry	Rose 1900
470	Transon	Cederborg 3600
471	Beeson	Owner 6500
472	Berger	Rose 2000
473	Ferrari	Cisero 3000
474	Feigenberg	Leland 1000
475	McDevitt	Beverleigh 3000
476	Monez	Owner 6000
477	Sigwald	Owner 2625
478	Wirth	Owner 4700
479	Woolsey	Owner 4750
480	Anthony	Cahill 220000
481	Netherby	Owner 4000
482	Swan	Knowles 30000
483	Groden	Owner 3750
484	Hougard	Kats 2100
485	Hougard	Kats 2100
486	Jhrig	Thorpe 5000
487	Justice	Owner 4000
488	Murphy	Owner 6000
489	Norris	Owner 55000
490	Perkins	Farringer 2000
491	Colo-Cola	Windsor 1000
492	Gilardson	Owner 3500
493	Gustafson	Owner 3500
494	Hall	Owner 2500
495	Lahe	Austin 9000
496	Larmer	Owner 5375
497	Nelson	Drugin 5000
498	Thomson	Parker 2000
499	Fleming	Sparr 1000
500	Greig	Harris 4750
501	Perry	Lassing 1000
502	Bruning	Scott 2900
503	Busk	Owner 1500
504	Brown	Swanstrom 4000
505	Banning	Owner 7500
506	Claremont	Taylor 240000
507	Birder	Woodham 3000
508	Gaubert	Owner 4500
509	Fitzhenry	Delucchi 2800
510	Ludwig	Matheyer 10000
511	Oakland	Branagh 29401
512	Oakland	Bartlett 45409
513	Oakland	Olson 46600
514	Peterson	Taylor 1500
515	Broadhead	Owner 4000
516	Bischoff	Owner 3500
517	Gross	Owner 4000
518	Nilson	Owner 4000
519	Anderson	Johnson 2700
520	Bank	Kulchar 10000
521	Bellingall	Garvey 1500
522	Buhman	Owner 3000
523	Dunham	Owner 2000
524	Diel	Anderson 2000
525	Hoge	De Velbiss 26335
526	Johnson	Owner 2800
527	Ney	Owner 2500
528	Olson	Owner 2600

ALTERATIONS

(460) 2505 MAGNOLIA St., Oakland; alterations.
Owner—Bear Photo Service.
Architect—None.
Contractor—Spivock & Spivock, 609 Hobart Bldg., S. F. \$5500

DWELLING

(461) N SCOTT St. 734 E 98th ave., Oakland; 1-story 5-room dwelling and garage.
Owner—Leslie C. Botkins, 9512 Sunny-side St., Oakland. \$4450
Architect—None.

DWELLING

(462) W 78TH AVE. 37 N Holly st., Oakland; 1-story 5-room dwelling.
Owner—Geo. W. Crosby, 1601 78th ave., Oakland.
Architect—None. \$3000

ALTERATIONS

(463) 1938-40-42 Telegraph ave., Oakland; alterations.
Owner—Capwell Co.
Architect—None.
Contractor—H. E. Drake, Builders' Exchange. \$9500

APARTMENTS

(464) 1930 CURTIS St., Berkeley; 2-story 24-room apt. house.
Owner—Grace Davis, 1915 Russell Berkeley.
Architect—Mr. Berlin, 2817 Regent st., Berkeley.
Contractor—A. G. Davis, 1915 Myrtle, Berkeley. \$22,000

ALTERATIONS

(465) 1528 BROADWAY, Oakland; alterations.
Owner—Sylvain Reich.
Architect—None.
Contractor—S. Kulchar Co., 8th ave and E-12th st., Oakland. \$1500

APARTMENTS

(466) NO. 1930 CURTIS St., Berkeley. Two-story 24-room stucco apartment building.
Owner—Grose Davis, 1915 Russell St., Berkeley.
Architect—Brelm, 2817 Regent St., Berkeley.
Contractor—A. G. Davis, 1915 Russell St., Berkeley. \$22,000

RESIDENCE

(467) NO. 1315 ADDISON St., Berkeley. One-story 5-room 1-family residence
Owner—Carl Erickson, 1055 Nielson St., Berkeley.
Architect—None. \$3200

ALTERATIONS

(468) NO. 2267 SHATTUCK AVE., Berkeley. Alterations.
Owner—J. Havens, Berkeley.
Architect—None.
Contractor—W. R. Yelland, 1404 Franklin St., Oakland. \$5000

ALTERATIONS

(469) No. 2418 COLLEGE AVE., Berkeley. Alterations.
Owner—W. W. Perry.
Architect—None.
Contractor—A. H. Rose, 3438 35th Ave., Oakland. \$1900

RESIDENCE

(470) NO. 1343 CARLTON ST., Berkeley. One-story 4-room 1-family residence.
Owner—J. Transon, 1645 Fairview St., Berkeley.
Architect—C. M. Swanson, 1453 Excelsior Ave., Oakland.
Contractor—A. Cederborg. \$3600

DWELLING

(471) W GENOA St. 47 S Arlington, Oakland; 1-story 4-family dwelling.
Owner—W. E. Beeson, 885 55th st., Oakland.
Architect—None. \$6500

REPAIRS

(472) 721 WESLEY Ave., Oakland; fire repairs.
Owner—R. E. Berger, 721 Wesley ave., Oakland.
Architect—None.
Contractor—A. H. Rose, 478 25th st., Oakland. \$2000

DWELLING

(473) 4950 CORONADO St., Oakland; 1-story 4-room dwelling.
Owner—P. Ferrari, 4955 Desmond st., Oakland.
Architect—None.
Contractor—John Cisero, 474 42nd st., Oakland. \$3000

CHIMNEY

(474) 467 LAGUNITAS Ave., Oakland; brick chimney and boiler.
Owner—Feigenberg & Bacharath.
Architect—None.
Contractor—W. S. Leland Co., 4124 Broadway. \$1000

DWELLING

(475) 3715 VIRDEN Ave., Oakland; 1-story 6-room dwelling.
Owner—Frank McDevitt, 3514 Hopkins st., Oakland.
Architect—None.
Contractor—E. R. Beverleigh, 3278 Kansas st., Oakland. \$3000

(476) 4015 & 4021 WATERHOUSE Rd., Oakland; two 1-story 5-room dwellings.
Owner—A. H. Monez, 4026 Everett ave., Oakland.
Architect—None. \$3000 each

DWELLING

(477) 3964 BARNER St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$2625

DWELLING

(478) 3649 VICTOR Ave., Oakland; 1-story 6-room dwelling and garage.
Owner—L. Wirth, 739 6th ave., Oakland.
Architect—None. \$4700

DWELLING

(479) N 66TH St. 400 W Deakin, Oakland; 1-story 5-room dwelling.
Owner—W. P. Woolsey, 560 66th st., Oakland.
Architect—None. \$4750

GARAGE

(480) NE HARRISON AND HOBART, Oakland. Three-story concrete garage.

Owner—Lafayette Anthony, Inc., 201 Van Ness Ave., San Francisco.
Architect—Lawrence & Alinden, 65 Market St., San Francisco.
Contractor—Carroll Bros., 206 Sansome St., San Francisco. \$220,000

DWELLING
(484) N. GOLDEN GATE AVE 101 E. Chas. Roads, Oakland. One-story 5-room dwelling.
Owner—W. A. Northby, 3879 Fruitvale Ave., Oakland.
Architect—None. \$1000

ALTERATIONS
(485) S. TENTH ST., bet. Washington and Clay, Oakland. Alterations.
Owner—Sherwood Swan & Co.
Architect—None.
Contractor—Wm. Knowles, 1211 Webster St., Oakland. \$30,000

DWELLING
(486) NO. 1022 MOIND ST., Alameda. One-story 5-room stucco finish dwelling.
Owner—J. J. Groden, 1028 San Antonio Ave., Alameda.
Architect—None. \$3750

DWELLING
(384) NO. 456-A TAYLOR AVE., Alameda. One-story 4-room stucco finish dwelling.
Owner—A. V. Hougard, 717½ Haight Ave., Alameda.
Architect—None.
Contractor—Wm. Kats, Oakland. \$2100

DWELLING
(385) NO. 160-A TAYLOR AVE., Alameda. One-story 4-room stucco finish dwelling.
Owner—A. V. Hougard, 717½ Haight Ave., Alameda.
Architect—None.
Contractor—Wm. Kats, Oakland. \$2100

DWELLING
(386) NO. 1815 CORNELL DRIVE, Alameda. One-story 6-room stucco finish dwelling.
Owner—W. Thrig, 1162 Broadway, Alameda.
Architect—Ralph E. Wood, 1801 Franklin St., Oakland.
Contractor—W. E. Thorpe, 1177 Regent St., Alameda. \$5000

DWELLING
(387) NO. 919 BROADWAY, Alameda. One-story 6-room cement plaster finish dwelling.
Owner—N. J. Justice, 3232 Bayo Vista Ave., Alameda.
Architect—None. \$4000

DWELLING
(388) NO. 1622 VERSAILLES AVE., Alameda. One-story 7-room stucco finish dwelling.
Owner—J. E. Murphy, 514 23rd St., Oakland.
Architect—None. \$6000

APARTMENTS
(389) NO. 620-621 SANTA CLARA AVE., Alameda. Three-story 60-room stucco finish apartment house.
Owner—Justus Norris, 365 17th St., Oakland.
Architect—J. Watson Oliver, 3720 Foot-hill Blvd., Oakland. \$55,000

ADDITIONS
(390) NO. 117 TAYLOR AVE., Alameda. Additions to house.
Owner—Frank Perkins, Premises.
Architect—None.
Contractor—J. A. Farringer, 1801 Central Ave., Alameda. \$2000

ALTERATIONS
(491) 301 CHAPMAN ST., Oakland; alterations and addition.
Owner—Coca-Cola Bottling Works, 3001 Chapman St.
Architect—None.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland. \$1000

DWELLING
(492) W. WEST AVE., 108 N. Trask St., Oakland. 1-story 5-room dwelling.
Owner—W. A. Gordin, 2135 26th Ave., Oakland.
Architect—None. \$3500

DWELLING
(493) 1315 E. 34TH ST., Oakland. 1-story 5-room dwelling.
Owner—C. H. Gustafson, 3306B Flagg Ave., Oakland.
Architect—None. \$2500

DWELLING
(494) 1301 BROWN AVE., Oakland; 1-story 6-room dwelling.
Owner—Martin Hall, 2331 Hampel St., Oakland.
Architect—None. \$3500

FACTORY
(495) W. MAGNOLIA ST. 100 N. 26th St., Oakland; 1-story factory.
Owner—Laher Auto Spring Co., 26th and Magnolia St., Oakland.
Architect—None.
Contractor—Austin Co. of Calif., 241 Kearny St., S. F. \$9000

DWELLING
(496) W. UNDERHILLS Rd. 800 E. Grosvenor Rd., Oakland; 2-story 6-room dwelling and garage.
Owner—Edward Larmer, 90 Fairview Ave., Oakland.
Architect—None. \$5375

STORES
(497) SE. FT. BLVD. and 75th Ave., Oakland; 1-story stores.
Owner—John A. Nelson, 3922 LaCresta Ave., Oakland.
Architect—None.
Contractor—F. W. Durgin, 3922 LaCresta Ave., Oakland. \$5000

ALTERATIONS
(498) 1623-25 FOURTH AVE., Oakland; alterations and addition.
Owner—A. E. Thompson, 1622 4th Ave.
Architect—None.
Contractor—A. R. Parker, 336 Ft. Blvd., Oakland. \$2000

ALTERATIONS
(499) NO. 2977 PIEDMONT AVE., Berkeley. Alterations.
Owner—R. M. Fleming.
Architect—None.
Contractor—J. Sparr, 2432 Spaulding Ave., Berkeley. \$1050

RESIDENCE
(500) NO. 17 ROSLYN COURT, Berkeley. One-story 5-room 1-family residence and garage.
Owner—Mrs. Edith Greig, 1745 Bancroft Way, Berkeley.
Architect—None.
Contractor—G. V. Harris. \$4750

ALTERATIONS
(501) NO. 1211 SPRUCE ST., Berkeley. Alterations.
Owner—Miss E. Perry, 1729 Arch St., Berkeley.
Architect—None.
Contractor—T. G. Lassing, 47 Canyon Road, Berkeley. \$1000

ALTERATIONS
(502) 2122-30 HOPKINS ST., Oakland; alterations.
Owner—F. H. Bruning, 1027 Myrtle St., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. \$2500

DWELLING
(503) W. WHITTLE AVE. 250 N. Wilbur St., Oakland; 1-story 4-room dwelling.
Owner—O. A. Brusk, 4003 Whittle Ave., Oakland.
Architect—None. \$1500

SHOP
(504) 225 6TH ST., Oakland; 1-story brick and tile shop.
Owner—W. I. Brown, 2nd and Broadway, Oakland.

Architect—R. I. Schuppert, 4637 Park Blvd., Oakland.
Contractor—Geo. Swannstrom, 1723 Webster St., Oakland. \$4000

ALTERATIONS
(505) 285 VAN BUREN AVE., Oakland alterations and addition.
Owner—K. H. Banning, 1510 Franklin St., Oakland.
Architect—None. \$7500

CLUB HOUSE
(506) CLAREMONT COUNTRY CLUB Grounds, Oakland; 3-story 40-room club house.
Owner—Claremont Country Club.
Architect—G. W. Kelham, 315 Montgomery St., S. F.
Contractor—Taylor & Jackson, 290 Te-hama St., S. F. \$240,000

DWELLING
(507) S. PLYMOUTH ST. 55 E. 99th Ave., Oakland; 1-story 5-room dwelling.
Owner—Girdler & Woodham, 3341 Harrison St., Oakland.
Architect—None.
Contractor—H. C. Woodham, 3241 Harrison St., Oakland. \$3000

DWELLING
(508) 6753 CHABOT CREST, Oakland; 1-story 6-room dwelling.
Owner—N. Gaubert, 4735 Brookdale Ave., Oakland.
Architect—None. \$4500

ALTERATIONS
(509) NE 14TH & Filbert Sts., Oakland; alterations.
Owner—A. Fitzhenry, 1415 Chestnut St., Oakland.
Architect—None.
Contractor—P. Delucchi, 5443 Claremont Ave., Oakland. \$2800

DWELLING
(510) N. BARBARA Rd. 150 W. Excelsior Ave., Oakland; 2-story 9-room dwelling.
Owner—H. R. Ludwig.
Architect—G. H. Vore.
Contractor—L. B. Matheyer Co., 3178 Birdsall Ave., Oakland. \$10,000

SCHOOL
(511) W. HARRISON ST. 415 N. 26th St., Oakland; 1-story brick school.
Owner—Oakland Public Schools.
Architect—J. I. Easterly, 337 17th St., Oakland.
Contractor—J. E. Branagh, 184 Perry St., Oakland. \$28,404

GYMNASIUM
(512) W. HARRISON ST. 656 N. 26th St., Oakland; 1-story brick gymnasium.
Owner—Oakland Public Schools.
Architect—J. I. Easterly, 337 17th St., Oakland.
Contractor—John Bartlett, 354 Hobart St., Oakland. \$45,409

SCHOOL
(513) NE E-17TH ST. and 28th Ave., Oakland; 1-story brick school.
Owner—Oakland Public Schools.
Architect—J. I. Easterly, 337 17th St., Oakland.
Contractor—Alfred Olson, 631 Viona Ave., Oakland. \$46,600

GARAGE
(514) S. BROOKDALE AVE. 100 W. 38th Ave., Oakland; 1-story tile garage.
Owner—Laura Peterson, 2223 Telegraph Ave., Oakland.
Architect—None.
Contractor—G. Taylor, 1720 Parker St., Oakland. \$1500

RESIDENCE
(515) NO. 1564 BEVERLY PLACE, Berkeley. One-story 6-room 1-family residence.
Owner—F. Broadhead, 1232 Glen Ave., Berkeley.
Architect—None. \$4000

ALTERATIONS
(516) NO. 2113-15-17-19 SHATTUCK AVE., Berkeley. Alterations.
Owner—J. S. Bischoff, 2717 Russell St., Berkeley.
Architect—None. \$3500

RESIDENCE
(517) NO. 916 CRAGMONT AVE., Berkeley. Two-story 6-room residence.
Owner—H. B. Gross, 41 Lenox Road, Berkeley.
Architect—Thomas Bros., 17th St., Oakland. \$4000

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE
 (518) NO. 1518 JOSEPHINE St., Berkeley. One-story 6-room residence. Owner—R. E. Nilson, 1201 Bancroft Way, Berkeley. Architect—None. \$4000

DWELLING
 (519) N BAYO St. 130 E 39th ave., Oakland; 1-story 5-room dwelling. Owner—Chas. Anderson, 66th ave., Oakland. Architect—None. Contractor—Carl Johnson, 2185 50th ave., Oakland. \$2700

ALTERATIONS
 (520) NE E-14th st. and 23rd ave., Oakland; alterations. Owner—Bank of Italy. Architect—H. A. Minton, Bank of Italy Bldg., S. F. Contractor—S. Kulchar Co., 8th ave and E-10th st., Oakland. \$10,000

ALTERATIONS
 (521) 1821 FILBERT St., Oakland; alterations and addition. Owner—Corra V. Bellington, 1821 Filbert. Architect—None. Contractor—John J. Garvey, 1517 Filbert st., Oakland. \$1500

DWELLING
 (522) 5405 EL CAMILLE Ave., Oakland; 1-story 5-room dwelling. Owner—P. H. Buhman, 5401 El Camille ave., Oakland. Architect—None. \$3000

DWELLING
 (523) 3319 BRYAN St. (rear) Oakland; 1-story 4-room dwelling. Owner—R. E. Dunham, 3319 Bryant st. Architect—None. \$2000

ALTERATIONS
 (524) 469-75 7TH ST., Oakland; alterations. Owner—A. E. Diel, 469 7th st. Architect—None. Contractor—John Andersen, 874 24th st., Oakland. \$2000

STORES
 (525) NE LAKESHORE and Lake Park aves., Oakland; 1-story 7-room brick stores. Owner—L. B. Hoge, Pacific Bldg., S. F. Architect—F. H. Reimers, Franklin Bldg., Oakland. Contractor—C. D. DeVelbiss, 354 Hobart st., Oakland. \$26,335

DWELLING
 (526) N BAYO St. 160 E 39th ave., Oakland; 1-story 5-room dwelling. Owner—Carl Johnson, 2185 50th ave., Oakland. Architect—None. \$2800

DWELLING
 (527) 5067 CONGRESS Ave., Oakland; 1-story 4-room dwelling. Owner—Johanna B. Ney, 827 E-28th st., Oakland. Architect—None. \$2500

DWELLING
 (528) N TOMPKINS St. 35 W Carson st., Oakland; 1-story 4-room dwelling & garage. Owner—August Olson, 4019 Quigley st., Oakland. Architect—None. \$2600

LEASES

SAN FRANCISCO COUNTY

March 1, 1928—Arthur Lyman and Gertrude Lyman to Emil A. and Aurelia D. Adams—NW California & 10th ave N 45 x W 81 10 years \$45,000.
 Feb. 23, 1926—Wilson McClelland to J P and Della C O'Brien—E Folsom 50 N 20th N 45 x E 95 3 years \$9000.

BUILDING CONTRACTS

Alameda County

72 Bowles	S. F.	18075
73 Ford	Mohr	1405
74 Claremont	Jackson	238878
75 Pacific	Richardson	1315
76 Bear	Spivock	5500
77 Collier	Jacobs	6500
78 Cooper	Anderson	8300
79 Langley	Western	2320
80 Langley	Fair	1820

DORMITORY
 (72) CAMPUS OF UNIVERSITY of California, Berkeley; lathing and plastering of dormitory bldg. Owner—Mary A. Bowles, Sharon Bldg., S. F. Architect—None. Contractor—S. F. Plastering & Lathing Co., 872 Folsom st., S. F. Filed Feb. 29, 1928. Dated Feb. 16, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$18,075
 Bond, \$9037.50; surety, Nat. Surety Co; limit, June 1, 1928; forfeit, none; plans and spec. filed.

PLANT
 (73) EAST LINE PERALTA St. 36.353 W 26th st; painting gravel dist. plant. Owner—Wm. H. Ford, 2120 E-14th st., Oakland. Architect—J. C. Buckbee Co. Contractor—J. A. Mohr & Sons, Inc., 433 11th st., S. F. Filed Feb. 29, 1928. Dated Feb. 18, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$1405
 Bond \$702.50; surety, Fidelity & Dep. Vo. of Md.; limit, forfeit, none; plans and spec. filed.

CLUB BLDG.
 (74) LOTS 26 TO 29 Inc except ptn of lots 47, Rock Ridge, Oak twp; all work on 2-story and basement frame club bldg. Owner—Claremont Country Club, Broadway and Clifton, Oakland. Architect—George W. Kelham, 315 Montgomery st., S. F. Contractor—Taylor & Jackson, 270 Tehama st., S. F. Filed March 2, 1928. Dated Feb. 27, 1928
 Monthly85%
 Usual 35 days15%
TOTAL COST \$238,878
 Bond, \$119,439; sureties, James Tyson. Frank Marini; limit, forfeit, none; spec. and plans filed.

ROOFING
 (75) COMPANY'S STATION C, Oakland; installing composition roofing. Owner—Pacific Gas & Electric Co., 17th and Clay sts., Oakland. Architect—None. Contractor—Richardson Roofing Co., 277 Pine st., S. F. Filed March 2, 1928. Dated Jan. 31, 1928
 Monthly75%
 Usual 35 days25%
TOTAL COST \$1315
 Bond \$1315; surety, Fidelity & Deposit Co. of Md; forfeit, limit, none; plans and spec. filed.

ALTERATIONS
 (76) 2505-09 MAGNOLIA St., Oakland; additions and alterations. Owner—Bear Photo Service and O. C. Hansen, 715 12th st., Oakland. Architect—None. Contractor—Spivock & Spivock, 609 Hobart Bldg., S. F. Filed March 5, 1928. Dated Feb. 27, 1928
 5 equal payment as work progresses\$1100 each
TOTAL COST \$550
 Bond, limit, forfeit, none; no plans or spec. filed.
 Building permit applied for.

BLDG.
 (77) LOT 41 BLK 5, 4th Ave Heights Tct., Oakland; all work on 1-story building. Owner—John J. and Josie Collier, 3317 Bruce st., Oakland. Architect—None. Contractor—Jacobs & Pattioni, 1737 Webster, Oakland. Filed March 5, 1928. Dated Feb. 21, 1928
 Foundation and garage in.....\$ 875
 Ready for 1st coat plaster.....1000
 Brown coated1000
 Plastering complete, windows in.....1000
 Completed and accepted1000
 Usual 35 days1625
TOTAL COST \$6500
 Bond \$3250; sureties, A. P. and Arthur Jacobs; limit, 85 working days; forfeit, \$1.50 per day; plans and spec. filed.

STORE
 (78) SW EAST 14TH St. 99 SE Peralta, San Leandro; all work on store and flat bldg. Owner—Earl F. Cooper, 271 Davis, San Leandro. Architect—Lawrence Flagg Hyde, 372 Hanover, Oakland. Contractor—E. Andersen, San Leandro. Filed March 5, 1928. Dated March 1, 1928
 Frame up\$2075
 Brown coated2075
 Completed2075
 Usual 35 days2075
TOTAL COST \$8200
 Bond \$4200; surety, Fidelity and Dep. Co. of Md; limit, May 24, 1928; forfeit, \$10 per day; plans and spec. filed.

WAREHOUSE
 (79) SW NINTH and Castro sts., Oakland; furnish and install all deafening including addenda. Owner—Langley & Michaels, 7th and Bay, Oakland. Architect—None. Contractor—Clinton Const. Co., 903 Folsom st., S. F. Sub-contractor—Western Asbestos Magnesite Co., 25 South Park, S. F. Filed March 5, 1928. Dated March 2, 1928
 10th of month75%
 Usual 35 days25%
TOTAL COST \$232
 Bond, limit, forfeit, none; no plans or spec. filed.

WAREHOUSE
 (80) SW NINTH and Castro sts., Oakland; install misc. iron work. Owner—Langley & Michaels, 50 1st st., S. F. Architect—Henry H. Meyers; 1172 61st ave., Oakland. Contractor—Clinton Const. Co. Sub-contractor—Fair Mfg. Co., S. F. Filed March 6, 1928. Dated March 2, 1928
 10th of each month75%
 Usual 35 days25%
TOTAL COST \$1320
 Bond, forfeit, limit, none; no plans or spec. filed.

COMPLETION NOTICES

Alameda County

Recorded	Accepted
March 1, 1928—3135 PERALTA AVE, Oakland. Laurence F and Florence Farrell to W A Netherby. Feb. 29, 1928	
March 1, 1928—NE VIRGINIA ST & Scenic ave, Berkeley J Erick Johanson to whom it may concern. Feb. 29, 28	
March 1, 1928—1710 MORELAND DR, Alameda. Adolph Morgensen to whom it may concern. Feb. 27, 1928	
March 1, 1928—7506 HOLLY ST, Oakland. Rugg & Lisbon to whom it may concern. Feb. 29, 1928	
March 1, 1928—7500 HOLLY ST, Oakland. Rugg & Lisbon to whom it may concern. Feb. 29, 1928	
March 1, 1928—2398 MCGEE St, Oakland. Ira H Latour to whom it may concern. Mar. 1, 1928	
Feb. 29, 1928—2125 NINTH AVE, Oakland. Dan Davini to A R Parker. Feb. 25, 1928	
Feb. 28, 1928—LOF 33 BLK 2, Berkeley Heights, Berkeley, M E de Rodriguez to W H Hooper. Feb. 23, 1928	
Feb. 28, 1928 — LOTS 53-54 BLK 1, Chevrolet Park, Oakland. Lewis Orr to whom it may concern. Feb. 28, 1928	
Feb. 28, 1928—2513-2515 FULTON ST, Berkeley. C L Van Meter to Victor R Gede. Feb. 27, 1928	
Feb. 28, 1928—SE DWIGHT WAY AND Fulton st, Berkeley. C L Van Meter to Victor R Gede. Feb. 23, 1928	

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

LIENS FILED

Alameda County

Feb. 28, 1928—LOT 22 BLK 13, Oak-
land Highlands, Oakland Irwin H
Rangers to whom it may concern
Feb. 21, 1928
Mar. 2, 1928—FIFTH AND KIRKHAM
ST., Oakland, Southern Pacific Co
to Hutchins & Co. Feb. 27, 1928
March 3, 1928—LOT 59, Lakeshore
Manner, Oakland, T A Westphal to
Levy M. Rand March 3, 1928
March 3, 1928—W BENTON ST. 66.70
N 1200 Ave Alameda, Katherine
Ann O'Gorman to whom it may con-
cern March 1, 1928
March 3, 1928—SE 100TH AVE and SW
Plymouth, Oakland, Karl Trippel
to whom it may concern, Feb. 29, 1928
March 3, 1928—LOTS 81 AND 85, Dutton
Manner Addition, San Leandro, Hazel
S. Anderson to whom it may con-
cern Feb. 27, 1928
March 3, 1928—NO. 170 WILLIAMS ST.,
San Leandro, Tony Enos Perry to
J. M. Boga Feb. 18, 1928
March 2, 1928—3021-3026 DAKOTA ST.,
Oakland, Amelia R. Lahare to Alex
F. Marshall Feb. 15, 1928
March 2, 1928—LOT 133 & PTN LOT
131 blk 23, Amended map of Havens-
court, Oakland, Geoffrey P. Watkins
to whom it may concern, Feb. 27, 1928
March 2, 1928—683 SAN LOUIS RD.,
Berkeley, R K Schmidt to whom it
may concern, Feb. 28, 1928
March 6, 1928—LOT 27 & SE 15 LOTS
22, 23, 24, 25, 26 blk E Hilton tet, Oak-
land, George Gilbert to whom it may
concern, March 6, 1928
March 6, 1928—LOT 27 BLK 6 MAP
Regents Park No. 6, Albany, G E
Carlson to whom it may concern
March 6, 1928
March 6, 1928—PTN LOT 1 BLK 1,
revised map of Eden Park, Oakland
Ramon J. and Clara D. Blanco to
whom it may concern, March 5, 1928
March 6, 1928—PTN LOT 1 BLK 1,
Montclair Estates, Helen A. Watson
to whom it may concern, March 2, 1928
March 6, 1928—S 28TH AVE 104.15 E
Angelo ave, Oakland, M. Blumenfeld
and L. H. Goldsmith to Jasper Stacey
Co., Feb. 28, 1928
March 6, 1928—S 38TH AVE 104.15 E
Angelo ave, Oakland, M. Blumenfeld
and L. H. Goldsmith to whom it may
concern, Feb. 28, 1928
March 6, 1928—LOT 6 BLK 8 Arden
Place, Oakland Highlands, Oakland,
John W. and Lillian P. Hagan to Elmo
H. Adams, Mar. 3, 1928
March 6, 1928—LOT 26 ADDISON ST
Tet, Berkeley, H. L. Morton to Calif
Builders Co., March 5, 1928
March 6, 1928—N ORCHARD ST 150
W Summit St, Oakland, Peralta Hospi-
tal Inc, fmy Hillcrest Hospital Inc
to Dealers Refrigerator Co., Feb. 27, 1928
March 6, 1928—N ORCHARD ST 150
W Summit st., Oakland, Peralta
Hospital Inc, fmy Hillcrest Hospital
Inc to Truseon Steel Co., Feb. 23, 1928
March 6, 1928—LOT 106 MONTERA,
Oakland, Samuel W. and Martha M.
Daugherty to Better Homes Corp.,
March 1, 1928
March 5, 1928—S 8TH ST 75 S BAY,
Oakland, William J. and Arthur J.
Schaffer to Sommerstrom Bros.,
Feb. 29, 1928
March 5, 1928—1615 PORTLAND AVE,
Berkeley, A C Kaiser to whom it may
concern, March 3, 1928
March 5, 1928—LOT 337 OAK KNOLLS
Unit C, Oakland, D J Kiernan to
whom it may concern, March 5, 1928
March 5, 1928—3536 BOSTON AVE.,
Oakland, W A Netherby to whom it
may concern, March 5, 1928
March 5, 1928—LOT 11 & S HALF LOT
12 blk 12, Sunset Terrace, Albany,
H G Hendrick to whom it may con-
cern, March 5, 1928
March 5, 1928—1187 SANTA FE AVE,
Albany, Ophelia E. Elliott and Jean-
nette E. Sanders to Guay Bros.,
Feb. 25, 1928

Recorded	Amount
March 3, 1928—LOT 5 BLK E, Mulford Gardens Unit No. 1, Alameda County M A Lopes (Central Bldg Materials Co) vs Frank M Proetherro and A E Anderson	\$94.95
March 3, 1928—LOT 5 BLK E, Mulford Gardens No. 1, Alameda County, Frank Lopes vs Frank M Proetherro	\$116.10
March 3, 1928—LOT 7 BLK E, Mulford Gardens Unit No. 1, Alameda County, M A Lopes (Central Bldg Material Co) vs Frank M Proetherro and A E An- derson	\$82.55
March 3, 1928—PTN LOT 1 BLK D, Orchard Tract, Eden Twp. Tynan Lumber Co vs George R Burke and S E Mathis	\$484.87
March 3, 1928—PTN LOTS 8 AND 9 Lawton Avenue Tract, Oakland, D J Reboli, \$341.30; The Reinforced Roofing Co (O B Ginochio), \$111; Joseph A Fiorio (Fiorio Hardware Co) \$120.49 vs Salvatore Toschi and E Evangelista	\$655
March 1, 1928—512 MIDCREST ROAD Oakland, Geo M Goodman vs E Tay- lor Dykes, C R Squires	\$97.69
Feb. 29, 1928—LOTS 6, 7 & 8 BLK 2, Berkeley Square, Berkeley, William Pontynch vs H C and L J Reid, and D B Gladstone	\$235
March 6, 1928—931 POLK ST, Albany, Boorman Lumber Co Inc vs John Doe Personett, Paul Snyder	\$37.02
March 6, 1928—1753 104TH AVE, Oak- land, Boorman Lumber Co Inc vs Morse Realty Co, W A Reese Jr. \$54.11	
March 6, 1928—LOT 15, MOUNT Ver- non Park Tet, Oakland, I V Garri- son vs Securities Inv Corp of Oak- land, Fee Bros.	\$77
March 6, 1928—368 49TH ST, Oakland Tilden Lumber Co vs Salvatore Toschi, E Evangelista	\$689.97
March 6, 1928—E 74TH & GARCIA, San Leandro, Disappearing Screen & Shade Co vs A C Ostrom, Geo T Ostr- om and A M Halk	\$380.50
March 5, 1928—368 49TH ST., Oakland, Standard Glass Works vs Sobatore Toschi, Geo Valentine, A Carruccini	\$121.02
March 5, 1928—LOT 10 BLK 4 Crag- mont, Berkeley, Chas A Osborn vs Josephine Romano	\$200
March 5, 1928—LOT 11 BLK 14 Crag- mont, Berkeley, Chas A Osborn vs Karl and Wilhelmina Ross	\$201
March 3, 1928—LOT 7 BLK E, Mulford Gardens Unit No. 1, Alameda Co, Frank Lopes vs Frank M Proetherro	\$102

RELEASE OF LIENS

Alameda County

March 1, 1928—LOT 4 BLK 2 Arling-
ton Heights, Berkeley, Mastercraft
Tile and Roofing Co to J E Hatfield,
Harry Kane. \$455
Feb. 28, 1928—SE LINE 23RD AVE &
SW line East 23rd st, Oakland, Ar-
thur W Potter, \$588.40, and V W Pot-
ter and W J Marcum \$588.40 to Jos-
eph E and M P Graves.
Feb. 28, 1928—SE LINE 23RD AVE &
SW line East 22rd st, Oakland, Ar-
thur E and Arthur W Potter to Jos-
eph E and M P Graves. \$39
Feb. 28, 1928—E PORTLAND AVE 39.30
S Athol ave, Oakland, Gunn, Carle &
Co to Chas J and Thos J Fee, Fee
Bros. \$345.85
March 3, 1928—LOT 35 BLK 9, MAP
blk 9 of ptms of blk 7 & 8, Thousand
Oaks Heights, Berkeley, L Scaramelli

to Alfred and Alma Bernhard, H F
Allen. \$10
March 2, 1928—336-338-340 PORTLAND
ave, Oakland, Steiger & Kerr Stove
and Foundry Co to F J Fee, Fee Bros
\$318
March 2, 1928—LOT 54 PARK BLVD
Terrace, Oakland, General Mill &
Lumber Co to Edgar E and C A Tor-
nell, J H Hardy, Pacific Lumber
Mills. 762.22

BUILDING PERMITS

SAN MATEO COUNTY

RECORDED

RESIDENCE
PART LOT 190 OCCIDENTAL AVE.,
San Mateo. All work for frame resi-
dence and garage.
Owner—Ernest L. Saister et al, San
Mateo.
Architect—None.
Contractor—J. Horne, 869 California St.,
San Mateo.
Filed Feb. 3, 1928. Dated Feb. 1, 1928.
Frame up \$1945.50
Plastered \$1945.50
Completed \$1945.50
Usual 35 days. \$1945.50
TOTAL COST, \$7780.20
Bond, \$3891. Surety, C. A. Dibble. Limit,
120 working days. Forfeit, plans and
specifications, none.

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING, \$2500; Lot 9 W 10 Lot 10,
West Villa Terrace, San Mateo;
owner, W. A. Elftman, 239 Villa Ter-
race, San Mateo.
AUTO laundry, Kleon Rite, \$5000; Ptn
Lots 15, 16 and 17, 3rd Ave., San
Mateo; owner, Kurt Heyman, Palo
Alto; contractor, Michel & Pfeffer,
10th and Harrison Sts., San Francisco
RESIDENCE, 2-story, \$10,000; Lot 30
Blk 5, Georgetown St., San Mateo;
owner, Buschke & Johnson; archi-
tect, Chas. F. Strothoff, 2274 15th
St., San Francisco.
RESIDENCE, 2-story, \$10,000; Lot 31 Blk
5, Georgetown St., San Mateo; owner,
Buschke & Johnson; architect, Chas.
F. Strothoff, 2274 15th St., San Fran-
cisco.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Feb. 27, 1928—LOT 9, Middlefield Park San Mateo. W M Bernard to whom it may concern. Feb. 23, 1928	
Feb. 27, 1928—LOT 190, San Mateo Park San Mateo. Althea I Lathan to John Looman. Feb. 16, 1928	
Feb. 27, 1928—LOT 135, San Mateo Homestead. M W Kapstus to Wm F Ziedrich. Feb. 23, 1928	
Feb. 28, 1928—LOT 13, Chas Weeks Poultry Colony, San Mateo, Henry Barrilles to whom it may concern. Feb. 28, 1928	
Feb. 28, 1928—PART LOT 7 BLK 42, Bowie Estate, Easton Addition, San Mateo. W A Elftman to whom it may concern. Feb. 27, 1928	
Feb. 28, 1928—LOTS 6 AND 7 BLK 13, Sweeney Addition, San Mateo. Mark E Ryan to Russell & Duncan. Feb. 19, 1928	
Feb. 29, 1928—LOT 38 BLK 44, Easton G W Williams Co to whom it may concern. Feb. 26, 1928	
Feb. 29, 1928—LOT 22 AND PART LOT 23 Blk 1, San Bruno Park. John A Rene to Gus Magnason. Feb. 24, 1928	
March 1, 1928—LOT 9, Burlingame Gate, Roy A Gilbert to whom it may concern. Feb. 28, 1928	
March 1, 1928—NE BAYSWATER AVE and California Drive. D King et al to Meese & Briggs. Feb. 25, 1928	
March 1, 1928—LOT 3, Hillsborough Knowles, Frederick M Johnson to Oscar L Cavanagh. Feb. 8, 1928	
March 2, 1928—LOT 7 BLK 4, Belbum Village, Ross J Brewer et al to Doley Bros, Inc. Feb. 29, 1928	
March 3, 1928—LOT 2 BLK 4, Burlin- game Grove, James Horn to whom it may concern. March 2, 1928	

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and cir-
culates pure warm air, keeping home at an even temperature. 50 percent
saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
March 1, 1928—LOT 4 Part Lot 5 Blk 1, Easton. MacDonald & Kahn vs Vision Realty Co.....	\$21,080
March 1, 1928—LOT 4 BLK 1, Menlo Park Terrace. E A Mueller, \$214.45; F B Helvie et al, \$188 vs O A Boehm et al.....	
March 2, 1928—LOT 6 BLK 1, Menlo Park Terrace. Wm McWhirter vs O A Boehm et al.....	\$250
March 2, 1928—LOT 4 BLK 1, Menlo Park Terrace. Wm McWhirter vs O A Boehm et al.....	\$228
Feb. 28, 1928—LOTS 6, 7, 8, AND 9 BLK 11, North Palo Alto. Whitson Plumbing Co vs Vesta Turley et al.....	\$118
Feb. 28, 1928—LOTS 1, 2, 5 AND 6 BLK A Kintt Addition, Redwood City. E W Magrader vs D A Orr et al.....	\$573
Feb. 28, 1928—LOT 88 part Lot 87, Brewer Sub. No. 3, San Mateo. California Steel Products Co vs E A Everett et al.....	\$52
Feb. 28, 1928—LOT 16 BLK 3, Burlingame Terrace, Burlingame. California Steel Products Co vs H W Dessin et al.....	\$116
Feb. 28, 1928—LOT 16 BLK 11, Burlingame. California Steel Products Co vs Louis F Clausing et al.....	\$104
Feb. 28, 1928—LOT 4 BLK 1, Menlo Terrace, San Mateo. William Walker et al vs Jean R Borlun et al.....	\$550.85
Feb. 29, 1928—LOTS 35, 36, 37 AND 38, Blk 12, Vista Grande. A L Stockton Lumber Co vs Burt Youngs (2 liens).....	\$268.55 and \$1786.27 respectively
Feb. 29, 1928—LOTS 3, 4 AND 5 BLK 13, Vista Grande. A L Stockton Lumber Co vs Burt Youngs.....	\$863.20
Feb. 29, 1928—LOT 4, Blk 1, Menlo Park Terrace. E Salin vs Otto A Boehm et al.....	\$259.50

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Feb. 24, 1928—E MONTEREY RD 76.30 N 6th St. Gilroy. Jessie F Thompson to whom it may concern Feb. 16, 1928	
Feb. 24, 1928—LOT 7 BLK 8 Goodyear tct. Sarafina Badalamente to whom it may concern.....	Feb. 14, 1928
Feb. 24, 1928—SALVATIERRA & Coronado sts, Stanford University. Boynton M Green to whom it may concern.....	Feb. 17, 1928
Feb. 25, 1928—LOTS 25 & 31 204 W Jonathan. Thomas G Gion to whom it may concern.....	Feb. 25, 1928
Feb. 25, 1928—LOT 23 BLK 4 Lendrum tct. Charles Libert to whom it may concern.....	Feb. 1928
Feb. 25, 1928—LOT 51 BURTON SUB No. 2, Sussan I Williams et al to whom it may concern.....	Feb. 25, 1928
Feb. 25, 1928—LOT 22 BLK 51 Seale Addn No. 2, Palo Alto. John B Bertoglio et al to whom it may concern.....	Feb. 23, 1928
Feb. 27, 1928—N WILLOW ST & W line 1.85 ac tr of Stanford Realty & Dev Co. Alice Wilson et al to whom it may concern.....	Feb. 24, 1928
Feb. 27, 1928—E WAVERLY ST 200 S Stanford ave, Palo Alto. Emil F W Schoennauer to whom it may concern.....	Feb. 25, 1928
Feb. 28, 1928—NE ELM ST 150 NW Hedding ptn lot 1 blk 19 University Gr, San Jose. Charles Grandeman to whom it may concern.....	Feb. 27, 1928
Feb. 28, 1928—NE ELM ST 100 NW Hedding st ptn lot 1 blk 19 University Grounds, San Jose. Charles Grandeman to whom it may concern.....	Feb. 27, 1928
Feb. 28, 1928—E FOREST ST 100.30 N 6th st ptn lot 3 blk 1 NR 4 E Gilroy. Frank S Filici et al to whom it may concern.....	Feb. 25, 1928

BUILDING PERMITS

SAN JOSE

RESIDENCE, \$4500; Blrd St. near William, San Jose; owner, Sam Di Cola, Empire and 11th Sts., San Jose.	
RESIDENCE, 5-room, \$3500; Snyder St. near Delmas, San Jose; owner, V. E.	

Clift, 853 S-Seventh St., San Jose; contractor, Sam Di Cola, Empire and 11th Sts., San Jose.	
ALTERATIONS, \$1500; No. 72 S-First St., San Jose; owner, F. Marten, Letitia Bldg., San Jose; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.	
RESIDENCE, 2-story 8-room, \$6500; Second St. near Mission, San Jose; owner, G. C. Adams, 43 S-15th St., San Jose; contractor, A. W. Johnson, Campbell.	
RESIDENCE, 2-story 7-room, \$8500; The Alameda near McKendrie St., San Jose; owner, Emmett McQuoid, 189 Tillman Ave., San Jose.	
RESIDENCE, 8-room, \$5900; Fourteenth St. near Margaret, San Jose; owner, M. Langhoff, 1022 Nevada St., San Jose; contractor, C. Teigland, 1507 Lincoln Ave., San Jose.	
RESIDENCE and garage, comb., \$1000; Reed and Eleventh Sts., San Jose; owner, J. S. Enright, 605 S-Eleventh St., San Jose; contractor, E. Horton, 605 S-11th St., San Jose.	
RESIDENCE, 5-room, \$3000; Fifteenth St., near St. John, San Jose; owner, Anna Sanquinetti, 386 W-San Carlos St., San Jose.	
RESIDENCE, 4-room, \$1900; Whitton St. near 35th, San Jose; owner, Howard Frost, 1677 Whitton St., San Jose; contractor, G. L. Emmons, 1524 E-San Antonio St., San Jose.	
APARTMENTS (8) 2-story, \$26,000; First and Taylor Sts., San Jose; owner, Jas. Rucker, 537 S-12th St., San Jose; architect T. Longshore, 537 S-Twelfth St., San Jose.	
RESIDENCE, 5-room, \$2600; Thirty-fifth St. near San Antonio, San Jose; owner, J. G. Wilson, 195 S-35th St., San Jose.	

BUILDING PERMITS

PALO ALTO

APARTMENTS, 4-room, frame and stucco, \$7000; No. 252 Everett Ave., Palo Alto; owner, Nick Johnson, 244 Kipling St., Palo Alto.	
RESIDENCE, frame and rustic, \$4500; No. 143 Ricanada Ave., Palo Alto; owner, Alfred Bernard, Palo Alto; contractor, W. M. Bernard, Palo Alto	
RESIDENCE and garage, frame and stucco, \$2000; No. 1321 Hopkins Ave., Palo Alto; owner, John L. Linder, Palo Alto.	
COTTAGE, frame and rustic, \$1500; No. 857 Channing Ave., Palo Alto; owner, W. O. and Nancy Berry; contractor, Roy Heald, 636 Webster St., Palo Alto.	
RESIDENCE and garage, frame & stucco, \$6700; No. 652 Melville Ave., Palo Alto; owner, W. F. Floyd, 235 Kipling St., Palo Alto; contractor, G. G. Bertsche, 750 Forest St., Palo Alto.	
RESIDENCE and garage, frame and stucco, \$4000; No. 163 Park Ave., Palo Alto; owner, Chas. H. Gatchell; contractor, J. W. Cabbage, 806 Louis St., Palo Alto.	
COTTAGE, frame and rustic, \$1500; No. 855 Channing Ave., Palo Alto; owner, W. O. and Nancy Berry; contractor, Roy Heald, 636 Webster St., Palo Alto.	

BUILDING PERMITS

REDWOOD CITY

DWELLING, one-story and basement frame, \$4000; No. 152 Hudson St., Redwood City; owner, T. Nelson, 111 Hopkins Ave., Redwood City.	
---	--

BUILDING PERMITS

BURLINGAME

BUNGALOW, \$5500; Lot 19 Blk 1, Mills Ave., Burlingame; owner, Mrs. F. W. Edie, 1408 Mills Ave., Burlingame.	
RESIDENCE, \$8000; Lot 8 Blk 6, Montero Ave., Burlingame; owner, H. W. Roth, 769 Farrington Ave., Burlingame.	

BUILDING PERMITS

RICHMOND

COTTAGE, frame and plaster and garage, \$3600; S Fresno bet. San Joa-	
---	--

quin and San Mateo, Richmond; owner, Lon A. Noe, El Verrito; contractor, J. J. Beatty, El Cerrito.	
COTTAGE, frame and plaster and garage, \$3500; E 32nd bet. Barrett and Roosevelt, Richmond; owner, Bruce E Baird, 471 22nd st.	
COTTAGE, frame and plaster and garage, \$4500; E 36th bet. Garvin and Esmond, Richmond; owner, Lloyd R. Jones, 14 7th st.	
OFFICE and flats, \$16,000; E 23rd bet. MacDonald and Nevin, Richmond; owner, Burg Bros., 309 22nd st.	
COTTAGE, frame and plaster, and garage, \$3000; S Clinton bet. 24th and 26th, Richmond, owner, Thomas L. Woodruff, 10th and MacDonald.	
COTTAGE, frame and plaster and garage, \$3300; E 32nd bet. Roosevelt and Clinton, Richmond; owner, David Dryden, 2333 Garvin.	
ADDITION, 2 rooms and bath, \$1000; E 26th bet. Pine and S. P. Rancho, Richmond; owner, Mary A. Burgman, 26th and Emerica; contractor, Walter English.	

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$2200; 139 E Sonoma, Stockton; owner, J. Klein, 720 N Center; contractor, Frank M. Liscom, 327 W Park.	
RESIDENCE and garage, \$2700; 250 E Pine, Stockton; owner, H. W. Watkins, 44 W Acacia.	
STORE building, \$1500; 2041 Pacific, Stockton; owner, V. C. Martin; contractor, J. A. Piccaro, 2111 Pacific.	
RESIDENCE and garage, \$4500; 1766 W Willow, Sacramento; owner, Ruth Ann Mitchler; contractor, E. Merlo, Moreings Lane.	
RESIDENCE and garage, \$4500; 2639 Grafton, Stockton; owner, R. Mello, 804 W. lora; contractor, E. Merlo, Moreings Lane.	
Feb. 25, 1928—FRESNO SCHOOL DISTRICT, Fresno. L A Winchell School to Jos Mas.....	Feb. 23, 1928
Feb. 16, 1928—THEODORE ROOSEVELT High School, Fresno. Fresno City High School to Gundelfinger & Myers.....	Feb. 16, 1928
Feb. 16, 1928—LOTS 35 AND 36 BLK 9, New High School Addition, Fresno. Ella Donnahue to whom it may concern.....	Feb. 11, 1928
Feb. 18, 1928—S 46 FT. OF E 90 FT. Lot 44, E. Elmhurst. A R Eklund to whom it may concern.....	Feb. 18, 1928
Feb. 22, 1928—1041 FULTON STREET Fresno. United Cigar Stores Co to Z J Stone.....	Feb. 17, 1928
Feb. 23, 1928—1041 FULTON STREET Fresno. United Cigar Stores Co to Murray Cabinet & Show Case Co.....	Feb. 17, 1928

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
March 5, 1928—E 1/4 OF SE 1/4 OF SW 1/4 Sec 26 T 1 SR 6 E, Stockton. Hayward Lumber & Investment Co vs J W MBrinkman.....	\$1173.49

COMPLETION NOTICES

MONTEREY COUNTY

Recorded	Accepted
Feb. 28, 1928—LOTS 7 AND 9 BLK 4, First Addition to Pacific Grove Retreat Grounds. R P Davison to Gus E Enborg.....	Feb. 20, 1928
Feb. 28, 1928—S 45 FT. LOT 10 BLK 54, Monterey. Joe and Mary Teresa to E H Sundberg.....	Feb. 22, 1928

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

ALTERATIONS SAUSALITO. All work for alterations and additions to frame residence. Owner—J. Wotila, Sausalito. Architect—Geo. E. Ralph, 111 Sutter St., San Francisco.	
Contractor—A. W. Teather. Filed Feb. 29, 1928. Dated Feb. 24, 1928. On 10th of each month.....	75%
	TOTAL COST, \$1575
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.	

COMPLETION NOTICES

MARIN COUNTY

106 28, 1928—SAN RAFAEL. Edward F. Mader and wife to whom it may concern..... Feb. 28, 1928

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

SCHOOL NW MARKET AND MAIN STS., Soledad. Heating and ventilating system for grammar school building. owner—Soledad Union School District. Soledad. Architect—H. B. Douglas, San Francisco. Contractor—Waters Bros., Monterey. Filed Feb. 28, 1928. Dated Feb. 27, 1928. Progressive payments of 75%. Usual 35 days. Balance TOTAL COST, \$5675 Bond, limit, forfeit, none Plans and specifications filed.

BUILDING PERMITS

SACRAMENTO COUNTY

RESIDENCE, 5-room and garage, \$1600; No. 541 Forty-sixth St., Sacramento; owner, E. A. Gilkey, 700 46th St., Sacramento.
RESIDENCE, 5-room and garage, \$1000; No. 601 46th St., Sacramento; owner, Marion Johnson, 1008 M St., Sacramento; owner, P. H. Opdyke, 3239 E St., Sacramento.
RESIDENCE, 6-room and garage, \$2000; No. 2814 C St., Sacramento; owner, G. F. Setts, 2812 C St., Sacramento.
RESIDENCE, 5-room and garage, \$1500; No. 3200 O St., Sacramento; owner, Gus Thiery, 505 J St., Sacramento.
RESIDENCE, 5-room and garage, \$1800; No. 2201 50th St., Sacramento; owner, E. D. Branten, contractor, E. A. Thiele, 3533 12nd St., Sacramento.

GENERAL repairs, \$1950; No. 929 K St., Sacramento; owner, Cronan Estate, Promises; contractor, Austin & Murray, Sacramento.

STORE building, 4-room, \$12,500; No. 730 31st St., Sacramento; owner, H. L. Flaven, 2477 5th Ave., Sacramento; contractor, Wm. Murrell, 200 V St., Sacramento.

RESIDENCE, 8-room and garage, \$6500; No. 2719 10th Ave., Sacramento; owner, L. J. Miller, 932 41st St., Sacramento.

RESIDENCE, 5-room and garage, \$4400; No. 425 32nd St., Sacramento; owner, Wilbert H. Lapp, 2620 F St., Sacramento; owner, N. H. Lund, 3300 Cutter St., Sacramento.

RESIDENCES (2) 6-room and garages, \$4000 each; No. 1821-1825 Commercial St., Sacramento; owner, C. A. Darling.

RESIDENCE, 8 rooms and garage, \$11,000; 1357 41st, Sacramento; owner, Dr. F. B. Brendel, 1148 37th; contractor, L. F. Gould, 1623 O St.

STORE building, \$21,800; 1111-13 8th st., Sacramento; owner, John E. Short,

2026 F st.; contractor, G. E. Harvie, 2212 T St.

RESIDENCE, 5 rooms and garage, \$4000; 2708 Florence, Sacramento; owner, J. Pedone, 914 S St.

RESIDENCE, 5 rooms and garage, \$4900; \$1950 7th ave., Sacramento; owner, N. H. Lund, 3300 Cutter way.

RESIDENCE, 6-room and garage, \$5000; No. 2548 Tenth Ave., Sacramento; owner, N. H. Lund, 3300 Castro Way, Sacramento.

REMODEL, \$1000; No. 1904 M St., Sacramento; owner, Geo. Hollenbeck, California Fruit Bldg., Sacramento;

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 28, 1928—0.97 ACRES IN SW COR Lot 41, Arcade Park, Sacramento. Lyman B and Bessie Jones to whom it may concern..... Feb. 28, 1928

March 1, 1928—LOT 40, Harding Place, Sacramento. Harry Smith to whom it may concern..... Feb. 29, 1928
March 3, 1928—LOT 2169 W. & K. Tract No. 24, Sacramento. Leslie M Sheehan to whom it may concern..... March 2, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
March 3, 1928—LOT 4 BLK 7 N Sacramento. G O Griffith vs T C Greer..... \$265.3
Feb. 28, 1928—LOT 2 BLK 48 N-Sacramento. Sacramento Lumber Co vs M E Braley; Antone and J D Germonia..... \$123.3
Feb. 28, 1928—W 1/2 OF S 1/2 LOT 1; W 1/2 of N 1/2 S 1/2 Lot 2, B, C, 22nd and 23rd Sts., Sacramento. Sacramento Lumber Co vs M E Fraley; John McCaw and Jane Doe McCaw..... \$812.00
Feb. 28, 1928—W 1/2 LOT 7, S, T, 30th and 31st Sts., Sacramento. Sacramento Lmbr Co vs M E Fraley..... \$317.3

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
March 2, 1928—75 FT. LOTS 17 AND 22 Blk 85, Fresno. L L Cory to Air Condition Engineering Co..... Feb. 29, 1928
March 3, 1928—LOTS 21, 22 BLK 56, E Fresno. K Kuyumjian to whom it may concern..... March 2, 1928
March 3, 1928—LOTS 3, 4 BLK 2, Recreation Park, Fresno. Andrew Chitty to whom it may concern. March 2, 1928
March 3, 1928—LOTS 7, 8 BLK 5, Van Ness Heights, Fresno. C L Saylor to whom it may concern..... March 2, 1928
Feb. 29, 1928—LOTS 17 AND 18 BLK 11, College Addition, Fresno. Donald F. Whistler to whom it may concern..... Feb. 28, 1928

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

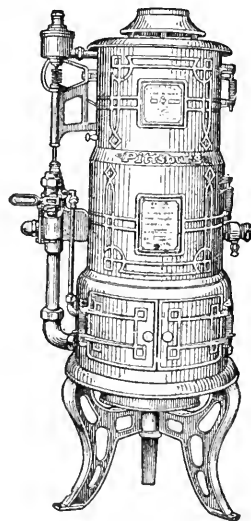
GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE

Miss on 901 902 903 904 San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

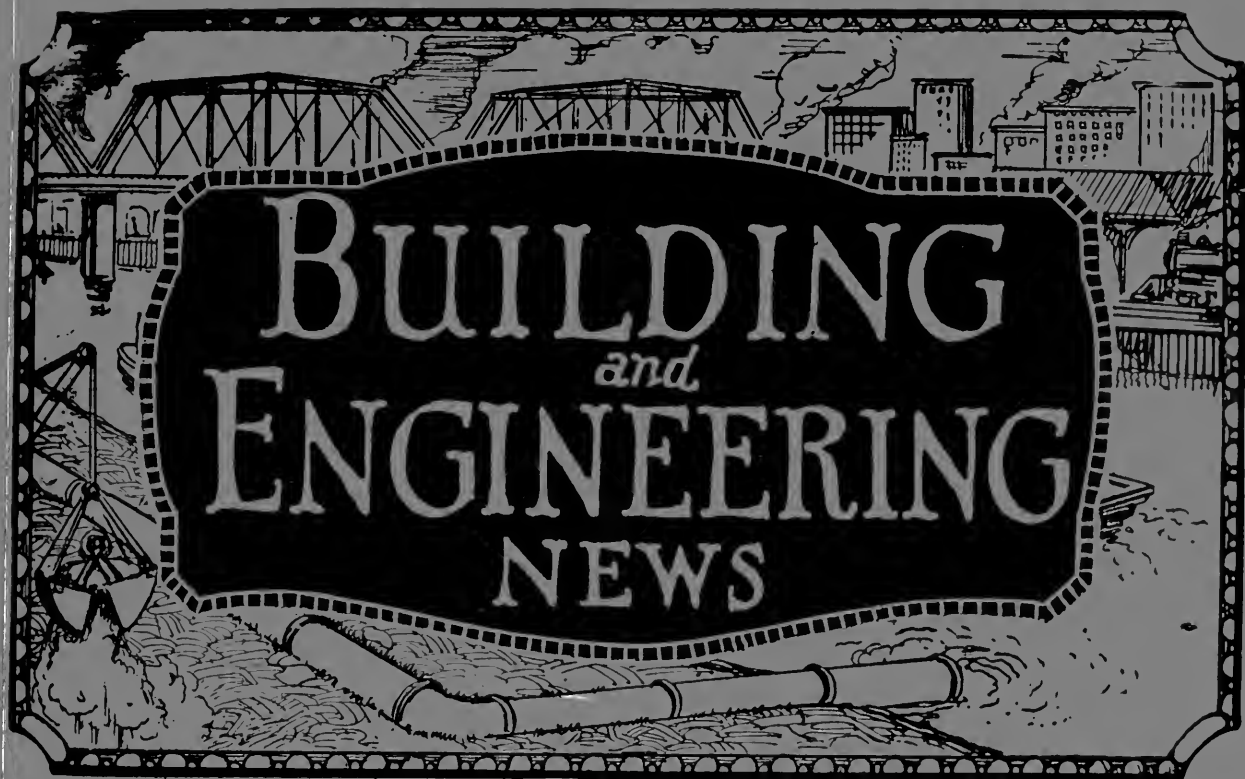
309 13th Street

OAKLAND

478 Sutter Street

SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., MARCH 17, 1928

Twenty-eighth Year No. 11
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., MARCH 17, 1928

Twenty-eighth Year, No. 11



15-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

DETROIT BUILDERS TO HAVE JUNE WEATHER ALL YEAR ROUND

Electrical boxes will be hooked up with steam heat, air washers, air filters and giant ventilating fans, to manufacture perfect weather in all seasons for Detroit's new Union Trust Bank building, a 40-story structure, now under construction. The building will have three basements below grade.

All a tenant of the new building will have to do on a sweltering, hot summer's day is to open a register in his office and refrigerated, clean air, cooled to a temperature of 70 degrees or less, will pour forth to soothe his feverish brow and remind him of his summer camp. Every room in the new building will have its individual air control so that tenants may be comfortable and free from the city's dust and other sources of air pollution.

The air conditioning and ventilating apparatus alone in the new building will cost more than \$250,000. Twenty-four fans will blow 440,000 cubic feet or 33,000 pounds of air per minute to ventilate the building. This is equal to 990 tons of air per hour. The refrigerating machines, to be used for cooling the air, will have a refrigerating capacity equivalent to the making of 700 tons of ice per day. Conditioned air will be driven even into the bank vaults to keep these spaces cool and well ventilated at all times.

STEEL FURNITURE SHIPMENTS

January shipments of steel furniture stock goods, as reported to the Department of Commerce by 33 manufacturers in the "business group," were \$2,712,663, as compared with \$2,740,602 in December and \$2,730,714 in January, 1927. January shipments of shelving, compiled from the reports of 15 companies, were \$680,264, as compared with \$577,910 in December and \$55,996 a year ago.

U. S. STEEL FEBRUARY ORDERS JUMP 122,242 TONS

Forward tonnage of the United States Steel Corporation increased 122,242 tons in February, according to the monthly statement of the corporation. Unfilled orders on the books of the corporation on February 29 aggregated 4,398,189 tons, against 4,275,947 on January 31 and 3,597,119 on February 28, 1927.

The increase is considerably larger than had been expected in Wall street, although some estimates had run as high as 100,000 tons. In the early days of February predictions had been rather general that the unfilled orders would show little change from January 31, and a decrease of 75,000 or more was considered not impossible. A material gain in orders in the last week of the month followed a general slowing up of bookings in the earlier periods and accounted for the gain.

The February tonnage figures were largest since February 28, 1926.

The following tables gives unfilled tonnage of the Steel Corporation at the end of each month since the close of 1925:

	1928	1927	1926
Jan.	4,275,947	3,800,177	4,882,729
Feb.	4,298,198	3,597,119	4,616,822
March	3,553,140	4,379,935	
April	3,456,132	3,867,976	
May	3,050,941	3,649,250	
June	3,053,246	3,478,642	
July	3,142,014	3,602,522	
Aug.	3,196,037	3,542,335	
Sept.	3,148,113	3,593,509	
Oct.	3,341,040	3,683,661	
Nov.	3,545,444	3,807,447	
Dec.	3,972,874	3,960,963	

IMPORTATION OF FOREIGN BRICK AROUSES BRICK INTERESTS

The seriousness of the competition resulting from the importation of foreign brick was forcibly brought to attention at the tenth annual convention of the Common Brick Manufacturers' Association in Washington last month.

The cities of the Atlantic seaboard and adjacent thereto have naturally felt this competition most keenly. Unfortunately for them, brick is on the tariff free list, and any attempt to interest Congress in tariff legislation preceding a presidential election would seem to be most futile.

The high standard of living of the American wage earner would seem not to apply to the brickyard laborer if this foreign importation should continue to grow as it has in the past. Every brick which comes from abroad displaces one which would be made in this country, and affects the interests of all concerned.

Last year the brick importations represented a wage loss to American brickyard laborers of close to \$1,000,000 and correspondingly decreased their purchasing power. This affects not only the laborer but every manufacturing line which produces a product that the laborer consumes.

Henry F. Kalvelage, who was for several years identified with the lumber industry in Portland, Ore., before coming to San Francisco, recently resigned as manager of the wholesale department of Wm. Smith to become general manager of the McCullough Lumber Company, which has offices at 1 Drumm St., San Francisco.

DEADLOCK IN BUILDING CONTRO- VERSY AT SEATTLE DENIED.

Statements to the effect that deadlock had been reached in the negotiation looking toward a new working agreement between the employing building contractors of Seattle and the Seattle Building Trades Council have no basis in fact, according to general contractors and craftsmen representatives.

The signing of the new agreement between the contractors and building tradesmen is scheduled for the first of May. Negotiations are now under way. George Tufel is chairman of the committee from the Seattle Chapter, Associated General Contractors of America, and Rowland Watson is president of the Seattle Building Trades Council. These are the contact men on each side.

"We are not deadlocked, as our continuous meetings prove," stated Chairman Tufel of the contractors' organization. "We are making no public statement with respect to progress, however. That will be made when agreement is reached. We hope that there will be no interruption to the present healthy building program."

George Early, secretary of the Seattle Building Trades Council, also denied the statement that negotiations were at a standstill.

James Murdock, president of the Seattle Chapter, Associated General Contractors of America, denied that negotiations were at a standstill. Declining to go into detail he appeared hopeful that the problems may be solved.

It is known that one of the principal "bones of contention" is the demand on the part of labor that the new agreement include building laborers with the more skilled crafts. The five-day week demand of the carpenters is also a disputed point.

If agreement cannot be reached it is possible—though neither side would comment upon it—that a neutral citizens committee may arbitrate the matter. It is also possible that failure to agree by the first of May might result in the continuance of work approximately under the terms of the present agreement.

Both sides appear anxious that they be permitted to handle the affair in private sessions and believe that there is greater likelihood of reaching a decision satisfactory to all in that manner rather than to make their dispute a public matter.

PROMOTION ENGINEER A BANKRUPT

Frank S. Sinnicks, San Francisco engineer and promoter, whose interests in half a dozen corporations formed for mining and lumber operations were declared at one time to have totaled half a million dollars, has been declared bankrupt.

The adjudication was on an involuntary petition filed by Miss Ora McCreary, former stenographer; Fred D. Winterberg, former auditor and secretary in Sinnicks' offices, and L. and M. Alexander & Co., a typewriter servicing firm, who presented claims totaling \$1487.25. Their claims were "for wages due and services rendered."

They alleged Sinnicks turned over \$425,919 in securities to Luther Elkins, attorney, to satisfy a claim of \$125,000 by James Kelly, associate of Sinnicks.

The bankruptcy action was brought against Sinnicks personally and does not affect the solvency of any of the corporations in which he was interested.

"CERTIFIED CONCRETE" A NEW INDUSTRY

BY JOSEPH A. KITTS, CONSULTING CONCRETE TECHNOLOGIST,
KITTS & TUTHILL, SAN FRANCISCO

Concrete has been certified by testing engineers for many years. Production and selling concrete from central mixing plants is well established. The central manufacture and selling of "certified concrete," however, is a new industry to meet new demands, and involves new requirements in the matters of plant transporting equipment and technological control of manufacture. The need and demand for such material and the advantages of central and mass production in areas of dense population make it a promising industry.

Definition

The fundamental idea of "certified concrete" manufacture is to supply each individual customer with exactly the ingredients or quality he wants in his concrete and to support such product with an authoritative certification or guarantee.

Demands on the Industry

The combinations of ingredients, the bases of measurement and the qualities of concrete demanded are varied and innumerable. The customer may want any of the following:

Various brands and types of cement;

Various types of aggregates;

A mixed aggregate, up to 6-in. maximum size, made up of one to six sizes, graded to the Fuller, Talbot, Pugh, Tut-hill, Wright, Kitts, or his own equation, having a coarseness modulus of 0 to 12, a density of 0.5 to 1.0, a sand to voids in rock ratio from 1 to 2, etc.;

Concrete with from 0 to 6.75 bbl. of cement per cubic yard, any compressive strength from 0 to 10,000 lb. per sq. in., density of 0.5 to 1.0, water cement ratio from 0.4, slump from 0-12 inches, impermeability, flexural strength, weight, wear resistance, workability, flowability and cohesion in the fresh mix, and measurement of ingredients by loose-moist, loose-dry, dry-rodded or absolute volume, or by moist or dry weight.

Requirements of the Industry

To meet these demands the principal requirements for the production of certified concrete are:

1. A central proportioning plant equipped with accurate and efficient facilities for weighing out cement, aggregates, admixtures and water;

2. Mixing and transporting equipment of usual modern types, also "transmixers" or "mixer-trucks," for delivery of freshly mixed concrete where demanded;

3. A fully equipped cement, aggregate and concrete testing laboratory at the proportioning plant; and

4. Maintenance of constant and efficient technological control of the concrete proportioning.

The plant should have a proper bunkering capacity for aggregates of the various sizes demanded, cement bins to accommodate the demanded brands in bulk, facilities for handling these materials efficiently, a layout designed for dispatching output without congestion. Considering the various demands to be met, it can be seen that pedometers or weighing hoppers are essential to accuracy, to meet the various conditions, and to expediency in changing from one measure to another merely by shifting the runner on a scale-beam. As the water-cement ratio is one of the principal items affecting the quality of the concrete, accurate water measuring devices are an essential part of the proportioning plant.

Under certain conditions of mix and

of transporting distance, central mixing and ordinary truck haulage are practical, efficient and economical. Less favorable conditions require special equipment to transport the proportioned material from the central plant and to mix same upon arrival at the job. Where the highest degree of workability is required, as in the structural parts of buildings, the combined hauling and mixing equipment is generally necessary.

Aggregates, although from the same source, vary from day to day in density, specific gravity, grading, coarseness, absorption, moisture, bulking, silt, inferior particles, and organic matter. The demands upon the industry require that the quality of materials be standard, and that the physical characteristics be determined upon receipt of each shipment of materials. The cement received needs to be tested to determine any possible deterioration during transportation or storage and to determine its suitability for special purposes. Concrete is required to be tested for strength, density, weight, yield of combination, water-cement ratio, workability, impermeability, wear resistance, etc. A laboratory at the proportioning plant is, therefore, quite essential to insure quality of materials received, to obtain accuracy of measurements in proportioning and billing, and to make it possible to "certify" in good faith that the ingredients in, or the qualities of, the concrete are as specified.

The weights of ingredients to produce a particular volume of concrete must be computed (with an accuracy within 1 per cent) from the tested physical characteristics of the materials and with exact regard to the physics of concrete mixtures. Short delivery means a claim for shortage and a dissatisfied, skeptical or lost customer. Excess delivery over that billed means a loss to the dealer and sometimes an inconvenience to the buyer in disposing of the excess. The almost indefinite variety of ingredient proportions and qualities demanded, and the business necessity of exact delivery, require utmost service of the concrete physicist and technologist. One man-hour of highly efficient laboratory testing, and proportioning control is required for every five to twenty-five cubic yards of concrete. Without the aid of such control "certified concrete" is merely a catch phrase.

In producing and selling "certified concrete," three principals are concerned, the manufacturer, the building contractor and the building owner (his architect or engineer). Their interests are not the same. Therefore, the direction of proportioning, or technological control of the manufacture, must be under an independent authority serving the three principals with skill, fairness and integrity. The obligation of the concrete technologist under these conditions is, first, to furnish the owner concrete of the specified proportions or quality; secondly, to supply the contractor concrete of suitable workability, flowability and cohesion in the fresh mix, and, finally, to maintain the quality of materials received by the manufacturer, use them with accuracy where the proportions of ingredients are specified by the buyer, and accurately and efficiently where the quality of concrete is specified.

Advantages Of The Industry

The competitive advantages of "certified concrete," produced at a modernly equipped central proportioning plant, are

that a better, more uniform and a more workable quality of concrete can be produced at a lesser cost than possible otherwise, for the following reasons:

1. The plant and laboratory does not need to be dismantled, moved and rebuilt after each job.

2. The plant and laboratory may be more fully equipped with accurate proportioning devices than practicable on the average job.

3. More sizes of aggregate may be handled for uniformity of grading with corresponding increase of efficiency from the materials.

4. It has the advantage of efficiency and economy of mass production in handling cement and aggregates in bulk.

5. The most thorough laboratory control can be maintained at one-half the cost of and more efficiently than that of a 20,000 cubic yard job, at one-fifth that of the 500 yard job, and it cannot be competed with on the job for quality of product.

6. It provides the same accuracy of quality for concrete to repair a small hole in the street as it does for a major structure.

7. It has the advantage that, in case of urgent and unforeseen need, concrete of any quality may be provided at a fraction of an hour's notice.

Its particular advantage is in quality, concrete.

What The Buyer Should Specify

Concrete for any purpose should have the physical characteristics and qualities best suited to that purpose. If the buyer is not expert in concrete proportioning, he should specify the quality of concrete required, strength, density, weight, etc., also the practical requirements of maximum size of aggregate and the working consistency of mix.

Where compressive strength is the essential requirement, it should be understood that measurement of the strength of specimens is subject to the law of probability and error, as is any other measurement, that very slight defects in the form of the specimens cause large adverse errors in the measurements and accordingly, a tolerance of 10% of specimens measured less than 80% of the strength sought, should be provided for in the contract between manufacturer and purchaser.

It should be observed that "certified concrete" will be as bad, average, or as excellent, as the specification provides.

Contractors of San Luis Obispo seek the appointment of a city building inspector, declaring that several buildings have been erected within the city limits with inadequate bracing. The Pacific Coast Uniform Building Code was brought into discussion and it is probable that the code will be adopted previous to the selection of an inspector.

L. N. Crawford, Santa Maria architect, addressed the Santa Maria Rotary Club March 5 on the subject of "Architecture." Directors of the Santa Barbara Association of Architects were present, these including Winsor Soule, Leonard Cooke, J. Fredrick Murphy and E. Keith Lockhard.

Herbert L. Dodge, formerly assistant to the manager of the Wood Homes Bureau of Cleveland, has joined the trade extension staff of the National Lumber Manufacturers' Association as an assistant in the architectural and building code bureau of the Washington office.

THE OBSERVER



**What He Hears
• and Sees
On His Rounds**

Phlehem Steel Corp. announces that last year 37,142 employees bought 71,813 shares of its preferred stock.

Even bond issues for public improvements totaling more than \$2,000,000 carried off a recent municipal election in Tacoma, Wash. All proposition carried by a vote of from 2 to 1 and 3 to 1.

The National Committee on Wool Utilization of the Department of Commerce cites an instance where a contractor saved \$1500 on material and from 15 to 25% on labor by using end matched sheathing on a job calling for \$12,000 worth of sheathing lumber.

Engineers of the Pacific Gas & Electric Company are said to be preparing estimates of cost for a pipe line from Ventura to San Francisco to carry natural gas from the oil fields. Previous estimates place the cost at \$30,000,000.

Plans for an international trade fair to be held in 1929 are being outlined by business leaders of Oakland. At a recent meeting to discuss the proposal about 20 attended. The fair will be modeled after the famous exposition at Leipzig, Germany, and will be held from August to October.

Steel manufacturers are said to believe production this year will be close to normal, but do not anticipate a boom, expecting output to average 80 per cent of capacity, which would be a very large average. The industry is "booming" with operations are between 90 and 100 per cent. Orders on books of various steel companies indicate fair operations for the first half of the year.

Despite a reduction of 4000 in the number of workers, United Steel Works Corporation of Germany reports an increase in iron and steel output, with a turnover of 361,700,000 marks for the first quarter of its fiscal year ended December 31. The turnover for the year ended September 30 was 1,417,000,000 marks.

Endorsement of the combined bridge and tube as an alternate for the Rincon Alameda transbay bridge proposal has been voted by the Alameda city council. The alternate plan is suggested by Leohiel M. King, one of the engineers connected with the Oakland-Alameda estuary tube project, and is said to meet the requirements of the War Department. Mr. King's plan calls for a tube starting at the foot of Army street, in San Francisco, extending 4500 feet out to the bay, where it would rise gradually to a bridge over shallow water on the island side of the bay.

Employment conditions in the United States are improving with the return of reasonable weather, according to Secretary of Labor, James J. Davis, in commenting on the resolution (S.147) adopted by the Senate, March 5, directing the Secretary of Labor to investigate and compute the extent of unemployment and part-time employment. "Building operations are being resumed," said Secretary Davis, "and the return of manufacturing activity in the Ford automobile plant in Detroit, Michigan, is making for improved conditions in that city. The naval building program, the public building program and the program for flood control in the Mississippi River Valley will take up much of the slack in unemployment in the United States."

Damage estimated at more than \$2,000,000 was caused in California's timber area last year by insect pests with a penchant for wood diets, it is announced by State Forester M. B. Pratt. The bugs' board consumption amounted to 1,000,000 board feet of lumber, more than the state's loss by forest fires last year.

May 1 is the date which will probably be set by the San Francisco supervisors to vote on the proposal to issue bonds to purchase the Spring Valley Water Co. properties, to operate as a municipal project. The amount of the bonds will probably be set at \$41,000,000.

Nineteen California counties will be benefited this month by the state's "speed up" program of highway construction, according to B. B. Meek, director of the state department of public works. The March program calls for awards of contract and calls for bids totaling \$4,250,000, with the probability of \$5,336,818 work being done in the next four months.

San Mateo county supervisors have withdrawn franchise granted interests represented by Albert Mansfield, Redwood City attorney, authorizing the construction of a bridge from Candlestick Point, San Mateo county, to the foot of Webster street, Alameda. The structure was to be 45,000 feet in length, 40 feet wide and so designed as to permit widening to 80 feet to provide for railroad facilities. The cost was estimated at \$27,500,000. The franchise was withdrawn due to protests of San Francisco city officials and interests in the Peninsula district.

Proposed standard dimensions for removable concrete forms was a subject discussed at the semi-annual meeting of the Concrete Reinforcing Steel Institute held at Detroit. The conference decided to standardize on the width of forms, the length and total contraction of tapers, special filter widths and depths of forms. These recommendations will be taken up with the division of simplified practice, Department of Commerce, with the idea of nationalizing these standard dimensions.

Scientists, who have adopted the Missionian creed and have to be shown, now may sit back and view the test of a West Texas tradition that hornloads can live 100 years or more without water, food or air. Two of the reptiles, martyrs to science, allowed themselves to be sealed in a concrete block at a public park at Fort Worth, Texas, March 3. City officials, college professors and other prominent citizens were on hands at the ceremony. The performance attending the imprisonment was conducted by students of Texas Christian University.

More than 3,000,000 workmen will receive employment this year in the construction industry, according to opinions expressed by leading building contractors assembled at the recent annual convention in West Baden, Ind., of the Associated General Contractors of America. It was estimated, also, that construction materials having an approximate total value of \$1,600,000,000 will be used this year. This forecast of healthy conditions is based upon the belief among constructioners that this year's program will rival in size the record-breaking activities of 1927.

Mrs. Ediebell B. Plachek, wife of James B. Plachek, Berkeley architect, passed away March 7, on her birthday, in an Oakland hospital after a courageous fight of a year to regain her health. Mrs. Plachek was a native of Atlanta, Ga., and a member of a pioneer Southern family. She married Mr. Plachek twenty years ago in New York City and for the last sixteen years had lived in Berkeley. Until she was taken ill she was active in charity work. Besides her husband, she leaves her mother, Mrs. Elizabeth Buck of Berkeley, an aunt, Mrs. Delia Lermond of Santa Barbara and an uncle, Harry Wight of Los Angeles.

Officials of the Michigan-California Lumber Company express the hope that the plant units that are now nearing completion will be in operation some time in May, according to word from Camino, El Dorado County. The new plant represents an investment of more than \$1,000,000. In addition to the new buildings now being erected the owners are installing modern mill machinery. The new improvements will include the suspension of four new cables across American river canyon to form a ferry system for carrying lumber-loaded cars across the chasm.

A prediction by John Raskob, chairman of the finance committee of General Motors, that eventually every workingman would have 2-day holiday each week has aroused general interest because Raskob has the reputation among his associates of having a rather uncanny foresight and he has helped make eighty millionaires. Raskob's prediction of a two-day holiday per week was made in a statement to the Regional Planning Federation at Philadelphia. Electricity, coupled with the great inventive skill of man, he said, would eventually bring this about. In most cases this would be Saturday and Sunday, he said, but in others it probably would be advisable to have it over the week-end.

Voleske Tool Co., 690 York St., Portland, Ore., reports a demand for its shear and cutting tools. Among the one hundred representative users of the company's product in the Pacific Coast district, the following are located in the San Francisco Bay section: Otis Elevator Co., W. H. Worden Co., Smith-Rice Co., Waterbury Wire Rope Co., Black & Steel Wire Co., and E. H. Edwards Co., all of San Francisco. Holdener Construction Co., Sacramento; Mare Island Navy Yard, Vallejo and Moore Shipbuilding Co., Oakland, are other users.

A check of the licensed plumbers of the Los Angeles metropolitan district, including Beverly Hills, shows 591 plumbers doing business on January 9, 1928, under licenses issued by A. A. Bennett, chief of the plumbing division. W. Burwood Jones, the Daily Permit Service, who made the survey, notes a decrease of 97 in the number of firms doing business as compared with the same date last year.

W. C. Bickford, Seattle engineer, has been re-elected president of the Seattle Construction Council, an organization of 290 sub-contractors and building material dealers, affiliated with the Seattle Chapter, Associated General Contractors of America.

ALONG THE LINE

William Thomas, formerly engineer and draftsman in charge of operations on the North and South Jetties at Humboldt Bay has joined the engineering staff of the Little River Redwood Company at Eureka.

Noah H. Falk, retired pioneer lumberman and best known among the Redwood lumber interests, died at his home in Arcata, Humboldt County, March 11, following an illness of two weeks. He was 92 years of age.

J. R. West, who returned to this country from China last fall, has been appointed chief engineer of the Port of Seattle. Mr. West thus returns to the position he left 11 years ago to take up engineering work in the Orient.

Edward Hyatt Jr., state engineer, is in Southern California investigating the collapse of the Los Angeles aqueduct system in the San Franciscoquito Canyon, 45 miles from Los Angeles. He is accompanied by W. A. Perkins, deputy engineer.

Wm. A. Winn, county surveyor of San Benito County, died in Hollister, March 8. Mr. Winn has been ailing since a year ago last November when he suffered a seizure of heart trouble. He was 66 years old. His widow, daughter, son and brother survive.

Austin B. Fletcher, former California state highway engineer, died in Chevy Chase, Maryland, March 7. Death was due to pneumonia. Mr. Fletcher, who was the first highway engineer under the State Highway Commission, appointed by Governor Johnson in 1911, had been a consulting engineer for the United Bureau of Public Roads. Mr. Fletcher went to Sacramento from San Diego and resigned from the state service in 1922. Under the re-organization during the administration of Governor Wm. D. Stephens he held the office of director of the Department of Public Works.

Replying to rumors that he had resigned or would resign soon, Allan J. Wagner, Sacramento city engineer, announces he had "given no thought to it." He admitted, however, that he has had some attractive offers from contractors which he is still considering—also that he contemplated entering the contracting business for himself. As city engineer he receives a salary of \$7000.

Chas. H. Spear, former president of the California State Board of Harbor Commissioners, died in Berkeley March 7 at the age of 65. Death was due to heart trouble from which he had suffered for several years and as a result of which he was compelled a year ago to resign from the position of managing director of the Los Angeles City Harbor Commission, which position he accepted in 1925.

A merger of the Pennsylvania-Dixie Cement Corp. and North American Cement Corp. is reported to be in the stages of completion, according to word from New York. Announcement of the terms is expected shortly. The pending consolidation is believed in cement circles, it is said, to be a forerunner of a larger unit embracing International Cement Corp. This would give the consolidation plants in Argentina, Uruguay and Cuba, thereby creating a concern that would have output of favorable comparison with such companies as Lehigh Universal, Atlas and Alpha.

\$33,995,301 IS PACIFIC COAST CONSTRUCTION TOTAL FOR FEBRUARY

A notable resumption of new construction activity in the Pacific Coast cities is forecast by the official reports of building permits issued during February, as tabulated in the National Monthly Building Survey of S. W. Straub & Co.

In the 103 municipalities comprised in this survey, 11,679 permits were issued during February, for the erection of new buildings to cost \$33,995,301. This total is 16 percent above the January total, 21 percent above the December total, and is 5 percent above the comparable figure for last February.

The 10 Pacific Coast cities issuing the greatest volume of building permits during February, in order of relative construction costs are: Los Angeles, Seattle, Vancouver, San Francisco, Portland, Oakland, San Diego, Long Beach, Santa Monica and Glendale.

San Francisco's February total, 676 permits for \$2,398,450 of new construction, is 35 per cent under the January figure and 25 percent under that of last February. In the San Francisco Bay area 13 municipalities issuing \$5,257,000 in February permits, show a 14 percent reduction from January and a reduction of 11 percent from last February's figure.

Los Angeles, issuing 2849 permits for \$7,947,728 in new buildings during February, shows a 5 per cent gain over January's figures, a 4 per cent gain over last February, and a 19 per cent increase over the December, 1927, total. In the Los Angeles metropolitan area 14 municipalities outside of Los Angeles proper, issued \$2,767,337 in February building permits, 4 per cent less than in January, but 14 per cent more than during February of 1927.

Seattle increased 168 per cent over last February and 53 per cent over January's figure with a February total of 866 permits for \$4,126,795 of new construction. Of the 15 Washington cities reporting, 10 show gains over February of last year and 10 show gains over the January figures.

Portland issued 921 February permits for buildings to cost \$1,530,340, a 55 percent increase over January's figure, 50 per cent less than that of last February, but 36 percent above the total for December.

Oakland's February figure, 546 permits for \$1,348,380 of new buildings, is 4 per cent above January's total, but 21 per cent below that of last February.

Sacramento, issuing \$581,211 in February building permits, reports a 4 percent increase over January's figure but a 60 percent reduction from the total of February of last year.

San Jose's February total of \$262,035 in building permits issued, is 57 per cent less than the figure for last February but is 61 percent above that of January of this year.

Berkeley, issuing \$498,647 in February permits for new buildings, shows a 52 per cent gain over January and a 27 percent gain over last February.

Stockton's February total, \$122,422 in building permits, is 19 per cent above January's total and 9 percent above the figure for last February.

Following are the official February, 1928, construction cost figures reported by building department executives from 13 cities comprised in the Pacific Coast Section.

City—	February, 1928		Feb. 1927	Jan. 1928
	No.	Cost		
CALIFORNIA				
Alameda	69	\$ 191,370	\$ 85,574	\$ 146,515
Albany			138,575	34,650
Alhambra	74	160,000	192,420	137,550
Anaheim	5	5,205	10,995	18,625
Bakersfield	99	185,137	180,258	68,066
Berkeley	210	498,647	390,135	327,793
Beverly Hills	68	342,490	217,120	492,525
Burbank	41	92,241	125,460	218,030
Burlingame	35	154,125	118,200	150,950
Colton	19	18,000	10,450	20,025
Compton	22	46,115	35,900	67,845
Coronado	13	25,405	25,650	8,445
*Culver City		43,716	74,645	160,539
Emeryville	5	10,500	1,200	105,860
Eureka	57	65,542	25,425	31,673
Fresno	85	97,680	98,322	73,033
Fullerton	33	77,555	95,150	77,728
Glendale	123	609,090	834,462	513,780
*Hollywood	96	857,050	1,628,525	1,133,675
Huntington Park	61	131,585	153,890	231,830
Inglewood	33	61,050	92,320	76,200
Long Beach	395	1,200,960	546,240	816,800
Los Angeles	2849	7,947,728	7,574,354	7,509,691
Lynwood	27	97,000	54,340	53,275
Modesto	25	28,580	39,850	54,550
Monrovia	24	38,500	40,650	524,000
Montebello	22	51,330	12,670	73,556
National City	19	18,865	27,330	13,400
Oakland	546	1,348,380	1,720,644	1,289,753
Ontario	26	75,043	21,740	68,333
Orange	11	26,600	12,400	75,317

Alto	46	125,746	87,012	37,797
Los verdes Estates	2	30,400	51,000	12,000
Adena	150	306,670	265,963	546,916
Edmont	19	60,585	82,749	108,921
Monona	48	58,075	44,410	94,825
Blands	15	33,275	23,775	10,375
Monuco Beach	6	112,050	17,700	18,000
Wood City	33	90,866	60,574	39,195
Thmond	42	128,815	45,850	23,555
Perside	68	127,595	98,105	180,450
ramento	151	581,211	1,486,280	395,119
inas	36	160,661	140,170	80,709
na Bernardino	102	221,310	541,635	152,475
na Diego	514	1,239,212	963,763	1,072,611
na Francisco	676	2,798,450	3,210,978	3,710,925
na Gabriel	21	35,765	19,150	40,040
na Jose	78	263,035	610,510	162,425
na Leandro	27	49,092	62,060	25,821
na Marino	12	99,350	509,561	127,344
na Mateo	26	145,050	84,175	152,863
na Rafael	15	25,420	15,750	51,135
nta Ana	61	139,019	148,490	100,855
nta Barbara	92	386,345	220,757	218,763
nta Cruz	22	70,215	32,594	87,469
nta Monica	90	630,445	312,483	210,898
uth Gate	48	149,075	237,235	86,150
uth Pasadena	24	110,225	54,900	428,313
ockton	72	122,422	111,715	102,780
rance	39	67,625	63,750	65,025
ntura	44	155,650	204,150	120,975
rnon	25	93,931	99,165	43,790
hittier	22	77,426	28,480	49,710
Total	7622	\$21,930,134	\$22,688,048	\$21,911,926

ARIZONA

oenix	85	\$ 189,791	\$ 159,775	\$ 378,920
icson	60	198,410	168,717	92,095
Total	145	\$ 388,201	0 228,492	\$ 471,015

IDAHO

ise	42	\$ 20,000	\$ 47,000	\$ 47,200
aho Falls	3	6,600	31,250	1,000
ewlston	14	159,550	69,715	50,945
ampa	20	14,715	16,490	5,650
Total	99	\$ 200,865	\$ 164,455	\$ 104,795

NEVADA

eno	28	\$ 77,300	\$ 23,600	\$ 21,175
-----	----	-----------	-----------	-----------

OREGON

storia	21	\$ 13,360	\$ 4,895	\$ 22,303
ugene	30	72,500	145,400	75,550
lamath Falls	37	47,270	139,550	14,850
a Grande	15	4,205	59,015	6,400
arshfield	4	750	58,050	30,100
edford	40	52,285	48,800	48,115
ortland	921	1,530,340	3,065,935	982,200
alem	39	109,800	240,962	118,650
Total	1107	\$ 1,830,510	\$ 3,962,607	\$ 1,298,968

UTAH

ogan	5	\$ 8,000	\$ 6,000	\$ 14,000
gden	16	67,450	31,250	12,300
rovo	10	90,000	7,000	
alt Lake City	89	273,060	247,075	338,480
Total	120	\$ 438,510	\$ 291,325	\$ 364,780

WASHINGTON

berdeen	70	\$ 56,874	\$ 75,685	\$ 35,427
macortes	21	18,320	17,920	15,320
ellingham	86	145,803	148,832	75,924
everett	36	22,545	52,329	34,520
loquiam	36	244,745	73,325	155,703
ongview	18	93,590	70,755	19,825
lympia	24	41,925	12,460	51,825
ort Angeles	18	18,256	120,773	27,275
Seattle	866	4,126,795	1,535,810	2,692,530
Spokane	140	253,818	149,100	174,140
acoma	198	342,630	679,135	302,255
ancouver	21	32,900	26,059	82,670
Walla Walla	16	16,910	14,835	150
Wenatchee	40	50,450	35,550	70
akima	48	27,100	26,650	44,450
Total	1638	\$ 5,502,671	\$ 2,999,308	\$ 3,719,914

BRITISH COLUMBIA

Vancouver	258	\$ 2,530,930	\$ 827,810	\$ 587,640
Point Grey	176	516,780	478,700	343,690
Burnaby	109	88,035	101,110	70,720
No. Vancouver District	22	19,265	8,490	10,250
North Vancouver	24	46,000	43,095	29,910
South Vancouver	113	131,300	118,450	78,600
West Vancouver	17	27,500	45,410	29,900
New Westminster	35	147,300	74,210	92,145
Victoria	66	120,000	34,215	55,488
Total	920	\$ 3,627,110	\$ 1,731,530	\$ 1,298,143
Grand total 103 cities	11,679	\$33,995,301	\$32,189,365	\$29,190,716

*Hollywood figures included in Los Angeles totals.
**Figures received too late to be included in totals.

TRADE NOTES

Primo Guaralde will operate in the San Francisco Bay section under the firm name of Acme Concrete Co.

Lawrence C. Cother will operate from 55 New Montgomery street, San Francisco, under the firm name of Sunset Roof Company.

Folsom Street Iron Works of San Francisco, capitalized for \$150,000, has been incorporated. Directors are: R. Lutge, J. Arnke, J. Schneider, J. Lutge and F. B. Wiester.

Mechanical Contracting Co., of San Francisco, has been incorporated with a capital stock of \$50,000. Directors are: S. D. Allen, M. C. Allen, M. G. Shine, A. E. Shaw and A. T. Wiar.

California Concrete Products Co. of Santa Clara, capitalized for \$25,000, has been incorporated. Directors are: J. Fred Holthouse and John Abreo of Santa Clara; John T. Demicheli, San Jose; Henry Scholten, Santa Clara and K. S. Maryanski of San Jose.

National Fence Co. announces the change of firm name to Anchor Post Fence Co. with headquarters at 761 Bryant St., San Francisco. George C. Little is general manager of the company.

Merritt Concrete Products Co. of Santa Clara, capitalized for \$300,000, has filed articles of incorporation in Oakland. Directors are: R. Convery, Roy A. Bronson, V. Berges, S. L. Hooper and C. F. Tramutolo, all of San Francisco.

W. H. Judd has again assumed charge of the Stockton branch of the Frigidaire Corp., located at 14 South Sutter St., that city. Judd was the first Frigidaire dealer in San Joaquin County and left Stockton some fourteen months ago to assume a position with the Frigidaire interests in Oakland.

Vallejo Lumber Co. of San Francisco, capitalized for \$1000, has been incorporated. Directors are: L. W. MacDonald, G. M. Harrington and M. C. Mitchell.

King Sales & Engineering Co. of San Francisco, capitalized for \$25,000 has been incorporated. Directors are: M. A. King, Walter King and E. D. Bronson.

A. T. Eveleth of Verdi, Nev., has purchased the mill and yards of the Verdi Lumber Co. at 722½ East Fourth street, Reno. Eveleth was secretary-treasurer of the Verdi Lumber Co. at Verdi for the past 15 years. Henry Frey will be associated with Eveleth at Reno.

National Radiator Corp. reports for the initial four months of operation, August 30 to December 21, 1927, net earnings of \$993,948 before interest and federal taxes. Net profit was \$620,433 equal to \$1.80 a share on the common after preferred dividends.

Effective Jan. 1, the Pacific Coast offices of the Cutler-Hammer Mfg. Co., Milwaukee, Wis., will be located at 970 Folsom street, San Francisco, with branches at 229 Boyd street, Los Angeles, and 2203 First avenue South, Seattle. The new sales district will be in charge of Fred H. Oberschmidt, a member of the Cutler-Hammer organization for more than 15 years. The company manufactures a complete line of electric motor control apparatus and allied lines.

Building News Section

APARTMENTS

Plans Being Prepared

APARTMENTS Cost, \$12,200
SAN JOSE, Santa Clara Co., Santa Clara ave., bet. 2nd and 3rd sts.
Alterations to present two-story bldg., bldg. 12 stores and 1 apt.
Owner—Mr. Rampone
Architect—Wolfe & Higgins, Realty Bldg., San Jose
The plans will be ready for bids about March 16

Sub-Bids Being Taken

APARTMENTS Cost, \$80,000
SAN FRANCISCO, E Fillmore St. N Washington St.
Six-story reinforced concrete apartment building (22 apts.)
Owner and Builder—J. G. Kincannon, 1706 Geary St., San Francisco
Architect—H. C. Baumann, 251 Kearny St., San Francisco

Plans Being Prepared

APARTMENTS Cost, \$150,000
BERKELEY, Alameda Co., Cal., Dwight Way and Ellsworth St.
Six-story reinforced concrete apartment building (50 2 and 3-room apts.)
Owner—J. T. Fletcher
Architect—H. C. Baumann, 251 Kearny St., San Francisco

Plans Ready For Bids In 10 Days

APARTMENTS Cost, \$55,000
OAKLAND, Alameda Co., Cal., Ivy St.
Three-story Class B apartment building (50 rooms, all modern conveniences).
Owner—Ray Johnson
Architect—Douglas Stone, 351 Hobart St., Oakland

Contracts Awarded

APARTMENTS Cont. price, \$12,845
BURLINGAME, San Mateo Co., Cal., Burlingame ave., near Lorton St.
Three-story steel frame and concrete apartment and store building (div. 1, 4 and 5-room apts.; number of stores not decided).
Owner—Mr. Moyer
Architect—E. L. & J. E. Norberg, 580 Market St., S. F.
Contractor—Black & Campbell, Call Bldg., S. F.
Plumbing—Jos. Grimes, 215 California St., Burlingame

Structural Steel Bids Wanted

APARTMENTS Cost, \$163,000
SAN FRANCISCO, NE Bay and Polk Streets.
Six-story, basement and sub-basement steel frame and concrete apartment building (102 rooms, elevators, refrigeration, etc.)
Owner—Ragner Munson, 1175 7th Ave., San Francisco
Architect—Albert H. Larsen, 117 Sutter St., San Francisco

Plans Being Prepared

APARTMENTS Cost, \$90,000
BERKELEY, Alameda Co., Cal., Telegraph Avenue.
Three-story frame and stucco apartment building (39 2 and 3-room apts.)
Owner—Withheld
Architect—Clay N. Burnell, American Bank Bldg., Oakland

Segregated Bids Being Taken

APARTMENTS Cost, \$110,000
SAN JOSE, Santa Clara Co., Cal., N First St. and Hensley Ave.
Two-story frame and stucco apartment building (31 apts.)
Owner—C. W. Hoxon
Architect—Wolfe & Higgins, Realty Bldg., San Jose

Plans Being Prepared

APARTMENTS Cost, \$100,000
RICHMOND, Contra Costa Co., Cal., W 11th and Macdonald ave.
Three-story Class C brick apt. bldg.
Owner—W. T. E. Hoxon, 55 Stowman Ct., Oakland
Architect—H. C. Baumann, 251 Kearny St., San Francisco

Concrete In Type of Building

APARTMENTS Cost, \$—
SAN FRANCISCO, NW Fell & Buchanan Streets.
Six-story steel frame and concrete apartment building (21 2-room and 6 3-room apts.); electric refrigeration; elevator, steam heating, etc.
Owner—Fred Hechter, 1124 Balboa St., San Francisco

Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco
Concrete, Reinforcing Steel, Wood Form—
California Concrete Co., 8 Avery St., San Francisco

Plumbing—J. J. McLeod, 1216 Golden Gate Ave., San Francisco
Previously reported for a three-story frame and brick veneer apartment building.

Sub-Bids Being Taken

APARTMENTS Cost, \$60,000
SAN FRANCISCO, N Duboce Ave. S Market St.
Three-story frame and stucco apartment building (18 2 and 3-room apts.)
Owner and Builders—Lindsay Bros., 350 Joost St., San Francisco
Architect—R. R. Irvine & L. Ebbets, Call Bldg., San Francisco

Plans To Be Prepared

APARTMENTS Cost, \$500,000
OAKLAND, Alameda Co., Lake Dist.
Fifteen-story steel frame and concrete community apt. bldg.
Owner—Withheld
Architect—H. C. Baumann, 251 Kearny St., San Francisco

Sub-Contract Awarded

APARTMENTS Cost, \$52,000
OAKLAND, Alameda Co., Cal.—E-Third St. and Fifteenth Ave.
Three-story frame and brick veneer apartment building (21 2-room apts.)
Owner—Jacob Goldstein
Architect—Clay N. Burnell, American Bank Bldg., Oakland
Contractor—Edward Sommarstrom, 463 Jerome Ave., Oakland
Sheet Metal Work—East Bay Metal Works, 1101 Market St., Oakland
Plumbing and Heating—Jacob Goldstein
Carpentry Work—Oscar Soder, 2438 Ashby Ave., Berkeley
Lumber—Smith Lumber Co., Foot of 18th Ave., Oakland
Mill Work—Clinton Mill & Lumber Co., 701 4th St., Oakland
Painting—William Russell, 1924 11th Ave., Oakland

Plans To Be Revised

APARTMENTS Cost, \$60,000
SAN FRANCISCO, San Jose Avenue
One of six-story apartment building, 2 and 3-room apts.
Owner—Withheld
Architect—Oscar Thayer, 110 Sutter St., San Francisco
Previously reported for a three-story building.

Sub-Bids Being Taken

APARTMENTS Cont. Price, \$97,000
SAN FRANCISCO, NE Dolores St. Fourteenth Streets.
Five-story and basement reinforced concrete Class C apartment building (rooms).
Owner—P. A. Branswarth, 3926 10th Ave., San Francisco
Architect—Albert H. Larsen, 447 Sutter St., San Francisco
Contractor—G. P. W. Jensen, 320 Market St., San Francisco
As previously reported, structural steel awarded Jud-on-Pacific Co., 609 Mission St., San Francisco

Interior Finish Contract Awarded

APARTMENTS Cost, \$150,000
SAN FRANCISCO, Van Ness Ave. Clay Street

Three five-story Class C steel frame brick apartment buildings (2 and 3-room apts.)

Owner—Van Clay Building Co., Inc.
Architect—Albert H. Larsen, 447 Sutter St., San Francisco

Contractor—Stock, Maas & Sauer, 10 Clay St., San Francisco

Interior Finish—McCallum Lumber 715 Bryant St., San Francisco

Sub-bids are now being taken doors and casing. Other awards were previously reported.

Preparing Working Drawings

APARTMENTS Cost, \$300,000
SAN FRANCISCO, Clay Street
Eleven-story Class A community apartment building (21 4, 5 and 6-room apts., all modern conveniences; no terraces).
Owner—Mutual Realty Investors Co. (Samuel A. Schwartz)
Architect—Henry Shermund, Healy Bldg., San Francisco

Owner Taking Figures

APARTMENTS Cost, \$75,000
SAN FRANCISCO, 38th ave and Cabrillo street
Three-story and base, frame and stucco apartment bldg., 36 2-room apts.
Owner—J. Exicior, 135 Darien st.
Architect—H. C. Baumann, 251 Kearny St.

BONDS

SACRAMENTO, Cal.—Until March 17 bids will be received by Harry W. He county clerk, for purchase of \$9000 bond issue of Center Joint School District proceeds of sale to finance school improvements.

WOODLAND, Yolo Co., Cal.—Until April 2 bids will be rec. by county supervisors for purchase of \$65,000 bond issue of Clarksburg High School District proceeds of sale to finance erection of new school.

SALINAS, Monterey Co., Cal.—Until April 2 bids will be received by T. Joy, county clerk, for purchase of \$60,000 bond issue of Chualar Union School District proceeds of sale to finance erection of new school.

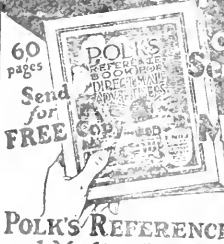
DELANO, Kern Co., Cal.—Second election is planned in Delano High School District to vote bonds to finance erection of new school or the remodeling of the present structure. Previous election defeated. Architects who have submitted preliminary plans include E. J. Kum, Fresno; Chas. Biggar, Bakersfield; and Cullimore & Symmes, Bakersfield.

Orders Inquiries

60
pages

Send
for
FREE COPY

Can be
Secured
by
MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Give counts and prices on over 8,000 direct lines of business. No matter what your business, in this book you will find the names of your prospective customers listed.

Valuable information is also given as to how you can get the most out of your orders and inquiries for your products or service.

Write for Your **FREE COPY**
R. L. POLK & CO., Detroit, Mich.
Listed in Every Direct Mail Publication in the World
Mailing List Catalog Business Bureau
Producers of Direct Mail Advertising

SANTA ROSA, Sonoma Co., Cal.—Election will be held March 30 in Dunr School District to vote direct tax of \$900 to finance school improvements. Trustees of district are: Milton Johnson, Irving Shepard and John Cambou.

REDWOOD CITY, San Mateo Co., Cal.—Until March 12, bids will be received by county supervisors for purchase of \$250,000 bond issue of Sequoia Union High school District; proceeds of sale to finance additions to high school. Gottchalk — Rist, architects, Phelan Bldg., San Francisco.

FAIR OAKS, Sacramento Co., Cal.—Election will be held March 30 in Fair Oaks School District to vote bonds of \$5,000 to finance erection of new school. Hoffman, Sahlberg & Stafford, architects, Plaza Bldg., Sacramento. Trustees of district are: S. E. Green, Carrie Rice and J. E. Holst.

REDWOOD CITY, San Mateo Co., Cal.—Election will be held March 30 in Las Comitas School Dist. to vote direct tax of \$7000 to finance school improvements. Trustees of district are: Mrs. J. B. Caning, Wm. Helfrich and P. E. Davidson.

LODI, San Joaquin Co., Cal.—Election will be held shortly in Houston School dist. to vote bonds of \$60,000 to finance erection of a 6-classroom school.

SACRAMENTO, Cal.—Until March 19, bids will be received by Harry W. Hall, county clerk, for purchase of \$8000 bond issue of Lincoln School District; proceeds of sale to finance school improvements. Fred S. Harrison, Peoples Bank Bldg., Sacramento, Architect.

TEHAMA, Tehama Co., Cal.—March 31 election in Tehama School Dist. to vote bonds of \$25,000 to finance erection of new school, plans for which are being prepared by Architects Starks & Flanders, Achsomer Bldg. Trustees of the district are: John T. Youles, Jas. Smathers, Geo. C. Simpson.

LOS ALTOS, Santa Clara Co., Cal.—Election will be held March 30 in Los Altos School Dist. to vote direct tax of \$7500 to finance 2-classroom addition to present school. Trustees of district are: Thos. D. Landels, Mrs. Paul Schoup and Harry A. Dutton.

BAKERSFIELD, Kern Co., Cal.—Election will be held April 6 in Beardsley School Dist. to vote bonds of \$123,000 to finance erection of new school. Trustees of district are: Chas. Zuercher, J. M. McIntosh and A. B. Tieck.

PHOENIX, Ariz.—\$625,000 bond issue for high school and junior college buildings carried. Will finance new high school to cost \$300,000, junior college building to cost \$175,000, remodeling and enlarging present auditorium at a cost of \$75,000, remodeling and enlarging physical training department to cost \$50,000 and enlarging the heating plant at a cost of \$25,000.

FRESNO, Fresno Co., Cal.—County Supervisors sell \$85,000 bond issue of Fresno High School District for premium of \$12,201; proceeds of sale to finance school improvements. The district still has \$215,000 in bonds for school imps. to be disposed of.

CHURCHES

Plans Being Completed.
CHURCH Cost, \$50,000
RENO, Nevada.
One-story reinforced concrete church building with tile roof.
Owner—Trinity Episcopal Church.
Architect—E. J. De Longchamps, Gazette Bldg., Reno, and 325 Market St., San Francisco.

LA VERNE, Los Angeles Co., Cal.—The Church of the Brethren plan campaign to erect new church; est. cost \$100,000.

Sub-bids Being Taken
CHURCH Cost \$17,000
SAN FRANCISCO, W 17th ave. S Ulloa street.
Alterations and additions to church bldg. Owner—Roman Catholic Archbishop of S. F., 1100 Franklin st.
Architect—Leon J. Devlin, Pacific Bldg.
Contractor—Barrett & Hilp, 918 Harrison st.

Sub-contracts Awarded
CHAPEL Cost \$175,000
SAN FRANCISCO, Jones, Taylor, Sacramento and California sts.
Class A chapel building.
Owner—Grace Cathedral Parish.
Architect—Lewis P. Hobart, Crocker Bldg., S. F.
Contractor—Dinwiddie Construction Co. Crocker Bldg., S. F.
Granite and cut stone—McGilvray Raymond Granite Co., 634 Townsend st.
Electrical work—Central Elec. Co., 179 Minna st.
Heating, ventilating and plumbing—C. Petersen Co., 390 6th st.
Reinforcing steel—Soule Steel Co., Rialto Bldg.

SACRAMENTO, Cal.—Of the total amount required to finance construction, \$50,000, building committee of First Evangelical Church has secured \$25,000 to erect new edifice in Tenth st., P and O sts. Will be brick construction with stone trimmings. Jens C. Petersen, architect, California State Life Bldg., Sacramento.

Preparing Working Drawings.
CATHEDRAL Cost, \$4,000,000
SAN FRANCISCO, Block bounded by Jones, Taylor, Sacramento and California Streets.
Completing Class A cathedral.
Owner—Grace Cathedral Parish.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
As previously reported, H. V. Tucker, 390 Vermont St., San Francisco, awarded grading.

ROSEVILLE, Placer Co., Cal.—Roseville Presbyterian Church suffers \$2500 fire loss, most water damage except roof which was completely destroyed. Renovations will be started at once. Rev. M. E. Coen, pastor.

FACTORIES & WAREHOUSES

Sub-Contracts Awarded.
ADDITION Cost, \$250,000
BERKELEY, Alameda Co., Cal. San Pablo and Heinz Aves.
One and two-story brick and stucco addition to present manufacturing plant, offices, etc. (approx. 767x200 feet).
Owner—H. J. Heinz Corp., 2900 San Pablo Ave., Berkeley.
Architect—Albert Kahn, Detroit, Mich.
Contractor—The Austin Co., 244 Kearny St., San Francisco.
Structural Steel—Judson-Pacific Co., 603 Mission St., San Francisco.
Lumber—Sunset Lumber Co., Foot of Oak St., Oakland.

TURLOCK, Stanislaus Co., Cal.—Neil & Wirtner, Turlock, have contract and started construction on 40 x 100 ft. warehouse in South Front st. for Shippers & Growers Co. Est. cost \$2200.

Plans Being Prepared
SHOP BLDG. Cost \$11,000
SAN JOSE, Santa Clara Co., 6th and John sts.
One and two-story reinforced concrete machine shop building.
Owner—Mr. Pratt.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Bids will be taken in about one week.

CHICO, Butte Co., Cal.—Peach growers of this vicinity are inspecting various types of canning plants with a view to erecting a modern plant in Chico. J. E. Drobish of the Division of Markets, State Department of Agriculture, is assisting in furthering the project.

LOS ANGELES, Cal.—Austin of Cal-Marysville, Yuba Co., Cal.—L. E. Hite, 515A D st., Marysville, at approx. \$15,500 has contract to erect 1-story concrete drying and cleaning plant for H. A. Walton to be leased to Spotless Cleaners, Delta Bldg., Marysville. Will be erected in B st. near 6th. Equipment will cost \$6000 exclusive of building cost.

BAKERSFIELD, Kern Co., Cal.—Architects Cullimore & Symmes, 10 Oleander st., Bakersfield, preparing plans for general reconstruction of creamery plant for Kern County Creamery & Farms Co. at Twenty-second and 1 sts. Will include exterior and interior changes. Cement stucco exterior. Plant is operated by Peacock Goode.

Sub-bids being taken.
WAREHOUSE Cost \$25,000
OAKLAND, Alameda Co., 2310 Peralta st.
Rebuilding hollow tile and brick warehouse (recently destroyed by fire).
Owner—East Bay Iron & Metal Works. Plans by Chas. Wagner, Hobart Bldg., S. F.
Contractor—Spivock & Spivock, Hobart Bldg., S. F.

Sub-Contracts Awarded.
AUTO LAUNDRY Cost, \$50,000
SAN FRANCISCO, NE Van Ness Ave. and Pine Street.
One-story reinforced concrete auto laundry, 100x150 feet.
Owner—Pacific Gillespie System, Inc.
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Contractor—Villadsen Bros., 417 Market St., San Francisco.
Steel Sash—Detroit Steel Products Co., 417 Market St., San Francisco.
Electric Work—Central Electric Co., 179 Minna St., San Francisco.
Brick Work—Wm. Rainey & Son, 323 Clementina St., San Francisco.
Cast Stone—August Dackert & Co., 1450 15th St., San Francisco.

Structural Steel Contract Awarded
MILL BLDG. Cost \$75,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal.
One-story steel mill building, 60x720 ft.
Owner—E. H. Edwards Co., Butler rd., South San Francisco.
Architect—Eng. Dept. of owner.
Contractor—George Wagner, Inc., 181 South Park, S. F.
Structural steel—Pacific Coast Engineering Co., foot of 14th st., Oakland.

OAKLAND, Cal.—Until March 19, 5:30 p. m., bids will be received by City Port Comm., Oakland Bank Bldg., to construct super-structure for Hangar No. 2 at Municipal Airport. Will have structural steel frame with corr. iron covering. Contract for foundation work has been awarded to Triberti & Massaro, 635 44th st., Oakland. Plans obtainable from secty. of City Port Comm.

MODESTO, Stanislaus Co., Cal.—Modesto Terminal Co. and Modesto-Empire Traction Co. will expend \$75,000 in improvements to facilitate freight handling, according to George Beard, manager of the concerns. Warehouses, loading platforms, etc., are included.

FLATS

Plans Being Figured—Bids Close March 16th.
FLAT BLDG. Cost, \$15,000
SAN FRANCISCO, Powell St., between Pacific and Broadway.
Three-story frame and stucco flat and store building (2 5-room flats and 1 store).
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

GARAGES

SAN FRANCISCO—W. A. Degan, Alameda, at \$748 submitted low bid and was awarded the contract by Constructing Quartermaster, Fort Mason, to erect Radio Beacon at Fort Winfield Scott.

What architects and all who build have learned to expect from Quandt craftsmanship:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Preliminary Plans Being Prepared
GARAGE Cost \$110,000
SAN JOSE, Santa Clara Co., South First
street
Three-story reinforced concrete garage
bldg.
owner Withheld
Architect Binder & Curtis, 75 W-San
Carlos st., San Jose.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO BAY—Recommendation for a main channel across the bar in San Francisco Harbor, forty-five feet deep at mean low water and 2000 feet wide and other improvements at an estimated total cost of \$1,281,000 with \$200,000 annually for maintenance, has been made to Congress by the chief of army engineers. The recommendation modifies the existing project and also calls for removal of Presidio Shoal, Rincon Reef (inner) Rincon Reef (outer) Blossom Rock, and Aleatroz Shoal, westward of a north and south line 2000 feet west of Aleatroz light to a depth of forty feet at mean low water. It calls for removal of Arch Rock, Shag Rocks, Nos. 1 and 2 and Harding Rock, to a depth of thirty-five feet at mean low water; and removal of Raceoon Shoal and Point Knox Shoal westward of a north and south line through Point Stuart light to a depth of thirty-five feet at mean low water.

SAN DIEGO, Cal. (Special Correspondence)—As previously reported, Rowlett E. McKee, 28 Central Bldg., Los Angeles, submitted low bid to Bureau of Yards and Docks, Navy Dept., Washington, D. C., to construct pier at foot of E. St. San Diego, will be 65x430 ft. in addition to constructing bulkhead 185 ft. long; also 8000 cu. yds. dredging and filling. Pier construction will involve 359 reinf. conc. piles, 29x20 in., 40 to 62 ft. long; 1500 cu. yds. reinf. conc.; 100 tons reinf. steel; 2660 ft. 8x24-in. reinf. conc. sheet piling; 3000 sq. ft. timber (relieving platform); 100 creosoted fender piles; 110 untreated piles. Tracks, water and electric supply system, bitts, timber work, etc., also included in project.

Bids were taken as follows: Item 1a, work complete, design a, cast in place, concrete superstructure; 1b, work complete, design b, precast concrete superstructure, alternative 1; 2a, add and deduct from item 1a for each typical bay added to or omitted from the outboard end of the pier; 2b, add to and deduct from item 1b for do; 3a, deduct from items 1a and 1b for the omission of track work on shore and all work appertaining thereto except the concrete approaches for the track; 3b, deduct from items 1a and 1b for the omission of the water pipe line on shore; 2c, deduct from items 1a and 1b for the omission of the telephone and electric duct lines and all work on shore appertaining thereto.

Robert E. McKee, 1128 Central Bldg.,
Los Angeles, Cal., item 1a, \$161,000; 2a,
\$7,000; 3a, \$5,000; 3b, \$1100; 3c, \$1300.

Lange & Bergstrom, Commonwealth Bldg., San Diego, item 1a, \$166,000; 2a, add \$1238, deduct \$3000; 3a, \$5700; 3b, \$1300, 3c, \$1500.

McWilliams & Ritchey, 5535 Fernwood
av., Los Angeles, item 1a, \$238,000; 1b,
\$242,000; 2a, \$7000; 2b, \$7200; 3c, \$7400.

S. N. Kerns, 1403 E. Anaheim St., Long Beach, item 1a, \$222.50; 1b, \$222.50; 2a, \$1900; 2b, \$9200; 3b, \$1250; 3c, \$1600.

Frank Moran, Speckel's Theatre Bldg.
San Diego, item 1a, \$198,000; 2a, \$6,500;
3a, \$5,000; 3b, \$10,000; 3c, \$2100

Rose Construction Co., 105 W 4th st., Los Angeles, item 1a, \$199,500; 1b, \$262,100; 2a, \$800; 2b, \$7000; 3a, \$5600; 3b, \$2750; 3c, \$500.

Class	A	B	W	Stiffen	Strengthen
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1
10	1	1	1	1	1
11	1	1	1	1	1
12	1	1	1	1	1
13	1	1	1	1	1
14	1	1	1	1	1
15	1	1	1	1	1
16	1	1	1	1	1
17	1	1	1	1	1
18	1	1	1	1	1
19	1	1	1	1	1
20	1	1	1	1	1
21	1	1	1	1	1
22	1	1	1	1	1
23	1	1	1	1	1
24	1	1	1	1	1
25	1	1	1	1	1
26	1	1	1	1	1
27	1	1	1	1	1
28	1	1	1	1	1
29	1	1	1	1	1
30	1	1	1	1	1
31	1	1	1	1	1
32	1	1	1	1	1
33	1	1	1	1	1
34	1	1	1	1	1
35	1	1	1	1	1
36	1	1	1	1	1
37	1	1	1	1	1
38	1	1	1	1	1
39	1	1	1	1	1
40	1	1	1	1	1
41	1	1	1	1	1
42	1	1	1	1	1
43	1	1	1	1	1
44	1	1	1	1	1
45	1	1	1	1	1
46	1	1	1	1	1
47	1	1	1	1	1
48	1	1	1	1	1
49	1	1	1	1	1
50	1	1	1	1	1
51	1	1	1	1	1
52	1	1	1	1	1
53	1	1	1	1	1
54	1	1	1	1	1
55	1	1	1	1	1
56	1	1	1	1	1
57	1	1	1	1	1
58	1	1	1	1	1
59	1	1	1	1	1
60	1	1	1	1	1
61	1	1	1	1	1
62	1	1	1	1	1
63	1	1	1	1	1
64	1	1	1	1	1
65	1	1	1	1	1
66	1	1	1	1	1
67	1	1	1	1	1
68	1	1	1	1	1
69	1	1	1	1	1
70	1	1	1	1	1
71	1	1	1	1	1
72	1	1	1	1	1
73	1	1	1	1	1
74	1	1	1	1	1
75	1	1	1	1	1
76	1	1	1	1	1
77	1	1	1	1	1
78	1	1	1	1	1
79	1	1	1	1	1
80	1	1	1	1	1
81	1	1	1	1	

Theatre Bldg., San Diego, item 1a,
1900-2a, \$1350; 3a, \$12,500.

1-1-60; 2a, \$13,000; 3a, \$12,500.
 1-1-60; 1a, Pacific Paving & Construction Co.,
 641 Security Title Insurance Bldg., Los
 Angeles, item 1a, \$144,412; 1b, \$200,000.
 2a, \$468; 2b, \$6347; 3a, \$8854; 3b, \$8857.
 Air, item 1a, \$193,749; 1b, \$219,100; 2a,
 \$698; 2b, \$4047.

Merritt, Chapman & Scott Corp., San
Pedro, Cal., item 1a, \$211,950; 2a, \$5400;
3a, \$6980; 7b, \$2000; 3c, \$2900.

Newport Contracting & Engineer Co.,
Newport News, Va., item 1a, \$179,319;
1b, \$191,319; 2a, add \$120, deduct \$2000;

2b, add \$5200; deduct \$3500; 3a, \$3500;
3b, \$1200; 3c, \$1800.

M. B. McGowan, Call Bldg., San Francisco, item 1a, \$205,000; 1b, \$246,000; 2a, \$3100; 2b, \$5300; 3a, \$7000; 3b, \$1000; 3c, \$1500.

Wurster Construction Co., Spreckels Theatre Bldg., San Diego, item 1a, \$169,000; 2a, \$3750; 3a, \$4500; 3b, \$1250; 2c, \$1600.

SAN FRANCISCO—Until March 19, 11 A. M., under Order No. 9516-1279, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano County, lumber as follows:

Select Common Pine SAs

10 pcs.	210'	B. M.	1"x6"	-12'
40 pcs.	280'	B. M.	1"x6"	-14'
10 pcs.	320'	B. M.	1"x6"	-16'
10 pcs.	360'	B. M.	1"x6"	-18'
10 pcs.	960'	B. M.	2"x12"	x12'
10 pcs.	1120'	B. M.	2"x12"	x14'
10 pcs.	1280'	B. M.	2"x12"	x16'
10 pcs.	1440'	B. M.	2"x12"	x18'
40 pcs.	1600'	B. M.	2"x12"	x20'
10 pcs.	1680'	B. M.	3"x6"	x28'
2 pcs.	425'	B. M.	4"x14"	No. 1 Common Pine

Further information obtainable from
above office.

SAN FRANCISCO—Until March 20, 11 A. M., under Order No. 9517-1279, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county, carriage bolts, stove bolts, machine bolts, lag screws, cap screws, lock washers, soft lead wire, cold rolled steel, twist drills, etc. Further information obtainable from above office.

SAN FRANCISCO—The following bids received by Constructing Quartermaster, Fort Mason, to erect wire fencing around gasoline storage plant at Crissy Field: Michel & Pfeffer Iron Works, Tenth and Harrison Sts., \$441; Standard Fence Co., \$474; Anchor Post Fence Co., \$475.

SAN DIEGO, Cal.—Until 11 A. M., Mar. 27, bids will be received by Capt. Geo. A. McKay, public works officer, San Diego, for services to sick officers' quarters and gate house at naval operating base hospital at San Diego. The work will include (a) steam, vacuum and high pressure return piping in concrete conduits, (b) fiber and steel electric ducts incased in concrete, concrete electric manholes, high-tension light and power cables, low tension feeders, transformers; (c) terra cotta and cast iron drains, brick manholes; (d) cast iron and galvanized steel water piping; (e) cast iron and wrapped black steel gas piping. Plans may be obtained from public works office on deposit of \$10.

SAN FRANCISCO—Until April 9, 11 A. M., bids will be received by U. S. Engineer Office, 321 Customhouse, to furnish 300,000 tons of stone for jetty at entrance to Umpqua river, Ore. Spec. obtainable from above office.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 210 California St., San Francisco):

Sch. 8635, various yards, lumber, Mar.

Sch. 8641, western yards, ratchet braces, bolt clippers, breast and hollow handle drills, Mar. 27.

Sch. 8612, western yards, countersinks
and drills, Mar. 27.

Sch. 8613, western yards, vases, Mar. 27.
Sch. 8645, 182 liquid pest-extermimator
sprayers, Mar. 20.

Sch. 8632, Mare Island, 10 arc welding sets, Mar. 20.
Sch. 8682, Mare Island and Puget

Sound, 6000 lbs. forgings, steel, cruising turbine rotor, Mar. 27.

DENVER, Colo.—Until April 10, bids will be rec. by U. S. Reclamation Service, Denver, for fabrication and erection of the riveted plate steel portions of the 12 ft. 1 in. diameter siphons for Horse shoe Canyon and Morrison Canyon on the main canal, Kittitas division, Yakima projects, Washington. The siphon sites are located about 8 and 9 miles respectively, east of Cle Elum, Wash. The work will require about 890,000 lbs. of metal work. Plans obtainable from above office.

VALE, Ore.—Until April 6, bids will be rec. by U. S. Reclamation Bureau, Vale, Ore., to construct earthwork and structures of the Vale main canal from station 625.50 to station 1117.50. The work is located near Harper, Ore., on the Oregon eastern branch of the Oregon Short Line Railroad. The work will include 821,000 cu. yds. of canal, structure and other excavation, 14,500 sta. cu. yds. of overhaul, 9200 cu. yds. of compacted embankments or puddled core, 28,000 cu. yds. of backfill about structures, 2000 cu. yds. of puddling or tamping backfill about structures, 2200 cu. yds. of concrete structures, placing 184,000 lbs. of reinforcement bars, laying 680 lin. ft. of 6 in. drain pipe and 680 lin. ft. of 6 in. to 24 in. diam. concrete pipe for structures, erecting 21,000 ft. b. m. of timber bridges and installing 14,000 lbs. of gates and other metal work. Plans obtainable from above office.

HALLS AND SOCIETY BUILDINGS

WOODLAND, Yolo Co., Cal.—Members of the Town and Country Club contemplate purchase of site in Woodland residential district on which it is proposed to erect club building. Of total amount required for construction, \$10,000 is already available. The proposal to erect an adobe structure has been rejected by the club membership and a more modern structure than first anticipated will be erected.

WOODLAND, Yolo Co., Cal.—Carleton Pierson, Woodland, has completed plans and bids are being received by St. Luke's Episcopal Church to erect additions to parish house; estimated cost \$10,000. Addition will comprise a combined Bible school, hall and social room and will be located on the Second street side of the church property. Plans are obtainable from the Building Committee at the church.

Plans Being Prepared.
CLUB BLDG. Cost, \$50,000
BERKELEY, Alameda Co., Cal. Bancroft
Way near College Avenue.
Club building.
Owner—College Women's Club of Ber-
keley, 2642 Bancroft Way, Berkeley.
Architect—Walter Steilberg, 1 Orchard
Lane, Oakland.

CRESCENT CITY, Del Norte Co., Cal.—Architect Jens C. Petersen, California State Life Bldg., Sacramento, commissioned by Veterans' Memorial Building Committee for proposed \$60,000 memorial building; main auditorium will have seating capacity of 1000 exclusive of balcony.

SEBASTOPOL, Sonoma Co., Cal. — Sebastopol Post, American Legion, has adopted resolution to purchase site in North Main st. on which will be erected new clubhouse. Early construction is contemplated.

MARYSVILLE, Yuba Co., Cal.—City council has offered to sell to Benevolent and Protective Order of Elks an irregular shaped parcel of property on the west side of D st. bet. 9th and 10th sts. on which the lodge proposes to erect a modern club building. Dean & Dean, California State Life Bldg., Sacramento, are brokers.

MARYSVILLE, Yuba Co., Cal.—Erection of proposed clubhouse for Yuba-Sutter Golf Club will be financed through membership due payment. Plans for the proposed building have already been completed and construction will probably be started in April. Directors are: I. C. Evans (general contractor); H. B. P. Carden, J. U. Pearson, Donnell Greely and J. L. Sullivan.

Contracts Awarded
CLUB HOUSE. Cont. price \$238,000
CLAND, Alameda Co., Cal., Broadway and Clifton st.
 Two-story frame and stucco clubhouse.
 Owner—Claremont Country Club (Mr. Watson in charge).
 Architect—Geo. W. Kelham, 315 Montgomery st., S. F.
 Engineer—H. J. Brunnier, Sharon Bldg., S. F.
 Contractor—Taylor & Jackson, 290 Teama st., S. F.
Cast metal—Forderer Cornice Works, 269 Potrero ave., S. F.
Plumbing and heating—George A. Schuster, 21st and Grove sts., Oakland.
Class—W. P. Fuller & Co., 301 Mission st.
Plumbing and Lumber Bids Wanted.
CLUB BUILDING. Cont. price \$88,679
N FRANCISCO, Broderick and Baker sts., 200x300 ft.
 Two-story frame and stucco yacht club building.
 Owner—St. Francis Yacht Club (Hiram W. Johnson).
 Architect—Willis Polk Co., 277 Pine St.
 Contractor—Stephenson Construction Co. Hearst Bldg.
 Previously reported, painting—The Neal Co., 447 Ivy st.

BAKERSFIELD, Kern Co., Cal.—Early construction of a lodge building for Fraternal Order of Eagles was assured at recent meeting of the organization when edge cards to finance were announced during the visit of Lou V. Westernman, national chief of the order. A structure costing \$350,000 is contemplated.

CHICO, Butte Co., Cal.—Chico Golf club plans extensive improvements to links in addition to const. of dam and improvements in connection with open swimming pool. Dr. R. C. Morris is president of the club, and C. O. Bossemyer, secy.-treas.

LODI, San Joaquin Co., Cal.—Lodi Welfare Association is having plans prepared to remodel lower floor of old city hall building for recreation center. Work will be started when plans are approved by city council.

Preparing Sketches.
CLUB HOUSE Cost, \$—
ELMONT, San Mateo Co., Cal.
 One-story frame and stucco club house with tile roof (billiard and card rooms, library, motion picture theatre).
 Owner—California Sanitarium.
 Architect—Martin A. Sheldon, 681 Market St., San Francisco.

Plans Approved by Supervisors—Bids to Be Asked Shortly.
CLUB Cost \$15,000
MADERA, Madera Co., Cal.
 Remodel old church building for American Legion club building and community auditorium.
 Owner—County of Madera.
 Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno.

HOSPITALS

SAN BERNARDINO, Cal.—Architect Howard E. Jones, San Bernardino, has prepared prel. plans for two-story Class A addition to county hospital; will contain 2 wards of 6 beds each and 4 private rooms with utility rooms, reinforced concrete construction.

Plans Being Prepared.
HOSPITAL Cost, \$25,000
SAN FRANCISCO, Geary St., bet. Third and Fourth Aves.
 One-story frame and stucco cat and dog hospital with two rooms on roof.
 Owner—Dr. Gustave Henno, 3200 California St., San Francisco
 Architect—Withheld.

REDWOOD CITY, San Mateo Co., Cal.—County Purchasing Agent E. H. Werder authorized to purchase ten additional beds and to rearrange plumbing and provide painting in new quarters.

Commissioned to Prepare Plans
HOSPITAL Cost \$26,000
SALINAS, Monterey Co., County hospital grounds.
 Tubercular unit, 16 rooms.
 Owner—Monterey County.
 Architect—Reed & Corlett, Oakland Bank of Savings, Oakland.

Plans Being Figured—Bids Close April 9th, 10:30 A. M.
DORMITORY Cost, \$50,000
NEAR LIVERMORE, Alameda Co., Cal.
 Del Valle Farm.
 Two-story Class A dormitory building (accommodations for 125 children and isolation wing).
 Owner—Alameda County (Tuberculosis Assn.), 121 E-11th St., Oakland.
 Architect—Henry H. Meyer, Kohl Bldg., San Francisco.

FRESNO, Fresno Co., Cal.—County supervisors approve plans for second unit of administration building at tubercular sanitarium to be erected at Auberry. Chas. E. Butner, architect, Cory Bldg., Fresno. Bids have been ordered received to be opened probably April 6. Plans on file in office of D. M. Barnwell, county clerk.

Planned.
ALTERATIONS Cost, \$25,000
SAN FRANCISCO. First and Parnassus Avenues.
 Alter Medical Building (tearing out partitions, etc.)
 Owner—University of California.
 Architect—None.
 Contractor—Building & Grounds Dept. of Owner.
 Considerable new equipment is to be purchased in addition to equipment to be moved from Berkeley to San Francisco.

HOTELS

Preparing Working Drawings
HOTEL Cost \$100,000
CITY LOCATION WITHHELD
 Two-story class C hotel bldg., 50 rooms
 Owner—Name Withheld.
 Architect—Guy L. Rosebrook, 1404 Franklin st., Oakland.
 More definite information will be given in one week.

Working Drawings Being Prepared
HOTEL Cost \$125,000
CITY LOCATION WITHHELD.
 Two-story class C concrete hotel bldg., 60 rooms.
 Owner—Name withheld.
 Architect—Guy L. Rosebrook, 1404 Franklin st., Oakland.
 More definite information will be given in one week.

Plans Being Figured—Bids Close Mar. 24
HOTEL Cost, \$100,000
VALLEJO, Solano Co., Cal. Sonoma and Capitol Streets.
 Two-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).
 Owner—La Casa De Vallejo (Harry Hendlery and Isadore Meyers).
 Architect—Slocombe & Tuttle, 337 17th St., Oakland.

SAN DIEGO, Cal.—Architect F. W. Stevenson, Spreckles Bldg., San Diego, and Architects Traver & Jacobs, 1008 W. 6th St., Los Angeles, complete prel. plans for sixteen-story Class A store and hotel to be erected in A St. near 3rd for the Balboa Hotel Corporation. It will be known as the El Don Hotel. Wm. Simpson Constr. Co., Architects Bldg., Los Angeles, will be the contractor. Work is to be started May 1. 200 feet on A St., 150 ft. on Third St., and 100 ft. on Fourth St. There will also be a five-story Class A garage, 50x100 ft. reinforced concrete construction; cost, \$1,000,000.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Sub-Contracts Awarded.
HOTEL Cost, \$2,000,000
SAN FRANCISCO. SE Sutter and Powell Streets.
 Twenty-three-story Class A hotel building.
 Owner—Sutter-Powell Realty Co., Financial Center Bldg., San Francisco.
 Architect—Weeks & Day, Financial Center Bldg., San Francisco.
 Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.
Marble—J. E. Back Co., Inc., 1523 San Bruno Ave., S. F., at \$10,000.
Tile Work—Malott & Petersen, 3221 20th St., San Francisco, at \$8200.
Electric Work—H. S. Tittle Co., 85 Columbia Square, S. F., at \$14,000.
Plumbing, Heating and Ventilating— Latourrette-Fical, 57 Clementina St., San Francisco, at \$38,810.
Sheet Metal—Forderer Cornice Works, 269 Potrero Ave., S. F., at \$4000.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco, at \$2000.

Plans Being Prepared
HOTEL Cost \$500,000
SAN FRANCISCO, Geary st., Maggie alley.
 Thirteen-story class A hotel bldg., 250 rooms, 80 per cent baths; all modern conveniences.
 Owner—Marian Realty Co., 110 Sutter st.
 Architect—H. C. Baumann, 251 Kearny st.

HEALDSBURG, Sonoma Co., Cal.—E. R. Barr, representing a western hotel financing concern is conferring with civic interests regarding erection of \$160,000 hotel. A committee has been appointed to work with Barr and to secure the sentiment of local people with a view to financing the project.

Preparing Preliminary Plans
HOTEL Cost \$125,000
LOCATION WITHHELD.
 Six-story class C brick hotel bldg., 100 rooms.
 Owner—Withheld.
 Architect—Fabre & Hildebrand, 110 Sutter st., S. F.

ICE AND COLD STORAGE PLANTS

Plans Ready for Bids Next Week.
COLD STORAGE PLANT. Cost \$250,000
WATSONVILLE, Santa Cruz Co., Cal., Beach road (150,000 sq. ft.)
 One-story reinforced concrete cold storage plant, 300x500 ft.
 Owner—Apple Growers Cold Storage Co.
 Engineers—Utley & Kleindinst, 354 Hobart St., Oakland.
 Segregated bids will be taken. Specifications prev. reported.

POWER PLANTS

SAN LUIS OBISPO, Cal.—Midland Counties Public Service Corp., will expend \$27,708 in San Luis Obispo District during 1928, according to J. Kelly, manager. Will include: 2nd bank of transformers (1250 KVA) for San Luis Obispo sub-station, est. cost, \$22,600. To replace insulators on lines in Oceano, Oceano Beach, etc., est. cost, \$15,000; reconstr. lines in Arroyo Grande, changing from 2000-volt to 11,000-volt, cost \$5000. Completion of 2000-volt loop in San Luis Obispo, cost \$5000. Other reconstruction work calls for an expenditure of \$3000 in Pismo, \$2000 in Paso Robles, \$2800 in Atascadero, and an additional \$3000 in the city of San Luis Obispo.

PHOENIX, Ariz.—Salt River Valley Water Users' Assn., having plans prepared for dam at Stewart Mountain for development of 8000 kilowatt hours electric energy of which 7000 will be sold to Central Arizona Light & Power Co.

PUBLIC BUILDINGS

WILLOWS, Glenn Co., Cal.—Until April 10, 10 A. M., bids will be received by W. B. Sale, county clerk, to erect library building at Hamilton City. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect one-story brick machinery building with roof of concrete foundation, common brick walls and tile roof. Estimated cost \$125,000. Henry H. Gatterson, architect, 326 Powell St., San Francisco.

Alt. 1, add; Alt. 2, add; Alt. 3, add; Alt. 4, add; Alt. 5, add; Alt. 6, add; Alt. 7, add; Alt. 8, add; Alt. 9, add; Alt. 10, add; Alt. 11, add.

General Work

Carl Swenson, 6th—Santa Clara Ave., San Jose, \$91,351; Alt. 1, \$3700; 2, \$6000; 3, \$5800; 4, \$3750; 5, \$5500; 6, \$6250; 7, \$2000; 8, 10,500; 9, \$1613; 10, \$650; 11, \$—.

Harnden & Emigson, Sacramento, \$95,451; Alt. 1, \$7656; 2, \$3350; 3, \$5118; 4, \$1035; 5, \$177; 6, \$2518; 7, \$14,698; 8, \$5687; 9, \$1588; 10, \$179; 11, \$7134.

J. A. Bryant, San Francisco, \$97,186; Alt. 1, \$8211; 2, \$1658; 3, \$5242; 4, \$2353; 5, \$1291; 6, \$2137; 7, \$15,711; 8, \$5919; 9, \$1466; 10, \$170; 11, \$9625.

McGilvray Construction Co., Sacramento, \$98,800; Alt. 1, \$6150; 2, \$3485; 3, \$4708; 4, \$2980; 5, \$1750; 6, \$2510; 7, \$14,400; 8, \$5600; 9, \$2130; 10, \$540; 11, \$11,800.

G. D. Hudnuth, Inc., Sacramento, \$101,956; Alt. 1, \$9211; 2, \$1125; 3, \$5120; 4, \$2978; 5, \$2396; 6, \$2710; 7, \$15,456; 8, \$5341; 9, \$1756; 10, \$130; 11, \$7925.

Mathews Construction Co., Sacramento, \$102,000; Alt. 1, \$4000; 2, \$4500; 3, \$5000; 4, \$750; 5, \$1950; 6, \$2750; 7, \$—; 8, \$3300; 9, \$2500; 10, \$900; 11, \$12,000.

P. F. Bender, Sacramento, \$103,300; Alt. 1, \$7396; 2, \$1012; 3, \$21,596; 4, \$5114; 5, \$6977; 6, \$7787; 7, \$9651; 8, \$5337; 9, \$3450; 10, \$800; 11, \$—.

Fred Betz, Sacramento, \$104,770; Alt. 1, \$8000; 2, \$5200; 3, \$5000; 4, \$5500; 5, \$2000; 6, \$2700; 7, \$14,500; 8, \$5700; 9, \$900; 10, \$400; 11, \$6000.

John Christopher, Sacramento, \$105,143; Alt. 1, \$7050; 2, \$3500; 3, \$6263; 4, \$3750; 5, \$1750; 6, \$2510; 7, \$16,250; 8, \$6670; 9, \$2500; 10, \$400; 11, \$—.

E. K. Nelson, San Francisco, \$105,000; Alt. 1, \$1315; 2, \$3000; 3, \$18,486; 4, \$7,500; 5, \$2100; 6, \$3500; 7, \$16,500; 8, \$4975; 9, \$5000; 10, \$975; 11, \$10,000.

C. J. Hopkinson, Sacramento, \$105,050; Alt. 1, \$6975; 2, \$3250; 3, \$5800; 4, \$3200; 5, \$1750; 6, \$2830; 7, \$15,700; 8, \$7350; 9, \$3130; 10, \$—; 11, \$9565.

T. B. Hunt, Sacramento, \$106,200; Alt. 1, \$7500; 2, \$5400; 3, \$5500; 4, \$7,500; 5, \$2000; 6, \$3000; 7, \$11,100; 8, \$3300; 9, \$1000; 10, \$350; 11, \$—.

J. F. Shepherd, Stockton, \$108,628; Alt. 1, \$5750; 2, \$4232; 3, \$5208; 4, \$3980; 5, \$1750; 6, \$3116; 7, \$14,350; 8, \$4706; 9, \$1643; 10, \$1000; 11, \$9565.

F. L. Hansen, San Francisco, \$114,450; Alt. 1, \$5000; 2, \$3888; 3, \$5392; 4, \$3240; 5, \$2218; 6, \$3550; 7, \$11,700; 8, \$5400; 9, \$1000; 10, \$750; 11, \$6250.

Reilly & Schmitz, San Francisco, \$132,999; Alt. 1, \$8400; 2, \$4669; 3, \$5958; 4, \$1899; 5, \$1818; 6, \$3336; 7, \$14,894; 8, \$5318; 9, \$1025; 10, \$953; 11, \$9,135.

Electrical Work

Latourrette-Fical, Co., 907 Front St., Sacramento, \$14,503; Alt. 1, \$14,503; 2, \$15,380; 3, \$10,591.

Scott Plumbing & Electrical Co., Sacramento, \$14,623; Alt. 1, \$14,600; 2, \$15,585; 3, \$10,366.

Luppen & Hawley, Sacramento, \$15,895; Alt. 1, \$15,858; 2, \$16,891; 3, \$11,895.

Plumbing Work

Luppen & Hawley, Sacramento, Alt. 1, \$4535; 2, \$3164; 3, \$4575.

Latourrette-Fical, Sacramento, Alt. 1, \$4560; 2, \$3763; 3, \$1885.

Scott Plumbing & Heating Co., Sacramento, Alt. 1, \$1546; 2, \$3178; 3, \$4618.

T. L. O'Brien, Sacramento, Alt. 1, \$5130; 2, \$1030; 3, \$5180.

Stack Plumbing & Heating Co., Sacramento, Alt. 1, \$5315; 2, \$1496; 3, \$5328.

W. H. Picard, Oakland, Alt. 1, \$5818; 2, \$5190; 3, \$5913.

Plumbing & Electrical Work

Roberts Co., Sacramento, \$19,256; Alt. 1, \$18,387; 2, \$19,620; 3, \$12,500.

SACRAMENTO, Cal.—Remington-Rand Co., 39 2nd St., Sacramento, at \$1931 awarded contract by State Purchasing Agent to fur and install Venetian blinds in Capitol Extension buildings.

RELL, Los Angeles Co., Cal.—Until 5 p. m. March 28, bids will be received by the Los Angeles board of education for a contract for treatment at Bell High School. Plans may be obtained at 751 Commercial, City Hall Bldg., Wm. A. Sheahan, architect.

RESIDENCES

Low Bidder.
RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.

Two-story frame and stucco residence (10 rooms and 3 baths).

Owner—J. E. Bowersmith.

Architect—W. E. Schirmer, 700 21st St., Oakland.

Low Bidder—George Maurer, 50 York Drive, Oakland.

Preparing Preliminary Plans
RESIDENCE Cost \$10,000
SAN MATEO, San Mateo Co., San Mateo Park.

One-story brick and stucco residence, 5 rooms.

Owner—Richard Minor.

Architect—Russell B. Coleman, 1132 Cambridge rd., Burlingame.

Plans Being Prepared.
RESIDENCE Cost \$7500

SAN MATEO, San Mateo Co., Baywood.

One-story frame and stucco residence, 5 rooms.

Owner and Builder—Russell B. Coleman, 1132 Cambridge rd., Burlingame.

Plans Being Prepared.
RESIDENCE Cost \$11,000

HILLSBOROUGH, San Mateo Co., Hillsborough Park.

One-story and basement frame and stucco residence, English type.

Owner—T. B. Oliver.

Architect—Russell B. Coleman, 1132 Cambridge rd., Burlingame.

Contractor—Oscar Cavanaugh, 432 Occidental ave., San Mateo.

Planned.
RESIDENCE Cost, \$65,000

MARTINEZ, Contra Costa Co., Pleasant Hill District.

Large residence.

Owner—J. J. Haviside, Box 158, Concord.

Architect—None.

Contractor—Elton Parsons, Martinez.

Preparing Working Drawings.
RESIDENCE Cost, \$7000

BERKELEY, Alameda Co., Cal. Shattuck Ave. near Berryman Park.

Two-story frame and stucco residence.

Owner—Mr. Hughes.

Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.

Planned.
RESIDENCE Cost \$35,000

HILLSBOROUGH, San Mateo Co., Irwin tract.

Two-story frame and stucco residence.

Dutch Colonial type, 14 rooms, 5 baths.

Owner—Withheld.

Architect—Russell B. Coleman, 1132 Cambridge rd., Burlingame.

Plans Completed.
RESIDENCE Cost, \$22,000

SAN LEANDRO, Alameda Co., Cal. Broadmoor near Dutton Ave.

Two-story frame and stucco residence (10 rooms and 3 baths).

Owner—Withheld.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

A contractor has been selected whose name is withheld at this time.

20 modern 1-story frame and stucco homes in various sections of the city. Local capital will become interested in the project.

To Be Done By Day's Work.
RESIDENCE Cost, \$10,000

OAKLAND, Alameda Co., Cal. No. 1 Hillcroft Circle.

Two-story frame and stucco residence (8 rooms and garage).

Owner and Builder—J. F. McCorkle, Lakeshore Ave., Oakland.

Architect—None.

Plans Being Completed.
RESIDENCE Cost, \$20,000

SAN MATEO, San Mateo Co., Cal. Baywood Tract.

Two-story frame and stucco residence (8 rooms and 3 baths. Colonial type).

Owner—Dr. N. D. Morrison, 325 B St., San Mateo.

Architect—Clarence W. Jackson, First National Bank Bldg., San Mateo.

Contractor—Arthur Dusenberry, Burlingame Ave., San Mateo.

Construction will be started in 1 week.

Plans Being Prepared—Contract Award.
RESIDENCE Cost, \$10,000

SAN MATEO, San Mateo Co., Cal. San Mateo Park.

One and one-half-story frame and stucco residence (7 rooms and 2 baths. Normandie type).

Owner—K. E. Paul, 1289 Burlingame Ave., Burlingame.

Architect—Clarence Jackson, 1st National Bank Bldg., San Mateo.

Contractor—E. S. Shaver, 1401 Carmichael St., Burlingame.

Planned.
RESIDENCE Cost, \$65,000

MARTINEZ, Contra Costa Co., Pleasant Hill District.

Large residence.

Owner—J. J. Haviside, Box 158, Concord.

Architect—None.

Contractor—Elton Parsons, Martinez.

Preparing Working Drawings.
RESIDENCE Cost, \$7000

BERKELEY, Alameda Co., Cal. Shattuck Ave. near Berryman Park.

Two-story frame and stucco residence.

Owner—Mr. Hughes.

Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.

Planned.
RESIDENCE Cost \$35,000

HILLSBOROUGH, San Mateo Co., Irwin tract.

Two-story frame and stucco residence.

Dutch Colonial type, 14 rooms, 5 baths.

Owner—Withheld.

Architect—Russell B. Coleman, 1132 Cambridge rd., Burlingame.

Plans Completed.
RESIDENCE Cost, \$22,000

SAN LEANDRO, Alameda Co., Cal. Broadmoor near Dutton Ave.

Two-story frame and stucco residence (10 rooms and 3 baths).

Owner—Withheld.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

A contractor has been selected whose name is withheld at this time.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

opened.
RESIDENCE Cost, \$10,000
A VISTA, Contra Costa Co., Cal.
 One-story frame and stucco residence (9
 rooms, 2 baths, double garage).
 Owner—Ira Vaughan, City Treasurer,
 Richmond.
 Architect—Ray Raymond De Sanno and
 Lynn Bedwell, 271 10th St., Rich-
 mond.
Bidder: Fred Hosking, 932 Penn
 Street, Richmond, 99017; Carl Overaa,
 Richmond, 99232.
Bidders were: C. W. Washbough,
 Richmond, 99906; H. A. Henderson,
 \$19,140; David Dryden, Richmond,
 \$174.
 Bids taken under advisement.

ULARE, Tulare Co., Cal.—W. A.
 gle, Tulare, granted building permits
 erect two one-story frame and plaster
 garages in El Potrero Tract for C. W.
 b; est. cost, \$4800 each. To contain
 rooms with separate garage.

WILLOWS, Glenn Co., Cal.—G. W.
 ton, 312 17th St., Oakland, has started
 ction of four one-story frame and
 ater bungalow in Culver Ave. Layton
 maintains offices in the Hotel Bar-
 Bldg., Willows. These four struc-
 tures comprise the first of a series of
 galows. Sixteen in all will be erected

One Taking Figures.
ENGALOW Cost, \$7000
SN FRANCISCO, N Mangel St. 250 E
 Forester.
 One-story 6-room frame and stucco bun-
 galow.
 Owner—G. C. Drivdahl.
 Architect—R. R. Irvine & L. Ebbets, Call
 Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Uplands
 District.
 One-story frame and stucco residence
 (10 rooms, 3 baths, 2-car garage).
 Owner—R. H. Rennie, 5667 Ocean View
 Drive, Oakland.
 Architect—Fred H. Reimers, 1624 Frank-
 lin St., Oakland.

Is to be Taken in One Week
RESIDENCE Cost \$40,000
OS GATOS, Santa Clara Co., Cal.
 One-story frame and brick veneer resi-
 dence (20 rooms, 5 baths).
 Owner—L. F. Lennox.
 Architect—Ralph Wyckoff, Growers Bk.
 Bldg., San Jose.

Completing Plans.
RESIDENCE Cost, \$18,000
ENLO PARK, San Mateo Co., Cal.
 One-story frame and stucco residence
 (10 rooms and 3 baths).
 Owner—Mr. Hyman.
 Architect—Birge M. Clark, 310 Univer-
 sity Ave., Palo Alto.
 Bids will be called for shortly.

Completing Plans.
ADDITION Cost, \$5000
AN FRANCISCO, Sea Cliff District.
 Three-room addition to residence.
 Owner—Withheld.
 Architect—Chas. E. J. Rogers, Phelan
 Bldg., San Francisco.
 Bids will be taken in one week.

Plans Being Prepared—Contract Awarded
RESIDENCE Cost, \$35,000
CARMEL, Monterey Co., Cal.
 One-story and basement frame and
 stucco residence (11 rooms and 5
 baths).
 Owner—Walter Egan.
 Architect—Roland I. Stringham, 260 Cali-
 fornia St., San Francisco.
 Contractor—J. B. Dennis, Carmel.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
NORTH BERKELEY, Alameda Co., Cal.
 Tallac Road.
 Two-story frame and stucco residence
 (9 rooms and 2 baths).
 Owner—K. C. Cortez.
 Architect—Edwin L. Snyder, 2108 Addi-
 son St., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, \$45,000
SAN MATEO, San Mateo Co., Cal.
 Two-story and attic frame and stucco
 residence (16 rooms and 5 baths).
 Owner—Withheld.
 Architect—Oscar Thayer, 110 Sutter St.,
 San Francisco.

Plans Being Prepared
RESIDENCE Cost \$—
STOCKTON, San Joaquin Co., Pershing
 ave. and Vine st.
 Two-story and basement brick veneer
 residence with tile roof; 8 rooms and
 garage.
 Owner—Guido Sattui, 644 N Opher st.,
 Stockton.
 Architect—Ralph Morrell, Union Bldg.,
 Stockton.

Plans Being Prepared.
RESIDENCE Cost, \$11,000
SAN FRANCISCO, Western Addition
 near The Presidio.
 Two-story frame and stucco residence
 (10 rooms and 3 baths).
 Owner—Withheld.
 Architect—Oscar Thayer, 110 Sutter St.,
 San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, \$11,000
SAN FRANCISCO, Western Addition.
 Two-story frame and stucco residence
 (10 rooms and 3 baths).
 Owner—Withheld.
 Architect—Oscar Thayer, 110 Sutter St.,
 San Francisco.

Plans Being Revised.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Vicente
 Avenue.
 Three-story frame and stucco residence
 (12 rooms and 4 baths).
 Owner—J. A. Greed.
 Architect—Edward L. Snyder, 2108 Addi-
 son St., Berkeley.
 Bids to be called for shortly.

Plans Being Prepared.
ALTERATIONS \$5000
BERKELEY, Alameda Co., Cal. Tunnel
 Road.
 Alterations and additions to residence
 add studio room, maid's room and
 garage).
 Owner—Henry Swift, 148 Tunnel Road,
 Berkeley.
 Architect—Roland I. Stringham, 260 Cali-
 fornia St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$25,000
PETALUMA, Sonoma Co., Cal.
 Two-story frame and stucco residence,
 (15 rooms and 3 baths).
 Owner—R. Righetti, Bank of Italy Bldg.,
 Petaluma.
 Architect—Warren Perry, 260 California
 St., San Francisco.
 Contractor—J. Dawson, 1541 Cedar St.,
 Berkeley.

Sub-contracts Awarded.
RESIDENCE Cost \$36,000
LOS GATOS, Santa Clara Co., Little
 Brook Farm.
 One-story frame and stucco residence,
 Spanish type.
 Owner—Max Cohn.
 Architect—Earle B. Bertz, Shreve Bldg.,
 San Francisco.
 Contractor—Stephenson Construction Co.,
 Hearst Bldg., S. F.
Tile roofing—W. J. Porter, 490 1st st.,
 San Jose.

Plumbing and sheet metal—Fred. Berry-
 man, Santa Cruz rd., Los Gatos.
Reinforcing steel—Baft-Falk Co., 74 New
 Montgomery st., S. F.
Rock, sand and gravel—Los Gatos Sand
 and Gravel Co., Farley rd., Los Gatos
Lumber—Merner Lumber Co., Palo Alto.
Cement—Calaveras Cement Co., 315 Mont-
 gomery st., S. F.

Plans Being Completed.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Oak
 Knoll.
 Two-story frame and stucco residence
 (English type).
 Owner—Dr. A. Tichenor, 1906 Franklin
 St., Oakland.
 Architect—Douglas Stone, 354 Hobart St.,
 Oakland.
 Bids will be taken in 10 days for a
 general contract.

SCHOOLS

Plans Being Figured
SCHOOL Cost \$70,000
LINCOLN, Placer Co., Cal.
 Two-story reinf. concrete school bld.,
 16 classrooms.
 Owner—Lincoln School District.
 Architect—Dean & Dean, California State
 Life Bldg., Sacramento.

OAKLAND, Cal.—Until March 27,
 10:45 A. M., new bids will be received by
 John W. Edgemond, Secty., Board of Edu-
 cation, to erect Oakland High School
 Gymnasium; reinforced concrete con-
 struction. Sullivan & Sullivan, Oakland,
 sub. low bid Jan. 24 at \$127,000 which
 was rejected as being too high. Bids
 are wanted for (1) general work; (2)
 finish hardware. New bids are being
 taken from revised plans. Will be erect-
 ed at southwest corner of Hopkins St.
 and Park Blvd. Cert. check 10% pay-
 able to Bd. of Educ. req. with bid. Plans
 obtainable from Supt. of Bldgs., 337 17th
 St., Oakland, on deposit of \$25, return-
 able. See call for bids under official
 proposal section in this issue.

SACRAMENTO, Cal.—Until April 2,
 5 p. m., bids will be rec. by Board of
 Education to grade, fill, etc., at athletic
 field of Junior College. Dean & Dean,
 architects, Calif. State Life Bldg., Sacra-
 mento. Plans obtainable from archi-
 tects.

Preparing Working Drawings.
SCHOOL Cost \$—
EAST OAKLAND, Alameda Co., 64th
 Street.
 One-story brick and concrete school
 bldg., 6 classrooms.
 Owner—Oakland Board of Education.
 Architect—George O'Brien, Federal Tel-
 egraph Bldg., Oakland.

REDWOOD CITY, San Mateo Co., Cal.
 —County supervisors sell \$250,000 bond
 issue of Sequoia Union High School Dis-
 trict for premium of \$8115. Proceeds of
 sale will finance construction of addi-
 tional wing for main building to house
 17 classrooms; girls' gymnasium addi-
 tion; remodel present gymnasium for
 boys; erect new mechanical arts build-
 ing on unit plan, a woodshop and ma-
 chine shop being the first unit (the pres-
 ent building to be used for general shop),
 new structure to house cafeteria and
 music departments. These improvements
 will provide school facilities for 1500
 pupils. Gottschalk & Rist, architects,
 Phelan Bldg., San Francisco.

BUILDING Cost, \$2,500,000
BERKELEY, Alameda Co., Cal. Univer-
 sity Campus.
 Five-story reinforced concrete building
 (Life Sciences).
 Owner—University of California.
 Architect—Geo. W. Kelham, 315 Mont-
 gomery St., San Francisco.
 The plans will be completed in about
 60 days.

FRESNO, Fresno Co., Cal.—Worley &
 Co., 525 Market st., San Francisco, at
 \$4826.64 awarded contract by Board of
 Education to fur. and install 2184 steel
 lockers, 12x12x24, in Longfellow, Wash-
 ington and Roosevelt gymnasiums, same
 to be equipped with J. B. Miller No. 5
 combination padlocks with turn down
 handle number plates. Following is com-
 plete list of bids received:
 Worley & Co., San Francisco, 12x12x24
 (no locks) \$3625.44; 12x15x24, \$3931.20;
 10x12x24 (no locks), \$3494; 10x15x24 (no
 locks) \$3822; 2184 J. B. Miller No. 5
 comb. padlocks installed, \$1201.20.
 Berger Manufacturing Co., San Fran-
 cisco, 12x12x24 installed in all three
 school, \$5300.

C. J. Waterhouse & Sons Co., San
 Francisco, 12x12x24 with Miller No. 5
 comb. padlocks, installed, \$6006; with
 Dudley comb. padlocks, \$6442.80.
 Geo. H. Trask, San Francisco (Durand
 Steel Locker Co.), 12x12x24 with comb.
 padlocks installed, \$5787.60.
 C. F. Weber & Co., San Francisco,
 12x12x24, Lyon steel lockers with Miller
 comb. padlocks, installed, \$5421.60; 12x
 12x20 Lyon steel lockers with comb. pad-
 locks, installed, \$5596.32.
 W. W. Kirk, Dudley Keyless padlocks
 (brass dial), \$1638; Dudley Keyless pad-
 locks (black and white enameled dial),
 \$1747.20; if bond required add \$24.57 to
 first item and 26.231 to second item.

SUNNYVALE, Santa Clara Co., Cal.—
 Until March 26, 8 p. m., bids will be
 rec. by Leo H. Vishoot, clerk, Fremont
 High School Dist., to (a) complete gym-
 nasium building; (b) install gymnasium
 heating system; (c) furnish and install
 gymnasium lockers. Plans and specifica-
 tions obtainable from clerk at Sunny-
 vale Hardware Co., Sunnyvale.

STOCKTON, San Joaquin Co., Cal.—The following bids were received by Auditor S. Williams, Secty., Board of Education, San Joaquin St. and Harding ways, to erect school building at n. w. cor. of high school grounds: Peter Sala, architect, 1340 North Commerce St., Stockton. Will be three-story, of brick construction, containing 16 classrooms and cafeteria.

Alt. 1, add if plate glass is used instead of as specified.

Alt. 2, add if Universal window is used instead of as specified.

Alt. 3, add if Gunitite is used instead of cement dash.

Alt. 4, change in conduits.

Alt. 5, add if certain cold rolled channel is used on entire ceiling.

Alt. 6, ded if cement plaster and cast stone on exterior is omitted.

Alt. 7, ded if plumbing is omitted except what is necessary.

Kroh & McPhee, 1140 E Market St., Stockton, \$79,718. Alt. 1, \$1581; 2, \$316; 3, \$2500; 4, \$277; 5, \$264; 6, \$3675; 7, \$1200.

J. F. Shepherd, Stockton, \$10,857. Alt. 1, \$1,120; 2, \$1400; 3, \$3150; 4, \$300; 5, \$300; 6, \$4600; 7, \$905.

Carl Nelson, Stockton, \$43,248. Alt. 1, \$1036; 2, \$277; 3, \$5000; 4, \$277; 5, \$264; 6, \$3675; 7, \$1017.

Chas. Frederickson, Stockton, \$43,200. Alt. 1, \$1036; 2, \$325; 3, \$3200; 4, \$277; 5, \$275; 6, \$3675; 7, \$1017.

D. G. Johns, Stockton, \$43,480. Alt. 1, \$1036; 2, \$311; 3, \$2500; 4, \$177; 5, \$281; 6, \$3675; 7, \$1525.

Alfred Love, Stockton, \$44,500. Alt. 1, \$1036; 2, \$250; 3, \$2252; 4, \$217; 5, \$530; 6, \$5220; 7, \$1200.

H. E. Vickroy, Stockton, \$45,457. Alt. 1, \$1,056; 2, \$245; 3, \$2285; 4, \$217; 5, \$540; 6, \$5528; 7, \$866.

C. H. Bodd, Stockton, \$46,578. Alt. 1, \$1036; 2, \$250; 3, \$2250; 4, \$107; 5, \$261; 6, \$—; 7, \$1017.

O. H. Chain, Stockton, \$46,580. Alt. 1, \$1036; 2, \$250; 3, \$2250; 4, \$340; 5, \$530; 6, \$5300; 7, \$1017.

H. H. Henning, Stockton, \$48,210. Alt. 1, \$1050; 2, \$260; 3, \$2500; 4, \$120; 5, \$280; 6, \$3800; 7, \$1020.

W. R. Meyers, Modesto, \$48,997. Alt. 1, \$1036; 2, \$250; 3, \$2250; 4, \$107; 5, \$530; 6, \$5220; 7, \$1503.

J. E. Branagh, Oakland, \$49,650. Alt. 1, \$1040; 2, \$325; 3, \$2500; 4, \$280; 5, \$300; 6, \$3675; 7, \$1020.

Bids taken under advisement.

SAN LEANDRO, Alameda Co., Cal.—San Leandro school trustees plan erection of new grammar school on 5-acre site at Dowling blvd. and Mitchell ave. Of total amount to be expended in construction, \$27,000 is already available.

SUB-CONTRACTS AWARDED.
SCHOOL. Cost, \$72,000.
HAYWARD, Alameda Co., Cal.
One-story and part two-story frame and stucco school building (12 classrooms and gymnasium; 250x150 feet).
Owner—Hayward Grammar School Dist.
Architect—E. P. Whitman, 192 Main St., Hayward.
Contractor—James Willison, Fourteenth and Bridge Sts., Hayward.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Reinforcing Steel—Gunn-Carle & Co., 414 Market St., San Francisco.
Electrical Work—Hugo Frank, Hayward.
Heating—Gas Steam Radiator Co., 77 O'Farrell St., San Francisco.
Tile Roof—Gladding, McBean & Co., 660 Market St., San Francisco.
Plumbing—Bajor & Bajor, Hayward.
Sheet Metal Work—Harry Decorto, Hayward.
Plastering—Henry August, Hayward.

FRESNO, Fresno Co., Cal.—Until March 22, 5 P. M., bids will be received by L. L. Smith, Secty., Board of Education 2425 Fresno St., for (a) cement sidewalks and curbs in Sierra Ave., on west side of John Burroughs Elementary School; (b) cement walks and curbs on Sts., east side of L. A. Winchell School. Plans by Jas. Arnot, Fresno. Cert. check 10% or bidder's surety bond req. with bid. Plans obtainable from Secty.

Plans Being Figured—Bids Close April 2nd 5 P. M.
SCHOOL. Cost, \$70,000.
LINCOLN, Placer Co., Cal.
Two-story reinforced concrete school building (16 classrooms).
Owner—Lincoln School District.
Architect—Dean & Dean, California State Life Bldg., Sacramento.

GRIDLEY, Butte Co., Cal.—Trustees of Gridley School District vote to install new heating system in Wilson school, oil burning system augmented by electric blowers will be installed. Present system deemed inadequate.

OAKLAND, Alameda Co., Cal.—The following sub contracts have been awarded by George Swanstrom, 1723 Franklin Street, Oakland, in connection with the construction of a one-story reinforced concrete shop building. It is being erected on the southwest corner of Hopkins St. and Park Blvd., Oakland, for the City of Oakland Board of Education.

Reinforcing Steel: Badt Falk Co., 74 New Montgomery St., S. F.

Brick Work: J. C. Seldenright, 1226 7th Ave., Oakland.

Plastering: Cronin & Burnett, 865 32nd St., Oakland.

Painting: Joe. Burdon & Son, 354 Holart St., Oakland.

Plumbing: Scott Co., 113 10th St., Oakland.

Electrical Work: Advance Elec. Co., 415 19th St., Oakland.

Heating: Nottingham Heating & Ventilating Co., 372 10th St., Oakland.

Glass: East Bay Glass Co., 269 5th St., Oakland.

Concrete & Carpentry: Triberti & M. saro, 44th St., Oakland.

Sheet Metal Work: Edgar Andersen Sheet Metal Co., 3103 San Pablo A., Oakland.

Roofing: Bradhoff Roofing Co., 354 J. bart St., Oakland.

Ornamental Iron: Liberty Ornamental Iron Works, 21st & Filbert St., Oakland.

Mill Work: Tilden Lumber Co., 400 H St., Oakland.

Lumber: Sunset Lumber Co., Foot Oak St., Oakland.

Bids Rejected—New Bids Being Taken To Be Opened March 28, 7:30 P. M.

ADDITION. Cost, \$50.
STOCKTON, San Joaquin Co., Cal.

Three-story brick classroom addition (present high school building rooms and cafeteria).

Owner—Stockton Union High School District.

Architect—Peter Sala, 2130 N-Commerce St., Stockton.

Kroh & McPhee, 1140 E-Market St. Stockton, submitted low bid at \$39,178 bids previously taken.

SAN FRANCISCO—Until April 4, 3 M. bids will be received by Board of Public Works for work in connection with

PRATT'S CONCRETE MIX

by Clarence
Sandy Pratt



COSTS NO MORE TO OWN A HOME THAN TO PAY RENT

Every vacant piece of land in the city's environs is an invitation to stop paying rent and own your own home. Why people go on year after year without owning the roof that shelters them is one of the great mysteries. It is possible nowadays to own a home for no more than it costs to occupy somebody else's property. It is possible to establish a real headquarters for the family, where men and women can plan and children can grow up with some assurance of permanence for the future.

Men who today are paying rent look at others of the same age and earning power and wonder how they can get by so much better on what they earn. More often than not it is because the other fellow has been putting his rent money into his own home and now owns it without the monthly call from the landlord.

From every standpoint of stability, prosperity and good citizenship of the present and rising generation it is good for a family to be in its own home. Every home building space is a reminder that there is no time like the present to make a start.—Editorial in San Francisco Chronicle.

IT SEEMS to be stylish.

TO OWN your home.

AND EVERYBODY seems.

TO BE buying a home.

IT ONLY takes.

A LITTLE cash.

TO MAKE the first payment.

AND THEN the rest.

IS LIKE rent.

CLARENCE (SANDY) Pratt, president.

OF THE Pratt Building Material Co.

CAN REMEMBER.

WHEN THE rich only.

OWNED THEIR homes.

JUST BE careful.

WHEN YOU buy.

ASK THE contractor.

OR REAL estate man.

IF PRATT'S clean sand.

WAS USED to plaster.

BOTH INSIDE and out.

THEN ASK about the foundation.

AND OTHER concrete work.

ASK IF Pratt's clean gravel.

OR PRATT'S hard rock.

WAS USED in all.

OF THE concrete work.

FOR SANDY produces.

CLEAN SAND, rock and gravel.

AT SACRAMENTO, Marysville.

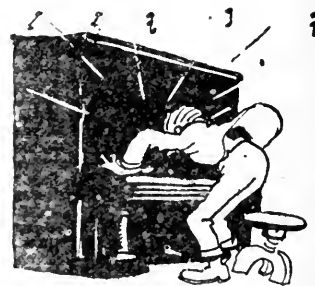
PRATT ROCK (NEAR Folsom).

PRATT CO (MONTEREY County).

AND MAYHEW (Sacramento County).

CENTRAL OFFICE—San Francisco.

"I THANK you."



It is fun to own your own home if made of Sandy Pratt's clean sand, rock and gravel (nothing to worry about). You can play your piano till daylight in your own home, and no landlord can stop you.

Edward Robeson Taylor School in area bounded by Bacon, Goettingen, Burrens and Somerset Ave. Bids are wanted for (1) general construction, est. cost, \$64,000; (2) finished carpentry, \$16,000; (3) painting, \$4000; (4) plumbing, \$500; (5) mechanical work, \$6800; (6) electric work, \$4500. J. J. Rankin, architect. Plans obtainable from Bureau of Architecture, Second Floor, City Hall.

BANKS, STORES & OFFICES

Work to Start Immediately.
ALTERATIONS
SACRAMENTO, Sacramento Co., Cal.—Fourth and J Streets.
Interior of building.
Owner and Builder—Chas. S. Mabrey, Ochsner Bldg., Sacramento.
Architect—None.

Completing Plans—Contract Awarded.
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO. Pine St., bet. Leidesdorff and Montgomery Sts.
Five-story and basement Class A office building.
Owner—Phoenix Assurance Co. of London
Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor—George Wagner, 181 South Park, San Francisco.
Present building on site to be wrecked.

Construction To Start Shortly.
AUTO BLDG. Cost, \$75,000
LONG BEACH, Los Angeles Co., Cal.
One-story reinforced concrete and brick automobile maintenance building.
Owner—Withheld.
Architect—Guy L. Rosebrook, 1424 Franklin St., Oakland.
Contractor—V. Hermanson, Long Beach.

CALIFORNIA—Montgomery Ward Co., Oakland, national mail order house plans to establish 50 chain stores in Northern, Central and Southern California. The company negotiates with owners of property who erect the buildings and use on ten year periods.

Work To Start Shortly.
ALTERATIONS Cost, \$75,000
SAN FRANCISCO. No. 345 Bush St. (70 by 137 feet).
Remodeling present building for restaurant (seating capacity 600).
Owner—John Jerome.
Architect and Contractor—Austin B. Murray, 618 Mission St., S. F.
Lessee—Foster Lunch System.

Contract Awarded
BUILDING Cost \$1,400,000
SACRAMENTO, Sacramento Co., Cal., NE 7th and J sts.
Ten-story, tower and basement, pressed brick and terra cotta bldg., 200 offices and 3-story garage of concrete construction.
Owner—Financial Center Bldg., Inc.
Architect—George Sellen & Co., California State Life Bldg., Sacramento.
Contractor—Campbell Construction Co., 800 R St., Sacramento.

The general committee that has been in charge of the proposed building, tending to the sale of stock and the junior financing, is composed of Mitchell W. Nathan, chairman; and L. F. Breuner, A. G. Ernst, Morgan La Rue and E. E. Sowell. It is reported that construction will start May 1.

MERCED, Merced Co., Cal.—Wieland Bros., Merced, awarded contract by Puetsch & Lewis, Studebaker dealers, to erect 1-story brick addition to auto salesroom; will contain 7500 ft. of floor space.

Structural Steel Bids Wanted.
STORE BLDG. Cost, \$3,000,000
OAKLAND, Alameda Co., Cal. Twentieth St. and Broadway (80,000 sq. ft.)
Four-story, basement and sub-basement Class A department store building (foundation for 10 stories to be added at a later date).
Owner—H. C. Capwell Co., Oakland.
Architect—Ashley & Evers, 535 Market St., San Francisco, and Starrett & Van Vleck, New York City, N. Y.
Fixture Architecture—Taussig & Flesch, Chicago.
Contractor—P. J. Walker, Sharon Bldg., San Francisco.
As previously reported, excavating awarded to J. Catucci, 1212 18th Ave., Oakland, at \$30,299.90.

Plans Being Prepared.
STORE BLDG. Cost, \$45,000
OAKLAND, Alameda Co., Cal. Ninth and Broadway.
One-story steel frame and brick store building (9 stores) (100x125 feet).
Owner—Withheld.
Architect—E. W. Cannon, 1924 Broadway, Oakland.

Planned
ALTERATIONS Cost \$—
WOODLAND, Yolo Co., Cal., First and Main sts.
Alterations and additions to present bank bldg., for store.
Owner—Roy Van Vliet, 155 Montgomery St., S. F.
Architect—Not selected.
Lessee—Skaggs Safeway Stores.
More definite information will be given in one week.

Contracts Awarded.
BANK BLDG. Cost \$100,000
SAN FRANCISCO, Mission and Noriega sts.
One-story steel frame and concrete bank bldg.
Owner—Hibernia Savings & Loan Society
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Masonry: MacDonald & Kahn, Financial Center Bldg.
Structural Steel: Western Iron Works, 141 Beale St.
Vault Work: Hermann Safe Co., Howard and Main Sts.

Contract Awarded
REBUILD Cost \$3500
SAN FRANCISCO, 142 Powell St.
Rebuild bldg. recently destroyed by fire.
Owner—United Stores Realty Corp.
Architect—Bertz Winter & Maury, 210 Post St.
Contractor—Stephenson Construction Co., Hearst Bldg.

Sub-contracts Awarded
STORE BLDG. Cost \$1,750,000
SAN FRANCISCO, NW O'Farrell and Stockton sts.
Eight-story and basement class A department store building and five-story addition to present 3-story bldg.
Owner—O'Connor, Moffatt & Co., Post and Kearny sts., S. F.
Architect—Lewis P. Hobart, Crocker Bldg., S. F.
Contractor—Dinwiddie Construction Co., Crocker Bldg., S. F.
Granite—McGilvray Raymond Granite Co., 634 Townsend St.
Hollow metal—Formder Cornice Works, 269 Potrero ave.
Heating—Herman Lawson, 465 Tehama street.
Freight conveyors—Link Belt Meese & Gottfried, 3100 19th St.
Elevators—Spencer Elevator Co., 166 7th street.

Preparing Preliminary Plans
OFFICE BLDG. Cost \$500,000
OAKLAND, Alameda Co., 14th St. bet. Webster and Franklin.
Five-story class A office bldg., 50 x 100 ft.
Owner—Income Properties of Calif., 436 14th St., Oakland.
Architect—Fred. H. Reimers, 1624 Franklin St., Oakland.

Permit Applied For
STORE Cost \$9000
SAN FRANCISCO, 1041 Market St.
Alterations and additions to present store bldg.
Owner—Weinstein Co., 1041 Market St.
Architect—William Knowles, 1214 Webster St., Oakland.

Plans Being Figured
REMODEL Cost \$—
OAKLAND, Alameda Co., Park blvd.
Owner—American Trust Co., 464 California St., S. F.
Architect and Mgr. of Const.—C. R. Coluppy, 464 California St., S. F.

Planned
MARKET Cost \$40,000
TRACY, San Joaquin Co., Central ave.
Meat and fruit market building.
Owner—Roy Van Vliet, 155 Montgomery St., S. F.
Architect—None.
Lessee—West Side Fruit and Meat Market.
Mr. Van Vliet is out of town and more definite information will be given in one week.

Preliminary Plans Being Completed.
OFFICE BLDG. Cost, \$300,000
OAKLAND, Alameda Co., Cal., 14th St., bet. Webster and Franklin Sts.
Five-story Class A office building, 50 x 100 feet.
Owner—Income Properties of Calif., 436 14th St., Oakland.
Architect—Fred H. Reimers, 1624 Franklin St., Oakland.
Working drawings will be started next week.

PETALUMA, Sonoma Co., Cal.—Construction will be started at once on a 1-story brick and steel annex to automobile salesroom of Farrell Bros., Dodge dealers; will be 80 x 100 ft. A. Schlunegger, Petaluma, has the contract.

Permit applied for
ADDITION Cost \$30,000
SAN FRANCISCO, 1041 Market St.
One-story addition to present class C bldg.
Owner—William Ede Co., Kohl Bldg.,
Architect—William Knowles, 1214 Webster St., Oakland.

Preparing Working Drawings.
ADDITION Cost, \$100,000
SACRAMENTO, Sacramento Co., Cal., Sixth and K Sts.
Three-story Class C brick addition to present building.
Owner—Jorn Breuner Co.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Contract awarded on cost plus basis.

Plans To Be Prepared.
OFFICE BLDG. Cost, \$—
ALAMEDA, Alameda Co., Cal., SW Santa Clara Ave. and Everett St.
New Office building, Spanish type of architecture (height and type of construction not decided).
Owner—City of Alameda (Clifton E. Hickok, City Manager).
Architect—Carl Werner, 605 Market St., San Francisco.

Plans Being Completed.
STORES Cost, \$10,000
OAKLAND, Alameda Co., Cal.
One-story reinforced concrete store building (3 stores).
Owner—Mr. Rachael.
Architect—Guy L. Brown, American Bk. Bldg., Oakland.
Bids will be taken in one week.

SACRAMENTO, Cal.—Chas. S. Mabrey, general contractor, Ochsner Bldg., has purchased the California National Bank Bldg., Fourth and J Sts., for a consideration of approximately \$600,000. The structure is 80 by 120 feet. A portion of the ground floor will be remodeled for lease to C. F. Weber Co., furniture dealers. Another portion of the ground floor will probably be leased to the Brotherhood National Bank of San Francisco.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Contract Awarded
OFFICE BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal. Location withheld
 Two-story and basement concrete and terra cotta office building for a bonding house.
 Owner—Franklin Land Co.
 Architect—Hugh White, Syndicate Bldg., Oakland
 Contractor—F. A. Muller, Syndicate Bldg., Oakland
 Lessee—Win. Cavalier Co., 1st National Bank Bldg., Oakland.
Terra Cotta—Gladding, McBean Co., 660 Market St., San Francisco.

Bids Opened
BANK BLDG. Cost \$100,000
SAN FRANCISCO, Mission and Norton sts.
 One-story steel frame and concrete bank bldg.
 Owner—Hibernia Savings & Loan Society
 Architect—Arthur Brown Jr., 251 Kearny St., S. F.
 Structural Engineer—C. H. Snyder, 251 Kearny St., S. F.

Masonry
 Macdonald & Kahn, Financial Center Bldg. \$15,000
 Monson Bros. 15,780
 K. E. Parker 16,309
 L. M. Sommers & Co. 16,321
 G. P. W. Jensen 16,989
 Industrial Const. Co. 17,418

Structural Steel
 Western Iron Works, 141 Beale St. \$2648
 Golden Gate Iron Works 3655
 Schrader Iron Works 3790
 McClinton-Marshall Co. 3915
 Dyer Bros. Iron Works 4049
 Judson-Pacific Co. 4078
 California Steel Co. 4137

Vault Work
 Hermann Safe Co., Howard and Main sts. \$6150
 Herring Bull Co. 6838
 Cary Bros. Safe Co. 7550
 Building permit applied for.

WALNUT CREEK, Contra Costa Co., Cal.—Lawrence & Stephens, Walnut Creek, will erect a frame and stucco post office build to be leased to U. S. Government in Main St.; will be 30 by 80 ft.

March 10, 1928
Contract Awarded
BUILDING Cost \$85,000
SAN JOSE, Santa Clara Co., 260 S First street.
 Two-story and basement class B bldg.
 Owner—E. C. Doerr, 14 W San Fernando, San Jose.
 Architect—E. J. T. Hoffman, New York.
 Contractor—Pelchin Shaw & Franklin, Rowell Bldg., Fresno.
 Building permit applied for.

WESTLEY, Stanislaus Co., Cal.—Until March 31, 2 P. M., bids will be received by L. McAulay, secy., West Stanislaus Irrigation District, Crows Landing, Calif., to erect one-story brick and concrete offices, 25x40 ft., near Westley, Stanislaus county. Cert. check 5% req. with bid. Plans obtainable from W. F. Worley, engineer for district at Patterson. See call for bids under official proposal section in this issue.

WATSONVILLE, Santa Cruz Co.,—Coast Counties Gas and Electric Co., 27 Wall St., is reported to be negotiating for purchase of property in Main St., on which it is planned to erect office building with shop quarters in rear. Preliminary plans for the structure are said to have been completed.

LIVERMORE, Alameda Co., Cal.—Carlisle interests will erect a one-story store building in First Street for lease to D. Lenn; will be 20x70 ft. Project is yet in preliminary stage.

PITTSBURG, Contra Costa Co., Cal.—A. Colombo, Pittsburg, at approx. \$7000 has contract to erect one-story brick stores in 3rd St., between Cumberland and Los Medanos sts., for S. T. Cardinali.

Preparing Working Drawings.
ALTERATIONS Cost, \$—
SAN FRANCISCO, Howard Street
 Remodel exterior of building
 Owner—Pacific Mill & Mine Supply Co., 616 Mission St., San Francisco.
 Architect—Sidney B. Noble and Archie T. Newson, Federal Realty Bldg., Oakland
 Remodeling of the interior of building has just been completed.

Sub-contracts Awarded
BLDG. Cont. price \$26,235
OAKLAND, Alameda Co., Cal., Lake Shore ave. and Lake Park.
 Class C brick bldg.
 Owner—Lionel B. and Evelyn A. Hoge, 455 Lagunitas St., Oakland.
 Architect—Frederick Reimers, Franklin Bldg., Oakland
 Contractor—Dudley De Veilbiss, 354 Hobart St., Oakland.
Structural steel—Moore Drydock Co., foot of Adeline St., Oakland.
Reinforcing steel—Gunn, Carle Co., 441 Market St., S. F.
Concrete—J. H. Fitzmaurice, 751 Hobart St., Oakland.
Lumber—E. K. Wood Lumber Co., Oakland
Mill work—Sunset Lumber Co., foot of Oak St., Oakland.
Brick work—J. C. Selterright, 1226 7th Ave., Oakland.
Roofing—General Roofing Co., Beach & Hallock sts., Oakland.
Wiring—H. & H. Electric Co., 2905 College ave., Berkeley.

Plans Being Figured.
OFFICE BLDG. Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.
 Broadway, opp. Standard St.
 Two-story reinforced concrete store and office building.
 Owner—A. J. Fromm, Main and Broadway, Redwood City.
 Architect—Birge M. Clark, 310 University Ave., Palo Alto.
 Lessee—United Cigar Sales Agency.

Work Started.
ALTERATIONS Cost, \$20,000
SAN FRANCISCO, No. 1801 Filmore Street.
 Alter ground floor of building for restaurant.
 Owner—Poster Lunch System (L. S. Foster, Mgr.)
 Architect and Contractor—Austin B. Murray, 618 Mission St., S. F.

GUSTINE, Merced Co., Cal.—Restaurant of Frank De Goirna destroyed by fire with loss of \$7000, partially covered by insurance.

Structural Steel Bids In
OFFICE BLDG. Cost \$350,000
SAN FRANCISCO, NE Post and Mason.
 Fifteen-story wing addition adjoining present 15-story class A medico-dental bldg.
 Owner—Medico-Dental Bldg. Corp., 490 Post St.
 Architect—George Kelham, 315 Montgomery St.
 Engineer—H. J. Brunnier, Sharon Bldg.
 Contractor—George Wagner, 181 South Park.

Plans Being Figured.
ALTERATIONS Cost, \$9000
SAN FRANCISCO, No. 1041 Market St.
 Alterations and additions to present store building.
 Owner—Weinstein Co., Premises.
 Architect—William Knowles, 1214 Webster St., Oakland.

Plans Being Figured.
ADDITION Cost, \$30,000
SAN FRANCISCO, No. 1041 Market St.
 One-story addition to present Class store building.
 Owner—William Ede Co., Kohl Bld., San Francisco.
 Architect—William Knowles, 1214 Webster St., Oakland.

Plans Being Prepared
STORE Cost \$25,000
SAN JOSE, Santa Clara Co., The Alameda.
 Two-story frame and stucco store and office bldg. with terra cotta tile roof.
 Owner—Charles Colombet.
 Architect—Binder & Curtis, 35 W-S Carlos, San Jose.
 Bids will be taken for a general contract in 2 weeks.

Contract Awarded
STORE BLDG. Cost \$24,000
SAN FRANCISCO, Howard street near Fourth St.
 Two-story reinforced concrete store bldg. 50x80 ft.
 Owner—Bingley Photo Engraving Co., Call Bldg.
 Architect—W. H. Crim, 425 Kearny St.
 Contractor—W. D. Henderson, Monack Bldg.

Segregated Bids to be Taken in a Week
OFFICE BLDG. Cost \$20,000
OAKLAND, Alameda Co., Cal., Fifteenth and Harrison sts.
 Two-story steel frame and brick class C store and office building (8 store and 8 offices.)
 Owner—Coit Investment Co.
 Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

THEATRES

Sub-Contracts Awarded.
THEATRE Cost, \$93,000
DALY CITY, San Mateo Co., Cal.
 One-story steel frame and concrete theatre and store building (2 stores theatre seating 1250).
 Owner—Jefferson Theatre, E. Baron and Carol Nathan, proprietors.
 Architect—C. H. Jensen, 605 Market St., San Francisco.
 Contractor—Anderson & Ringrose, 32 Market St., San Francisco.
Reinforcing Steel—Bacht Falk Co., 74 Nevada Montgomery St., San Francisco.
Plumbing—Thomas Skelly, 1344 9th Ave., San Francisco.
Heating—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Mill Work—Chase Mill & Lumber Co., 547 W-Santa Clara St., San Jose.
Steel Metal Work—Fire Protection Products Co., 3117 20th St., San Francisco.

SAN LEANDRO, Alameda Co., Cal.—Recently organized Greater San Leandro Improvement Club backs proposal to erect \$500,000 bank and theatre.

ORNAMENTAL WIRE AND IRON WORK

IRON WIRE **Fence and Gates**

Tennis Court Enclosures
Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

ilding in East Fourteenth street. Offi-
rs of the club are: Leslie Freeman,
ce-president; John Deadrich Jr., se-
etary-treasurer; George Davis, A. H.
effield, Joseph Franklin and H. G.
erman, advisory committee.

low Metal Tile Contract Awarded.
EATRE Cost, \$1,000,000
AKLAND, Alameda Co., Cal., Tele-
graph Ave., and 19th st.
A steel frame and concrete thea-
tre building (seating capacity 4000).
Owner—Central Oakland Block, Inc.
see—West Coast Theatres, Inc., 988
Market St., San Francisco.
rchitect—Maury I. Diggs, 1625 Broadway,
Oakland.
pt. of Constr.—Maury I. Diggs, 1625
Broadway, Oakland.
ollow Metal: Michel & Pfeffer Iron
Wks., Harrison & 10th Sts., San
Francisco.
ther awards prev. rep.

WHARVES AND DOCKS

SANTA BARBARA, Cal.—Until March
5, 10 A. M., bids will be received by
tearns Wharf Co., 26 East Carrillo St.,
or alterations and additions to cause-
way and pier at the foot of State street.
rank G. White and Harry E. Squires,
onsulting engineers, Ferry Bldg., San
Francisco. Plans obtainable from the
wners at Santa Barbara on deposit of
10, returnable, and may be seen at the
fice of the engineers in San Francisco.

Plans To Be Approved March 19th.
WHARF Cost, \$450,000
RICHMOND, Contra Costa Co., Cal.
Waterfront.

Wharf, 800 feet; cargo building, 800x150
feet; reinforced concrete construction
throughout.

Owner—City of Richmond (A. C. Faris,
City Clerk), and Parr Terminal Co.
Engineer and Mgr. of Constr. — H. J.
Brunnier, Sharon Bldg., San Fran-
cisco.

essor—Parr Terminal Co., 1 Drumm St.,
San Francisco.

Plans are to be submitted to the city
ouncil for approval March 19th at
which time a date will be set for open-
ing bids.

SANTA BARBARA, Cal.—Frank G.
White, (chief engineer, State Harbor
Commission), Ferry Bldg., San Francisco,
preparing plans to remodel and rebuild
old pier at ft. of State St. for Dwight
Murphy and Max Fleishmann et al, who
plan to expend \$150,000 in imps. for
pleasure pier.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—Until April 2, 11
A. M., under proposal No. 363, bids will
be received by Leonard S. Leavy, city
purchasing agent, 270 City Hall, to fur-
and del. linseed oil, shellac, turpentine
and leads, ets. Specifications and fur-
ther information obtainable from above
office.

OAKLAND, Cal.—Redwood Mfg. Co.,
473 Bryant St., San Francisco, at \$853
submitted low bid to City Park Commis-
sion to fur. and erect 50,000-gal. wooden
tank in Sequoia Park. Other bids, all
under advisement, were: Pacific Tank &
Pipe Co., \$937; Geo. Windeler, \$949; John
M. Bartlett, \$990.

SACRAMENTO, Cal.—H. B. Andrews,
manager of Municipal Airport, will in-
spect type of fencing at Oakland munici-
pal airport with a view to adopting
that type of fence for the Sacramento
field.

WALNUT CREEK, Contra Costa Co.,
Cal.—Western Pacific Railroad will have
plans prepared at once for new freight
and passenger depot to be erected at
Walnut Creek. Property for the station
will be purchased in Cypress Ave.

MODESTO, Stanislaus Co., Cal.—Tide-
water-Southern Railway, a subsidiary of
the Western Pacific R. R., is having plans
prepared for a new freight and passenger
depot to be erected here in addition to
extensions to system.

RICHMOND, Contra Costa Co., Cal.—
Zeb Knott, 319 7th st., Richmond, was
awarded the contract by Petroleum Se-
curities Co. (Frank R. Seaver, manager
of construction) Richmond, for painting
steel oil storage tanks in connection with
\$2,000,000 distributing plant. Contract
for tanks including erection has been
awarded to Western Pipe & Steel Co. at
approx. \$250,000.

Hardwood Floor Contract Awarded.
TRAINING HOME Cost \$300,000
SAN FRANCISCO, N Silver Ave., near
Yale St.

Four-story reinforced concrete and brick
training home.

Owner—The Salvation Army, 36 McAl-
lister St., San Francisco.

Architect—R. T. Inwood, 32 Atlantic Ave.,
Long Beach.

Contractor—Geo. T. Gayton, 36 McAllis-
ter st., San Francisco.

Hardwood Floors: Hanley & McCrellis,
1443 18th Ave. As prev. reported.
Mill Work: Reinhart Lumber Co., Jer-
rold and Barneveld sts.

Plans Bing figured.
UNDERTAKING BLDG. Cost \$17,000
COLUSA, Colusa Co., Cal.
One-story frame and stucco undertaking
parlor.

Owner—Sullivan Bros.

Architect—W. H. Weeks, Hunter Dulin
Bldg., S. P.; 1736 Franklin st., Oak-
land; 246 S. First st., San Jose.

OAKDALE, Stanislaus Co., Cal.—A. L.
Gilbert is conferring with directors of
Oakdale Irrigation District regarding the
establishment of a summer and winter
resort with a lake and bathing and
dancing pavilion on lands in the dis-
trict. Gilbert proposes to construct a
dam across his ranch creating a lake
covering approx. 125 acres with 12 ft.
of water. Chief engineer Hartley of
the district has approved prel. plans
for the project.

RENO, Nevada—Until April 11, 10 a.
m., bids will be received by E. H. Bee-
mer, county clerk, to furnish 72 folding
voting booths, 12 sections, also twelve
large size ballot boxes. Further infor-
mation obtainable from clerk. See call
for bids under official proposal section
in this issue.

Contract Awarded
HANGAR Cont. Price \$12,990
OAKLAND, Alameda Co., Cal.—Oakland
airport hangar No. 37.

Concrete foundation and concrete floor
slabs, 120x200 for proposed mill con-
structed hangar.

Owner—Board of Port Commissioners of
city of Oakland, 424 Oakland Bank
Bldg., G. B. Hegardt, secty.

Architect—Owners.
Contractor—Triberti & Messaro, 44th
Street, Oakland.

BERKELEY, Alameda Co., Cal.—Until
March 26, 11 a. m. bids will be rec. by
Regents of the University of California,
for (a) development and imp. of Straw-
berry Canyon roads and (b) general
excavation, fill and grading of site and
roads for Poultry Research Station in
Strawberry Canyon, Berkeley and Oak-
land. Plans obtainable from Comp-
troller at the University in Berkeley,
on deposit of \$20, returnable....See call
for bids under official proposal section
in this issue.

OAKLAND, Alameda Co., Cal.—Bids
of J. Cassella, 1713 Oak st., Oakland,
at A, \$1.45 per cu. yd., \$1.55; Prop. B.
90c. \$1.00 submitted to G. B. Hegardt,
secty., City Port Commission, 424 Oak-
land Bank Bldg., to fur and del. 5000
cu. yds., more or less, crushed rock was
rejected as being too high Materials
will be purchased in the open market.

Contract Awarded.
COMFORT STA. Cont. Price \$7132
OAKLAND, Alameda Co., Municipal
Airport.

Two frame comfort stations.

Owner—City of Oakland Port Commis-
sion, Oakland Bank Bldg.

Architect—Owners.
Contractor—A. Frederick Anderson,
1093 Longridge Road, Oakland

BUSINESS OPPORTUNITIES

Sanitary Apparatus and Septic Tanks.
Paris, France, Association Nationale
C'Expansion Economique, 23 Avenue de
Messine, Paris, France. Exporters of
the above-mentioned equipment are seek-
ing connections in San Francisco.

Ceramic Products. Barcelona, Spain,
Ceramica del Xandri, S. L., Aribau 55,
Barcelona, Spain. Manufacturers of
ceramic products for the building trade,
such as red floor tiles, glazed round red
roof tiles in all colors, sanitary piping
and ornamental ceramics, floor tiles in
all colors, and kindred products, desire to
introduce their products in this territory.

Artistic Carved and Stamped Woods.
Trieste, Italy. Enrico Krisa, via Artisti
N. 3, Trieste, Italy. Manufacturers wish
to get in touch with San Francisco im-
porters interested in artistic wood bor-
ders; pressed and stamped, spiral staves;
carved and stamped ornaments and
patent borders in variegated woods for
furniture and tapestry purposes.

Market for California Products in
Greece. Athens, Greece. I. P. Cotsim-
biris & Co., 3, Rue Proastiou 3, Athens,
Greece. Trading company seeks con-
nections with San Francisco manufacturers
and commercial houses, which are in-
terested in having their goods marketed
in Greece.

Scrap Tin. Kobe, Japan. Mitsudzumi
& Co., P. O. Box 348, Kobe, Japan. Firm
requests prices, c.i.f. Kobe, on scrap tin
plate. They are in a position to do quite
an extensive business in that commodity
providing the goods are right and the
price moderate.

Electric Lamp Filament. Osaka, Jap-
an. M. Nagaoka & Co., 1-Chome Yedo-
berri, Minamidori, Osaka, Japan. Im-
porters of tungsten wires and molyb-
denum wires, to be used for incandescent
lamps and gas filled lamps, solicit prices
and samples from U. S. A. manufacturers
and exporters.

Machinery and Merchandise for the
Calcutta Market. Calcutta, India. Mr.
John D. Marsh, United Trading Com-
pany, S. A., Chester Williams Bldg., 5th
and Broadway. Company desires to se-
cure the agency of San Francisco job-
bers and manufacturers, who sell mer-
chandise and machinery suitable for sale
in India. The type of machinery desired
is small hand-powered machines for
various purposes, acetylene lanterns and
lamps, cheap ice cream freezers, ma-
chines requiring small gasoline engines
to operate them, also other articles and
machines of this type. Representative
of the Calcutta company is now in Los
Angeles for the purpose of arranging the
above-mentioned connections, and he
would appreciate hearing from interested
San Francisco concerns.

Accepting without discussion the rec-
ommendation of the Municipal Water
Committee, the Aberdeen (Wash.) city
council awarded a contract to supply
10,000 barrels of Portland cement to the
Building Materials Co., Inc., of Grays
Harbor. Action on the award has been
delayed last week to allow additional
time to scan the bids, but no reason for
the action was given. The Grays Har-
bor firm had bid \$3.11 per barrel as
against \$2.76 offered by the Stonewav
Dock Co., Seattle. The low bid was for
Belgian cement while the local proposal
specified the domestic product. It is un-
derstood unofficially that the question of
possible damage to cement brought in
water influenced the decision, although
question of transportation and availabil-
ity of additional materials are believed to
have been involved.

California State Civil Service Com-
mission, Forum Building, Sacramento,
announces examinations for various po-
sitions in highway construction, inspec-
tion and location and civil engineering
drafting positions. Applications for ex-
amination under the former must be filed
with the commission not later than April
14 and on the latter not later than April
5. Further information, together with
application blanks for examinations, are
obtainable from the commission offices at
San Francisco, Los Angeles and the main
offices at Sacramento.

Engineering News Section

BRIDGES

SACRAMENTO, Cal.—Until March 25, p. a. n., bids will be rec. by Harry W. Hall, county clerk, to const. bascule steel bridge over Sacramento river, near Freeport. Will be 639 ft. in length with two draw spans giving a clear channel space of 200 feet. Cert. check 10 per cent payable to chairman Bd. of Suprs. Reg. with bid. Plans on file in office of clerk, Chas. Deterding Jr., county eng. See call for bids under official proposal section in this issue.

SAN RAFAEL, Marin Co., Cal.—L. Lambretto, Mill Valley, at \$237 awarded cont. by county to const. 3 bridges on Bolinas to Olema rd., involv. 108 cu. yds. A conc.; 11,500 lbs. reinf. steel in place.

PROCKETT, Contra Costa Co., Cal.—Healy-Tibbitts Const. Co., Daniel Const. Co. and Hutchison Co. awarded contracts by American Toll Bridge Co. to fur. and del. approx. 160,000 tons of rock fill in connection with fender system for Carquinez Straits bridge. Contract for construction awarded to Duncanson-Harrison Co., DeYoung Bldg., San Francisco.

TEHAMA, Tehama Co., Cal.—Until March 30, 8 P. M., bids will be rec. by Louise Underhill, city clerk, to const. reinf. conc. bridge at n. w. entrance to city. Est. cost \$8875. Cert. check 5% req. with bid. Plans on file in office of clerk.

DEL NORTE COUNTY, Cal.—Until April 4, 2 P. M., bids will be rec. by State Highway Commission, to const. steel cantilever bridge consisting of two 114-ft. anchor arms, two 114-ft. cantilever arms and one 152-ft. suspended span; on conc. piers and about 1.16 mi. of rdwy. to be graded. Bridge will be constructed over Smith River, about 8 mi. east of Crescent City. C. H. Purcell, State Highway Eng. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Alameda city council has given endorsement of combined bridge and tube as an alternative for the Rincon Hill-Alameda transbay bridge project. The alternate plan is suggested by Lochiel M. King, engineer connected with the Alameda Estuary tube project. His plan is said to meet the requirements of the War Department. Tube would start at foot of Army st., San Francisco, and extend 4500 ft. out into bay where it would rise gradually to a bridge over shallow water on the island side of the bay.

NEWPORT BEACH, Cal.—Until April 2, 7:30 p. m., bids will be rec. by Alfred Smith, city clerk, to const. reinf. conc. bridge together with conc. abutments, foundations, columns, walls, approaches, conc. pipe drains, etc., in Goldenrod ave. Cert. check 10 per cent req. with bid. Plans on file in office of clerk.

SAN MATEO COUNTY, Cal.—County supervisors rescind action awarding franchise to interests represented by Albert Mansfield, Redwood City attorney, authorizing the const. of a toll bridge over San Francisco Bay from Candlestick Point, San Mateo county, to ft. of Webster st., Alameda county. Franchise rescinded due to protests of city and county of San Francisco and Peninsula district. Proposed structure as contemplated was to be 45,000 ft. long, 40 ft. wide and so designed as to permit widening to 80 ft. to handle railroad business. The cost was placed at \$27,500,000.

SAN JACINTO, Cal.—Riverside County Supervisors contemplate const. of bridge over San Jacinto river on route of San Jacinto-Solobos Rd., the city of San Jacinto and county to pay one-half and the Federal Gov't the remaining half; est. cost \$10,000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO—Until April 9, 11 A. M., bids will be received by U. S. Engineer Office, 321 Customhouse, to fur. 300,000 tons of stone for jetty at entrance to Umpqua river, Ore. Spec. obtainable from above office.

SANTA BARBARA, Cal.—City plans to imp. Bird Refuge Lake by creating two artificial islands and filling a portion of the present lake will involve about 151,000 cu. yds. material. City Engineer E. B. Brown has estimated the cost at \$60,400.

SAN FRANCISCO BAY—See "Government Work and Supplies," this issue. Modification of San Francisco Harbor.

OAKLAND, Cal.—City Port Commission rejects bids to fill slough along South Shore dr., at Municipal Airport. Work will be done by day labor. Paris Bros., Antioch, low bidder at 62c yd.

STOCKTON, San Joaquin Co., Cal.—City council votes \$2000 appropriation to cover completion of deep water surveys in connection with Stockton Harbor. W. B. Hogan is city eng.

IRRIGATION PROJECTS

GRENADA, Siskiyou Co., Cal.—Following is complete list of bids rec. by Big Springs Irrigation District, to const. two pumping plants, seven flumes, one ditch and minor project units; also to furnish cement, lumber, reinforcing steel, metal flumes and concrete pipe:

Western Red Cedar: f. o. b. Grenada. The Booth-Kelly Lumber Co., \$29.50 per M. for Common grade, no number of grade given.

Yreka Lumber Co., Yreka, \$31 per M. for Common grade, rough; \$30.25 per M. for Common grade, dressed; no number of grade given.

The Diamond Match Co., Chico, \$34.50 per M. for Common grade, no number of grade mentioned.

Niedermeyer-Martin Lumber Co., Portland, \$31.90 per M. for No. 1 Common grade; \$38.90 per M. for Select Common.

Cement: f. o. b. Grenada

Calaveras Cement Co.; The Diamond Match Co.; Pacific Portland Cement Co.; Henry Cowell Lime & Cement Co., and F. C. McGregor, Grenada, \$3.59 per bbl., in cloth sacks.

*Price f. o. b. warehouse, Grenada.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

Bids on cement in paper sacks 20c per bbl. less.

Reinforcing Steel, per ton

*W. S. Wetenhall Co., San Francisco (a) 1/4" sq. bars, \$76; (b) 3/8" sq., \$6 (c) 1/2" sq., \$58; (d) 5/8" sq., \$56.

Frederick Steel Co., San Francisco (a) \$85; (b) \$65; (c) \$65; (d) \$—.

Truscon Steel Co., San Francisco (a) \$85.10; (b) \$73.10; (c) \$69.10; (d) \$—.

**Soule Steel Co., San Francisco (a) \$78.20; (b) \$66.20; (c) \$62.20; (d) \$—.

*Price on not less than min. carload of not less than 60,000#.

Carload lots of less than 60,000# ad \$1.90 per ton to above figures.

*Quote base price of \$50.20 per ton in minimum carload of 36,000 lbs.

If tonnage increased to carload of 60,000 lbs., base price \$2.30 less.

Labor in Erecting Flumes, Building Ditches, and Small Work (District to Furnish Materials)

Enseles & McElroy, Montague, different bids on different propositions.

Geo. F. Dexter, Montague, rock excavation, 450 cu. yds. @ \$2.50 per cu. yd. Earth and loose rock excavation, 140 cu. yds. @ 80c per cu. yd.

A. Young, Yreka, bid on construction of metal flume, different schedules and bids.

Flume, Metal, Various Sizes, f. o. b. Grenada

Colorado Culvert & Flume Co., Pueblo all steel flume, \$5795.30.

Calif. Corrugated Culvert Co., bid on part Armo and part steel flume, \$5802.40 alternate bid on all steel flume.

Reconstruct Present Pumping Plants and Install New Plants, Bidders Were:

Fairbanks, Morse & Co.; Electric Supply Co., Yreka; Byron Jackson Pump Co., United Iron Works; Latourrette-Fica Co.

LOWER CALIFORNIA—Ambursen Construction Co., Alexander Bldg., San Francisco, at \$3,000,000 awarded cont. by General Rodriguez, governor of northern district of Lower California, to const. a dam 255 ft. from the bed of Tijuana river, 30 mi. from San Diego and 11 mi. south of the boundary. This is the first unit of an irrigation project involving an expenditure of \$15,000,000. Further development will follow on the Tecate river which joins the Tijuana three miles below the dam site. Other items include extension of the Pacific Coast highway from the United States boundary 70 mi. to the port of Ensenada and resumption of the San Quintin irrigation project, 200 miles to the south.

BENICIA, Solano Co., Cal.—Until April 3, 8 P. M., bids will be rec. by city clerk at Benicia to place hydraulic earth fills, etc., within Benicia Reclamation District. (This work for Benicia Reclamation District of which C. G. Clyne is Secty.) F. A. Steiger, engineer, court-house, Fairfield. Project involves 525,000 cu. yds. earth fill. Cert. check \$1500 or bidder's bond req. with bid. Plans obtainable from eng. on deposit of \$10, returnable.

TURLOCK, Stanislaus Co., Cal.—Until April 2, 2 p. m., bids will be rec. by A. M. Sorenson, secty., Turlock Irrigation Dist., for imps. in Imp. Dist. No. 7, involv. (1) const. 4 conc. structures, 1 voly. 10 cu. yds. conc.; (2) 651 lin. 36-in. dia. conc. pipe. Cert. check 5 per cent payable to dist. req. with bid. Plans obtainable from clerk.

LIGHTING SYSTEMS

SALINAS, Monterey Co., Cal.—City will start proceedings at once for ornamental lighting system in Monterey st; single standards, 16 ft. high, surmounted by 1000-c.p. lights and 200 ft. apart on each side of st. Howard Cozens, city

RICHMOND, Contra Costa Co., Cal.—Merchants Association plans to increase power and number of street lights in Macdonald ave. electrolier system. Estimates of cost are being made by E. A. Hoffman, city eng.

YREKA, Siskiyou Co., Cal.—City trustees contemplate installation of electrolier system in Main St., from Lennox St. northerly. Estimates of cost are being compiled by committee composed of Ed. Egli, Albert Herzog and Geo. F. Hellnuth, all members of the city board of trustees.

SACRAMENTO, Cal.—Bids will be asked shortly by city to install electrolier system in area bounded on north by alley bet. Donner way and 5th ave; on east by William Curtis Park; on west by 24th st., and on south by Twelfth ave. A. J. Wagner, city eng.

ORLAND, Glenn Co., Cal.—City declares inten. (2-A) to install 52 single lamp Marbelite electroliers together with underground system in Walker St., bet. 5th St. and alley bet. 3rd and 4th Sts., and in 4th and 5th Sts., bet. Walker and Bolust Sts. 1911 Act, Bond Act 1915. Protests March 26. E. W. Parlin, city clerk.

STUDIO CITY, Cal.—The Marbelite Corp. awarded cont. at \$30,000 to install electrolier lighting system in four of imp. subdivided tracts at Studio City.

MACHINERY AND EQUIPMENT

GLENN, Glenn Co., Cal.—Harnischfeger Sales Corp. awarded cont. by Jacinto Irrigation Dist. to fur. one Model 204 P. & H. excavator equipped as dragline, complete with 35-ft. boom and one-half yard dragline bucket. Other bids received were not considered as they did not comply with specifications.

SEBASTOPOL, Sonoma Co., Cal.—City trustees contemplate purchase of one-man tractor grader.

LAKEPORT, Lake Co., Cal.—Proposals will be submitted at April election to vote direct tax to finance purchase of tractor for street improvements; est. cost, \$2885.

INGLEWOOD, Cal.—Until March 26, bids will be rec. by O. H. Duelle, city clerk, to fur. one 1-ton or 1½-ton truck with open express body, enclosed cab; allowance to be made on truck no longer req. by city.

OROVILLE, Butte Co., Cal.—County will sell road grader no longer required and from proceeds of sale will purchase a new grader. Harry H. Hume is county engineer.

MOUNTAIN VIEW, Santa Clara Co., Cal.—City trustees contemplate purchase of motor street sweeper; estimated cost \$8000.

RAILROADS

YOLO-SOLANO COUNTIES, Cal.—Sacramento Northern Railway Co., making surveys for branch line from River-view south of Solano and Ryer Island, a distance of 16 miles, in addition to a 7½ mi. extension from Armijo to Creed, Solano County; also from Willota, Solano County, east to Napa, thence to Petaluma, a distance of 36 miles.

FLORENCE, Colo.—Hamilton & Gleason, Tramway Bldg., Denver, Colo., awarded cont. by Denver & Rio Grande Western R. R. for 30 miles of re-grading on line from Swallow to Florence, involv. 1,000,000 cu. yds. excavation of which 25% is rock.

MISCELLANEOUS SUPPLIES

SANTA BARBARA, Cal.—Until March 22, 2 p. m., bids will be rec. by Carl E. Hasse, city purchasing agent, to fur. and del. liquid chlorine for period of one year. Cert. check 10 per cent payable to Mayor reg. with bid. Spec. obtainable from city purchasing agent.

GLENDAL, Cal.—Until 10 A. M., March 22, bids will be rec. by city to fur. f. o. b. cars, Glendale, the following:

- Item 1. 120 pieces ¾"x1½" Copper Bus Bar 12'-0" Long.
- Item 2. 192 pieces ¾"x3" Copper Bus Bar 12'-0" Long.
- Item 3. 6 pieces ¾"x3" Copper Bus Bar 12'-6" Long.
- Item 4. 2 pieces ¾"x3" Copper Bus Bar 13'-0" Long.
- Item 5. 10 pieces ¾"x3" Copper Bus Bar 13'-6" Long.
- Item 6. 2 pieces ¾"x3" Copper Bus Bar 14'-0" Long.
- Item 7. 310 pieces ¾"x4" Copper Bus Bar 12'-0" Long.
- Item 8. 2 pieces ¾"x4" Copper Bus Bar 12'-0" Long.

Items 1 to 8, inclusive, shall be of hard drawn copper, shall be the exact length specified and shall have a minimum conductivity of 97 per cent (97%) of Matthiessen's standard.

Certified check, 10%. A. J. Van Wie, city clerk. P. Diederich, plant supt.

MONTEREY, Monterey Co., Cal.—Havilside Co., San Francisco, at \$1465 awarded cont. by city to fur. 2400 ft. 10-in. Manila rope.

SEATTLE, Wash.—Until March 20, 9:30 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, to fur. and del. 5250 ft. ¾-in. rubber hose. Further information obtainable from above.

LOS ANGELES, Cal.—Until 3 p. m., March 23, bids will be rec. by water and power commission for carbon dioxide fire extinguishing equipment; P-594. James P. Vroman, secretary.

SANTA BARBARA, Cal.—Until March 22, 2 p. m., bids will be received by City Purchasing Agent Carl E. Hasse, to fur. palm fiber for motor street sweepers. Further information obtainable from

RESERVOIRS AND DAMS

ARCADIA, Cal.—C. Way, 5109 Monte Vista St., Los Angeles, at \$21,267 sub. low bid to city to const. reinf. conc. reservoir, 3,000,000 gal. capacity in connection with water system.

PHOENIX, Ariz.—See "Power Plants" this issue. Salt River Water User's Ass'n. plans const. of dam.

OCEANSIDE, Cal.—Bernard MacDonald, city councilman, has announced additional reservoirs are included on this year's program for water imp.

BAKERSFIELD, Kern Co., Cal.—A. L. Trowbridge, chief engineer for the Kern River Water Storage District, estimates cost of high storage dam below the forks of Kern river near Isabella, tentatively planned to store 150,000 ac. ft. of water for irrigation of 244,800 acres, at \$2,733,500. Estimate is summarized as follows: acquisition of site, \$654,000; conc. dam, \$1,432,200; supplementary earth fill dam, \$74,100; obviating interference with Borel power plant system, \$581,800.

PIPE LINES, WELLS, ETC.

CALIFORNIA — Engineers of Pacific Gas & Electric Co., 245 Market St., San Francisco, are said to be preparing estimates of cost for pipe line to carry natural gas from Ventura oil fields into San Francisco area. Previous estimates place the cost of const. at \$30,000,000.

OROVILLE, Butte Co., Cal.—Until April 4, 10 a. m., bids will be rec. by W. J. Monro, secty., Oroville-Wyandotte Irrigation District, to fur. 2075 lin. ft. 16-in. Armco iron riveted slip joint pipe and fittings or machine banded redwood pipe; also 2184 lin. ft. 16-in. conc. pressure pipe. Bids will also be considered for trenching, laying, backfill, etc. Spec. obtainable from clerk. See call for bids under official proposal section in this

SEWAGE DISPOSAL PLANTS

ALTURAS, Modoc Co., Cal.—Until March 19, 8 P. M., bids will be rec. by E. E. Elliott, city clerk, to const. sewer system and disposal plant. Further information obtainable from clerk.

MISCELLANEOUS CONSTRUCTION

GLENDAL, Cal.—Inter-City Tunnels Assn. propose const. of series of tunnels through Hollywood Hills to link Los Angeles and Glendale and San Fernando valley via new traffic routes. Chas. B. Guthrie, Secty. of Assn.

WATER WORKS

TRACY, San Joaquin Co., Cal.—April 9 is date set by city to vote bonds of \$70,000 to finance water main extensions. Geo. L. French, city clerk.

OAKLAND, Cal.—Until April 20, 7:30 P. M., bids will be rec. by John H. Kimball, Secty., East Bay Municipal Utility District, 1924 Broadway, to const. Wildcat Aqueduct, Mokelumne Project, involv.: 72,000 cu. yds. excavation; 500 bbls. Port. cement; 24,000 lbs. reinf. steel; 220 cu. yds. reinf. steel; 25 street manholes (solid covers); 15 street manholes (ventilated covers); 41 pipe manholes; 12 6-in. check valves; 6 8-in. check valves; 14 8-in. comb. gas traps and check valves; 15 4-in. comb. pressure air and vacuum valves; 3 4-in. air and vacuum valves; 15 4-in. angle rising stem gate valves; 16 6-in. straight stationing stem valves; 10 8-in. gate valves; 3 12-in. gate valves; 3 24-in. gate valves and by-passes; 4 48-in. gate valves; 17 6-in. skew pipe nozzles; 6 8-in. skew pipe nozzles; 13 4-in. skew pipe nozzles; 4 8-in. angular neck pipe nozzles; 3 24-in. straight neck pipe nozzles; 3 12-in. straight neck pipe nozzles; 15,000 lbs. flanged c. i. pipe and fittings; 6000 ft. lock bar or electric welded steel and c. i. pipe, 60", ⅝" plate; 23,500 lin. ft. lock bar or electric welded steel and c. i. pipe, 56", ⅝" plate; 23,500 lin. ft. coat and wrap steel pipe or 6000 lin. ft. "C" c. i. pipe, 60"; 23,500 lin. ft. "C" c. i. pipe, 56" or 6000 lin. ft. steel cylinder reinf. conc. pipe, 60" dia.; 23,500 lin. ft. steel cylinder reinf. conc. pipe, 56" dia.; 30,360 lin. ft. electric cable; 6 conductor boxes; 856 lin. ft. of tunnel complete. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until March 13, 8:30 P. M., bids will be rec. by Walter S. Chandler, Secty., Board of Park Directors, 407 City Hall, to furnish and erect 50,000-gal. wooden tank in Sequoia Park. Cert. check 10% payable to city req. with bid. Bond of \$1000 req. of successful bidder. See call for bids under official proposal section in this issue.

PITTSBURG, Contra Costa Co., Cal.—City Manager Roy A. Watkins, authorized to connect well in city park with city water mains, involv. approx. 2340 ft. 8-in. pipe; est. cost \$4500.

FRESNO, Fresno Co., Cal.—J. C. Forkner, founder of townsite of Figarden, a 160-acre tract north of Fresno, has announced that he has plans under way for a water system to cost \$50,000.

TURLOCK, Stanislaus Co., Cal.—City will ask bids shortly for one carload of pipe for water dept. James Brown, city water supt.

RIVERSIDE, Cal.—Until 10 a. m., Mar. 27, bids will be rec. to const. water system in Washington and Bradley sts., involv. 6-in. c. i. water mains, service connections, fire hydrants; 1911 act. This work will probably run \$25,000 or more. R. E. Brown, city engineer.

OAKLAND, Cal.—Until March 12, 5:30 P. M., bids will be rec. by G. B. Hegardt, Secty., City Port Commission, 424 Oakland Bank Bldg., to install water pipe system at Municipal Airport. Cert. check 10% req. with bid. Plans obtainable from Secty. on deposit of \$5, returnable.

FURLOU K. Stanislaus Co., Cal.—Edw. H. Wolfe, Turlock, at \$447.25, 2 per cent for 10-day payment, awarded cont. by city to lay piping, fittings and valves for water dept.

OAKLAND, Cal.—Until April 20, 7:30 P. M., bids will be rec. by John H. Kimball, Secy., East Bay Municipal Utility District, 1921 Broadway, to const. Sequoia Aqueduct, Mokelumne Project, in valley, 54,320 cu. yds. excavation; 375 bbls. port. cement; 20,000 lbs. reinf. steel; 300 cu. yds. reinf. conc.; 6 street manholes (solid covers); 37 street manholes (ventilated covers); 38 pipe manholes; 14 six-in. check valves; 13 8-in. comb. gas traps and check valves; 21 4-in. comb. air and vacuum valves; 6 4-in. air and vacuum valves; 40 4-in. angle rising stem gate valves; 15 6-in. stationary and rising stem gate valves; 2 8-in. gate valves; 2 20-in. gate valves and by-passes; 2 20-in. gate valves and by-passes; 3 30-in. gate valves and by-passes; 2 48-in. gate valves; 21 6-in. and 21 4-in. skew pipe nozzles; 4 8-in. angular neck pipe nozzles; 2 20-in. straight neck nozzles; 2 24-in. straight neck nozzles; 3 30-in. straight neck nozzles; 19,000 lbs. flanged c. i. pipe and fittings; 5660 60-in. lock bar or electric welded steel and c. i. pipe, $\frac{5}{8}$ " plate; 15,660 ft. lock bar or electric welded steel and c. i. pipe, 56-in. dia., $\frac{5}{8}$ " plate; 1130 ft. lock bar or electric welded steel and c. i. pipe, 50-in. dia., $\frac{5}{8}$ " plate coat and wrap 22,452 steel pipe; 5660 ft. "C" c. i. pipe 60" dia.; 15,661 ft. "C" c. i. pipe, 56" dia.; 1331 ft. "C" c. i. pipe, 50" dia., or 5660 ft. steel cyl. reinf. conc. pipe, 60"; 15,661 ft. steel cyl. reinf. conc. pipe, 56"; 1331 ft. steel cyl. reinf. conc. pipe, 50"; 22,452 lin. ft. electric cable; 6 conductor boxes. See call for bids under official proposal section in this issue.

SANTA ANA, Cal.—Until 7:30 P. M., March 19, bids will be rec. by city to fur. cast iron pipe; 18 ft. 24-in., 3400 ft. 16-in., 310 ft. 12-in., 72 ft. 20-in., 1150 ft. 14-in., 2550 ft. 10-in., gate valves, fittings, etc. Spec. obtainable from city water supt.

PLACERVILLE, El Dorado Co., Cal.—Until April 2, 8 P. M., bids will be rec. by Esther A. Mahler, city clerk, to fur. and del. c. i. water mains and fittings as more fully described in official call for bids. Cert. check 10% req. with bid. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Grinnell Co., 520 Mateo St., at \$12.04 per C ft. sub. low bid to Water and Power Comm. to fur. 37,000 ft. 1-in. galv. extra heavy wrought steel pipe, under Spec. P. A. Adv. W-873.

OAKLAND, Cal.—Michael Murphy, 1321 Milvia st., Oakland, at \$1739 sub. low bid to City Port Comm. to install water pipe system at Municipal Airport. Other bids, taken under advisement, were: Jas. Young, \$1750; G. DeGolyer, \$2200; L. Farrell, \$2417; Scott Co., \$2475; P. Fazio, \$2795.

RED BLUFF, Tehama Co., Cal.—Until March 26, 7:30 P. M., bids will be rec. by E. E. Stevens, engineer for city water department, to fur. pipe and fittings. Cert. check 10% req. with bid. Complete list of materials desired obtainable from eng. Pipe to be del. f. o. b. Red Bluff.

CALISTOGA, Napa Co., Cal.—Election will be held next month to vote bonds of \$80,000 to finance improvements to water system. Previous election defeated.

GLENDALE, Cal.—Until 10 A. M., March 27, bids will be rec. to lay c. i. water mains, fire hydrants, etc., in Brand Blvd. and Randolph St. A. J. Van Wie, city clerk. P. Diederich, plant supt.

SAN FRANCISCO—May 1 is tentative date set by Board of Supervisors to vote on proposal to purchase properties of Spring Valley Water Co. to operate as a municipal project. The amount of the bonds to be voted to finance the purchase is \$41,000,000.

SANTA BARBARA, Cal.—Until March 22, 2 P. M., bids will be rec. by Carl E. Hasse, City Purchasing Agent, to fur. and del. following:

GROUP NO. 1:
3200 feet of 20 inch Class C Cast Iron Pipe.
2100 feet of 16 inch Class C Cast Iron Pipe.
3 Crosses 16x8 All Bells.
6 Tees 20x6 All Bells.
3 Tees, 16x6 All Bells.
2 Wye Branches 20x8 All Bells.
1 Plug 20x2.
4 Sleeves 20 inch.
GROUP NO. 2:
1200 feet of 12 inch Class B Cast Iron Pipe.
5000 feet of 8 inch Class B Cast Iron Pipe.
8000 feet of 6 inch Class B Cast Iron Pipe.

12 Tees 8x6 Two Bells and One Spigot.
12 Tees, 12x6 Two Bells and One Spigot.
12 Curves 8 inch 45 degrees Bell and Spigot.
12 Curves 8 inch 22½ degrees Bell and Spigot.
12 Sleeves 12 inch.
12 Sleeves 8 inch.
12 Sleeves 4 inch.

GROUP NO. 3:
5 Gate Valves 20 inch Wedge Pattern Hub end, Horizontal geared.
4 Gate Valves 16 inch Wedge Pattern Hub end, Horizontal geared.
4 Gate Valves 12 inch Wedge Pattern Hub end.
12 Gate Valves 8 inch Wedge Pattern Hub end.
48 Gate Valves 6 inch Wedge Pattern Hub end.

GROUP NO. 4:
36 6 inch Fire Hydrants with Two 2½ inch nozzles and 3 foot burys.
Bids rec. March 8 for above were rejected. Cert. check 10% or bidder's bond payable to Mayor of city req. with bid.

PLAYGROUNDS AND PARKS

CHICO, Butte Co., Cal.—Trustees of Chico High School District have authorized pupils to lay out 3-hole golf course at high school grounds. The work will be done by pupils of the school.

QUINCY, Plumas Co., Cal.—Dewey F. McElroy Post No. 304, American Legi backs proposal to plant shrubs and flowers on courthouse plaza in memory of soldiers who lost their lives in the World War.

SEWERS AND STREET WORK

IMPERIAL COUNTY, Cal.—Jahn and Bressi, 127 South Spring st., Los Angeles, at \$150,845 (eng. est. \$188,235) awarded cont. by State Highway Comm. to widen and surface with asph. conc. 7.2 mi. bet. Seeley and El Centro.

SAN FRANCISCO—Eaton & Smith, 715 Ocean ave., at \$106,763, sub. low bid to Board of Public Works to const. Alamy blvd., Section B, bet. Mission and Ocean ave. Other bids were: Federal Construction Co., \$107,566; Fay Improvement Co., \$108,588; Calif. Construction Co., \$112,355; A. G. Raisch, \$114,483; C. L. Harney, \$116,708; Pacific States Construction Co., \$117,200; J. J. Gartland, \$117,523; L. J. Cohn, \$119,978; E. J. Treacy, \$120,784.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (409-C) to imp. Short St., bet. Front St. and Cooper St., involv. 5-in. conc. pave.; conc. walks, curbs; c. i. catchbasins; conc. storm water drain manhole; vit. clay sewer laterals; w. i. water service connections; conc. meter boxes. 1911 Act, Bond Act 1915. Protests March 26. S. A. Evans, city clerk. Roy Fowler, city eng.

HOLLISTER, San Benito Co., Cal.—County supervisors plan to oil road from Tres Pinos, past Bolado Park to Palmdes.

ALTURAS, Modoc Co., Cal.—Bids are being rec. by city council to const. sewer system and disposal plant. Plans on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1407) to imp. Wright St., bet. Royal St. and north city limits, involv. grade; reconst. existing pave. to form 4-in. waterbound macadam base and surface with 3-in. asph. conc. laid in 1-course. 1911 Act, Bond Act 1915. Protests April 3. C. B. Reid, city clerk.

VALLEJO, Solano Co., Cal.—City starts proceedings to imp. Georgia St., bet. El Dorado and Monterey Sts., and Louisiana St., bet. Sutter St. and Napa Rd. T. D. Kilkenny, city eng. Alf. E. Edgumbe, city clerk.

BURLINGAME, San Mateo Co., Cal.—City declares inten. (10) to imp. California Ave., bet. North Lane and Oak Grove Ave., involv. 1300 cu. yds. excavation; remove 27 trees; remove 675 sq. ft. conc. pave.; const. 22,760 sq. ft. conc. pave.; 700 tons asph. conc. surfaces; 370 tons asph. conc. base pave.; 10,240 sq. ft. conc. gutter; 1794 lin. ft. conc. curb; 1736 lin. ft. 12-in. conc. sewer; 14 catchbasins; 3000 sq. ft. repair conc. base. 1911 Act, Bond Act 1915. Protests April 2. J. R. Murphy, city clerk. Jas. S. James, city eng.

LEMOORE, Kings Co., Cal.—Bids are being rec. by city to const. sewer in Magnolia Ave. Plans on file in office of clerk.

INGLEWOOD, Cal.—Until March 26, 8 P. M., bids will be rec. by Otto H. Duell, city clerk, to const. sewers in Municipal Imp. Dist. No. 2, involv. 2328 ft. 10-in. and 20,060 ft. 8-in., 6560 ft. 6-in. vit. clay pipe sewers; manholes; junction chambers, etc. Plans obtainable from Willis Pfeffer, city eng.

BAKERSFIELD, Kern Co., Cal.—Until March 19, 5 P. M., bids will be rec. by V. Van Riper, city clerk, to imp. Union Ave., bet. south line of Sect. 20, Township 29, South, and line 417.42 ft. north-e-rly, involv. curbs and walks. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. W. D. Clarke, city engineer.

SANTA MARIA, Cal.—City declares inten. (204) to imp. East Church St. and portions of McClelland and other Sts., involv. asph. conc. pave., cem. walks, curbs, gutters. 1911 Act. Protests March 22. A. H. Drexler, city clerk.

FRESNO, Fresno Co., Cal.—City declares inten. (75-D) to const. 10-in. vit. clay pipe sewer in vicinity of Block 87, including 4-in. and 6-in. sewer connections; 6-in. on 10-in. wyes; conc. manhole. 1911 Act. Bond Act 1915. Protests March 29. H. S. Foster, city clerk. A. M. Jensen, city engineer.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

FRESNO, Fresno Co., Cal.—Until Mar. 22, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk (72-D), to imp. Los Angeles ave. bet. Broadway and N sts., and portions of Butler ave., Cherry ave., etc., involv. grade and regrade, cem. conc. curbs, gutters, driveway approaches and walks, corr. metal culverts, conc. culverts, manholes, 4-in. asph. conc. pave. with 1½-in. Warrenite-Bit. surface. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk. A. M. Jensen, city eng.

FRESNO, Fresno Co., Cal.—City declares inten. (76-D) to imp. portions of El Dorado st., grade and regrade, conc. curbs, gutters, walks, corr. metal culverts; 4-in. asph. conc. base, 2-in. asph. conc. surface with liquid asph. and rock screening surface. 1911 act, bond act 1915. Protests March 29. H. S. Foster, city clerk. A. M. Jensen, city eng.

SAN RAFAEL, Marin Co., Cal.—Jas. Currie, 1100 Peninsula ave., Burlingame, at \$41,750 awarded cont. by county to const. Olema to Randall's Ranch unit of Olema-Bollinas rd., 5.4 mi. grading and rock surfacing, involv. 63,000 cu. yds. excavation; 30,000 sta. yds. overhaul; 95 cu. yds. A. conc. (headwalls and culverts), 5500 lbs. reinf. steel; 6000 cu. yds. gravel or broken stone in place. County will furnish corr. iron culverts required.

SONOMA, Sonoma Co., Cal.—City trustees will call election shortly to vote bonds of \$36,000 to finance const. of tide water sewer. H. W. Gottenberg, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—County declares inten. to imp. portions of Brewington Ave., Bonita Terrace, Cerro Terrace, Rogers Ave., 5th St., Orchard Ave., etc., involv. asph. macadam surface on 5-in. waterbound macadam base; conc. walks, curbs, gutters; conc. manholes; vit. clay pipe san. sewers with wyes and laterals; ornam. street lighting with underground system; corr. metal pipe culverts. 1915 Bond Act, and Co. Imp. Act of 1921. Hearing March 23. H. E. Miller, county clerk. Lloyd Bowman, county surveyor.

FRESNO, Fresno Co., Cal.—Until Mar. 22, 10:30 A. M., bids will be rec. by H. S. Foster, city clerk, (72-D), to imp. Los Angeles Ave., bet. Broadway and N Sts., and portions of Butler Ave., Cherry Ave., etc., involv. grade and regrade, cem. conc. curbs, gutters, driveway approaches and walks, corr. metal culverts, conc. culverts, manholes, 4-in. asph. conc. pave. with 1½-in. Warrenite-Bit. surface. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. M. Jensen, city engineer.

CLAREMONT, Cal.—Election will be held April 19 to vote bonds of \$12,000 to finance 4-in. macadam pave. in various streets.

SAN RAFAEL, Marin Co., Cal.—Until March 19, 11 a. m., bids will be rec. by Rob. E. Graham, county clerk, to const. Dog Town to Pine Gulch Bridge via Wilkins Ranch on Bollinas rd., approx. 2.1 mi. in length to be graded and rock surfaced, involv. 7500 cu. yds. excavation without classification; 1000 sta. yds. overhaul; 590 lin. ft. 12-in. 94 lin. ft. 18-in., and 46 lin. ft. 24-in. corr. metal culverts; 38 cu. yds. A. conc. (culvert headwalls); 2600 lbs. reinf. steel; 1000 cu. yds. gravel or broken stone in place. County will fur. corr metal pipe. Plans obtainable from County Surveyor Rodney Messner.

GILROY, Santa Clara Co., Cal.—City declares inten. to imp. portions of Egleberry, 2nd, 4th, 5th, 6th, Martin, Lewis and other streets, involv. 299,764 sq. ft. 3½-in. asph. base, 2-in. Warrenite-Bit. surface pave; 19,325 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in. conc. gutters; 1,873 lin. ft. conc. curb; 3700 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; 1500 lb. 6-in., 417 ft. 8-in., 1232 ft. 10-in., and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. c.i. sewer; 1110 ft. 15-in. and 440 ft. 18-in. storm sewer; 19 catchbasins; 1 conc. wall and apron; 6688 cu. yds. excavation. 1911 act, bond act 1915. Protests March 21. Eugene F. Rogers, city clerk; Henry B. Fisher, engineer, Growers Bank Bldg., San Jose.

MONTEREY, Monterey Co., Cal.—City plans extension of Alvarado st. to Light-house ave. Estimates of cost are being prepared by H. D. Severance, city eng.

SOUTH GATE, Cal.—Leo Vuksich, 2851 Gurado st., Los Angeles, awarded cont. by city at \$692,336 to const. a sewer and water system covering practically the entire city, under Acq. and Imp. No. 3.

VALLEJO, Solano Co., Cal.—City declares inten. (140) to imp. Louisiana st. from Sutter st. to west line of Napa rd., includ. crossings, involv. regrade and repave with 6-in. conc. pave consisting of 4-in. base course, 2-in. surface; 4-in. vit. house lateral sewers. 1911 act, bond act 1915. Protests March 31. Alf. E. Edgcomb, city clerk; T. D. Kilkenny, city eng.

BERKELEY, Alameda Co., Cal.—California Const. Co., 58 2nd st., Oakland, at \$149,306 sub. low bid to city (614) to imp. Ashby ave. bet. San Pablo and College aves., involv. grade, conc. walks, gutters, curbs, storm and sanitary sewers, lateral sewers, manholes, catchbasins, culverts, pave., domestic water supply system, etc. Other bids: Union Paving Co., 155,085; Warren Const. Co., \$161,977; Oakland Paving Co., \$166,269; Heafey-Moore Co., \$168,105; H. Heinecke Const. Co., \$170,849; Force, Corrigan & McLeod, \$172,870; F. L. Carson, \$176,569; A. G. Raich, \$189,399. Bids of J. C. Compton and Hutchinson Co., not figured. Bids taken under advisement.

RICHMOND, Contra Costa Co., Cal.—Until March 26 bids will be rec. by A. C. Faris, city clerk (423) to imp. Standard ave. bet. Garrard Blvd. and pt. 5 ft. n. w. of Castro st. and portions of Castro st., Tewksbury, Santa Fe., Washington and Railroad ave. and Garrard Blvd., involv. grade; 4-in. broken stone cushion; 3-course asph. conc. pavement; corr. iron and conc. culverts; conc. catchbasins, etc. 1911 act, bond act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. E. A. Hoffman, city eng.

STOCKTON, San Joaquin Co., Cal.—Willard & Bissotti, Stockton, at \$9012.50 awarded cont. by county to imp. H. R. Whitaker rd. No. 532 from Harney Lane to Kettleman Lane. C. W. Wood only other bidder at \$9190.

REDWOOD CITY, San Mateo Co., Cal.—Smith Const. Co., 3321 Randolph st., Oakland, at \$22,571.65 awarded cont. by county to const. vit. sewers with br. manholes and vit. wye branches; conc. sump with reinf. conc. pumphouse, 10 by 10 ft., together with wood trestle; install pump with 8-in. discharge and 8-in. suction, 600 R. P. M., etc., in portions of Chadbourne ave., Willow ave., Hickory ave, etc. Other bids: H. Connor, \$25,578; R. McNair, \$25,956; Hanrahan Co., \$29,190; Jas. Tobin, \$30,287; Thos. Geary & Sons, \$32,633; Jas. Currie, \$33,474; Geo. B. DeGolyer, \$34,500; Chas. Prentiss, \$34,537; Frederick & Watson, \$35,352.

SALINAS, Monterey Co., Cal.—Burns-McDonnell-Smith Engineering Co., 1031 S-Broadway, Los Angeles, commissioned to make survey for proposed sewer system. Bonds will be voted to finance construction.

BAKERSFIELD, Kern Co., Cal.—Until March 19, 5 p. m., bids will be rec. by V. Van Riper, city clerk, to imp. Union ave. bet. Kentucky and Lincoln sts., involv. curbs and walks. 1911 act. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. W. D. Clark, city eng.

VENTURA, Cal.—City Eng. D. C. McMillan completes spec. to pave E-Main st. bet. Christman ave. and city limits; cost \$120,000.

SANGER, Fresno Co., Cal.—Chamber of Commerce proposes to develop East Side highway project, passing through Sanger to Parlier, Reedley, Dinuba, Visalia, Exeter, Lindsay, Porterville and Delano.

HANFORD, Kings Co., Cal.—County supervisors plan to resurface 5½ mi. west of Grangeville to Brownvale highway and 3¼ mi. bet. Hanford and Corcoran; asph. surfacing.

SONOMA COUNTY, Cal.—Larsen Bros., Los Banos, at \$14,699.55 awarded cont. by State Highway Comm. to grade and surface 0.7 mi. at Sonoma Creek bridge, ½ mi. south of Schellville.

SACRAMENTO, Cal.—City declares inten. (2228) to imp. 13th Ave. from 53rd St. to pt. 656 ft. easterly, involv. c. i. drains; vit. sewers; conc. manholes. 1911 Act, Bond Act 1915. Protests March 29. H. G. Denton, city clerk. A. J. Wagner, city engineer.

SACRAMENTO, Cal.—City declares inten. (2220) to imp. alley bet. O and J, 3rd and 4th sts., involv. c. i. drains; vit. sewers; 1-in. water main connections; grade; hyd. conc. pave. 1911 act, bond act 1915. Protests March 29. H. G. Denton, city clerk. A. J. Wagner, city eng.

BERKELEY, Alameda Co., Cal.—Until March 26, 11 a. m. bids will be rec. by Regents of the University of California, for (a) development and imp. of Strawberry Canyon roads and (b) general excavation, fill and grading of site and roads for Poultry Research Station in Strawberry Canyon, Berkeley and Oakland. Plans obtainable from Comptroller at the University in Berkeley, on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

RICHMOND, Contra Costa Co., Cal.—Until March 26 bids will be rec. by A. C. Faris, city clerk (450) to const. 6-in. and 8-in. vit. sewers in portions of Kern, Amador, Humboldt and Ventura sts., Esmond, Garvin, Solano, Clinton and Sierra aves. and Key Blvd., includ. br. and conc. manholes. 1911 act, bond act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. E. A. Hoffman, city eng.

SACRAMENTO, Cal.—City declares inten. (2231) to imp. alley bet. P and O, 13th and 14th Sts., involv. c. i. drains; vit. sewers; reconstr. manhole; 1-in. water main connections; grade; hyd. conc. pave. 1911 Act, Bond Act 1915. Protests March 29. H. G. Denton, city clerk. A. J. Wagner, city engineer.

REDWOOD CITY, San Mateo Co., Cal.—Until April 2, 10 a. m., bids will be rec. by Elizabeth M. Kneese, county clerk, (12) to imp. portions of Marco, Santa Domingo, Santa Lucia aves., etc., involv. 20,000 cu. yds. grading; 556,000 sq. ft. 5-in. asph. pave; 3300 lin. ft. conc. curb and gutter; 816 lin. ft. conc. curb; 4600 sq. ft. cem. walks; 7700 lin. ft. 4-in., 7200 lin. ft. 6-in., and 1260 lin. ft. 8-in. vit. san. sewers; 313 6x4-in. and 71 8x4-in. wye branches; 33 san. manholes; 300 lin. ft. 10-in., and 500 lin. ft. 12-in. conc. storm sewer; 90 12-in. (encased) conc. sewer; 1650 lin. ft. 15-in. and 180 lin. ft. conc. sewer; 230 ft. 18-in. (encased) conc. sewer; 4 storm sewer manholes; 35 catchbasins; 1 special catchbasin, 1921 Imp. Act. Cert. check 10 per cent payable to county req. with bid. Plans on file in office of clerk. Geo. A. Kneese, county surveyor.

MERCED, Merced Co., Cal.—City Eng. Edgar Winton preparing plans for culverts to eliminate dips in N st. at intersections of 18th, 19th and 20th sts., and to pave M st. bet. 13th and 15th sts.

HAYWARD, Alameda Co., Cal.—Fredrickson & Watson, 357 Hobart st., Oakland, at \$10,183.20 awarded cont. by city to const. outfall sewer. Other bids were: 191; Michael Murphy, \$11,360; Fred W.

involv. grade, curbs, gutters, pave., culverts. 1911 act. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

SEBASTOPOL, Sonoma Co., Cal.—City starts proceedings to imp. South Burnett St., bet. Willow and Calder Sts., involv. grade; 5-in. conc. pave; curbs; gutters. Petition to grade and gravel West St. taken under advisement.

SALINAS, Monterey Co., Cal.—City declares inten. (67) to imp. Front St., bet. John and Maple Sts., grade; hyd. conc. curbs; 6-in. hyd. conc. pave; hyd. conc. walks. 1911 Act, Bond Act 1915. Protests March 26. M. R. Keefe, city clerk. Howard Cozzens, city engineer.

BERKELEY, Alameda Co., Cal.—Until March 20, 10 a. m., bids will be rec. by Emma M. Hann, city clerk, to repave Key System track area in Ashby ave. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk.

PORTERVILLE, Tulare Co., Cal., Feb. 20. March 20, 7:30 p. m., bids will be received by W. R. Means, city clerk, 1175 to 16 1/2 up Larson and Harding sts., in Bradrick Court Tract bet Mill st. and south line of tract, involy. grade, conc., curb, 4-in. decomposed granite pave, with asphalt surface. 1911 act, bond act 1915. City check 10 per cent payable to city rec. with bid. Spec on file in office of clerk.

Official Proposals

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on April 4, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Del Norte County, across Smith River about 8 miles east of Crescent City (I-D-N-1-C), a steel cantilever bridge consisting of two 114-foot anchor arms, two 114-foot cantilever arms and one 152-foot suspended span; on concrete piers and about 1.16 miles of roadway to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: March 7, 1928.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, California, on or before 11:00 A. M. Monday, March 26, 1928, for (a) Development and Improvement of the Strawberry Canyon Roads and (b) General Excavation, Fill and Grading of the Site and Roads for a Poultry Research Station located in Strawberry Canyon, Berkeley and Oakland, California.

Drawings and Specifications may be obtained from the Comptroller's Office, Room 218 California Hall, on deposit of \$20.00 for each set.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA

NOTICE TO BIDDERS

(Voting Booths and Ballot Boxes—Reno Nevada)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of March, 1928, sealed bids and proposals will be received by the undersigned at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State

of Nevada, not later than ten o'clock A. M., Wednesday, April 11, 1928, for the following, to-wit:

Seventy-two (72) folding voting booths, twelve sections.

Also twelve large size ballot boxes. The said Board of County Commissioners reserves the right to reject any or all bids and to accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
Clerk of Board of County Commissioners

Standard Form No. 20
STANDARD GOVERNMENT FORM OF
INVITATION FOR BIDS
(Construction contract)

United States Department of Agriculture,
Bureau of Public Roads.

San Francisco March 7, 1928

SEALED BIDS, in single copy only subject to the conditions contained here-in will be received until 10:00 o'clock a. m. on the 27th day of March, 1928, and then publicly opened, for furnishing all labor and materials and performing all work for grading the portion from Sta. 409 plus 68 95 to Sta. 588 plus 60 on the Cromberg-Feather River Inn section of Route No. 23, Quincy-Blairdsen National Forest Highway, located in the Plumas National Forest, County of Plumas, State of California. The length of the project to be graded is 3.36 miles and the principal items of work are approximately as follows:

Excavation, unclassified, 128,600 cu. yds.; excav. incl. for structures, 1050 cu. yds.; overhaul, 26,500 sta. yds.; class A concrete, 213 cu. yds.; class B concrete, 32.5 cu. yds.; reinforcing steel, 18,500 lbs.; 18" C. M. P. haul and place, 800 lin. ft.; 24" C. M. P. haul and place, 1000 lin. ft.; 70" C. M. P. haul and place 130 lin. ft.; hard laid rock embankment, 23 cu. yds.

Proposals will be received from capable and responsible contractors who must submit with their request for Standard Government form of Bid, on forms to be supplied by the District Engineer, an attested statement of their experience and financial resources. Standard Government Form of Bid will be supplied only to contractors showing sufficient experience and financial resources to properly construct the work contemplated.

Where copies of plans and specifications are requested, a deposit of \$10.00 will be required to insure their return. If these are not returned within 15 days after opening of bids the deposit will be forfeited to the Government. Checks should be certified and made payable to the Federal Reserve Bank of San Francisco.

Guarantee will be required with each bid as follows: In the amount of five (5) per cent of the bid.

Performance bond will be required as follows: in the amount of one hundred (100) per cent of the total contract price. Performance will begin within ten (10) calendar days after date of receipt of notice to proceed and will be completed within two hundred (200) calendar days from that date.

Liquidated damages for delay will be the amount stated in the Special Provisions for each calendar day of delay until the work is completed and accepted.

Partial payments will be made as the work progresses for work and material delivered if such work and material meet the approval of the Contracting Officer.

Article on patents will be made a part of the contract.

Bids must be submitted upon the Standard Government Form of Bid and the successful bidder will be required to execute the Standard Government Form of Contract for Construction.

The right is reserved, as the interest of the Government may require, to reject any and all bids, to waive any informality in bids received, and to accept or reject any items of any bid, unless such bid is qualified by specific limitation.

Award of contract will not be made unless and until the necessary funds therefor have been appropriated by Congress.

Envelopes containing bids must be sealed, marked, and addressed as follows: Bid for Road Construction Cromberg-Feather River Inn section, Quincy-Blairdsen National Forest Highway, 807 Sheldon Bldg., 461 Market St., San Francisco, Calif. To be opened 10 a. m., March 27, 1928.

C. H. SWEETSER, District Engineer.
NOTE—See Standard Government Instructions to Bidders and copy of the Standard Government Form of Contract, Bid Bond, and Performance Bond, which may be obtained upon application.

1 time March 10

NOTICE TO CONTRACTORS

(Steel Bascule Bridge—Near Freeport, Sacramento County)

Notice is hereby given that the Board of Supervisors of Sacramento County, California, will receive sealed bids at the Office of the Clerk of said Board, Room 201, Court House Building, Sacramento, California, for the construction of a Bascule Steel Bridge, across the Sacramento River, near Freeport, Calif.

Said bids to be received up to ten o'clock A. M., March 26th.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms which may be obtained from the Office of the County Engineer, said proposal to be accompanied by a certified check of ten per cent of the amount of the bid submitted, check to be made payable to the Chairman of the Sacramento County Board of Supervisors.

Plans and specifications are on file in the Office of the County Engineer to which all prospective bidders are hereto referred.

The Board of Supervisors reserves the right to reject any and all bids received as the public good may require.

By Order of the Board of Supervisors, Sacramento County, Dated February 6th, 1928.

HARRY W. HALL,
Clerk and Ex-Officio Clerk of the Board of Supervisors.

By GEO. M. POTTLE,
Deputy Clerk.

NOTICE TO CONTRACTORS

(Oakland High School Gymnasium)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211 City Hall, Oakland, California, until Tuesday, the 27th day of March, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Oakland High School Gymnasium of the Oakland High School District, located on the southwest corner of Park Boulevard and Hopkins Street, in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 Seventeenth St., Oakland, California.

Separate bids will be taken on:

- (1) General Work.
- (2) Finish Hardware.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District, as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals ob-

tained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland, and of Oakland High School District, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars, but for all bids of less than Fifty Thousand (\$50,000.00) Dollars, said check shall be for a least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 27th day of March, 1928, at 10:15 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEWORTH,
Secretary of the Board of Education of
Oakland, California.

NOTICE TO CONTRACTORS

(East Bay Municipal Utility District)

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 1924 Broadway, Ray Building, Oakland, California, until 7:30 o'clock P. M., Friday, April 20th, 1928, for furnishing materials for and constructing the Sequoia and Wildcat Aqueducts, Mokelumne River Project. Specifications may be obtained by application to the office of the District.

JOHN H. KIMBALL,
Secretary
Oakland, Calif., March 3rd, 1928.

NOTICE FOR BIDS

(Steel, Redwood and Concrete Pipe—Oroville-Wyandotte Irrigation District).

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, until 10 o'clock A. M., April 4th, 1928, for furnishing 2075 lineal feet of 16" Armco Iron riveted slip joint pipe and fittings or machine banded Redwood Pipe. Also 2184 lineal feet of 16" concrete Pressure Pipe.

Also pipe laying, trenching, backfilling, etc.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California.

Contractor proposing to furnish wood pipe will be required to furnish specifications covering work proposed to be done.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO BIDDERS

C. I. Pipe and Fittings—Placerville, Cal.

Inviting proposals for Materials for Water Pipe and Fittings.

Notice is hereby given that Sealed Bids will be received by the City of Placerville, California, on or before 8 o'clock P. M., on the 2nd day of April, 1928, for the following material for water mains and fittings, viz:

4 inch Class B C. I. water pipe, 16 ft. 1150 feet.

8 inch Class B C. I. water pipe, 12 ft., 1290 feet.

8 inch Class B C. I. water pipe, 16 ft., 950 feet.

4 inch C. I. soil pipe, 5 ft., 3120 feet.

8x8x8 Ts, all bell ends, 2 required.

8x8x6 Ts, all bell ends, 1 required.

8x8x4 Ts, all bell ends, 1 required.

6x6x6 Ts, all bell ends, 1 required.

6x6x4 Ts, all bell ends, 9 required.

4x4x4 Ts, all bell ends, 4 required.
8 inch 90 degree elbows, bell and spigot, 1 required.
6 inch 22½ degree elbows, bell and spigot, 3 required.
4 inch 45 degrees elbows, bell and spigot, 3 required.
4 inch 22½ degree elbows, bell and spigot, 4 required.

8 inch nipples, 18 inches long, 1 required.

6 inch nipples, 18 inches long, 1 required.

4 inch nipples, 18 inches long, 12 required.

8x6 reducers, spigot and bell, 2 required.

8x4 reducers, spigot and bell, 1 required.

6x4 reducers, spigot and bell, 2 required.

Gates:
6 inch brass lined, hub ends, with nut, 2 required.

4 inch brass lined, hub ends, with nut, 8 required.

Pipes:
C. I. bell and spigot, either sand cast or centrifugal cast, to be suitable for 150 lbs. per sq. inch pressure:

4 inch dia., 1150 feet.

6 inch dia., 1290 feet.

8 inch dia., 950 feet.

Pipe:
Sewer cast pipe, standard light, 2120 feet required.

Fittings for sewer pipe:
Y branches: 4 inch, 20 required.

22½ degree bends, 4 inch, 20 required.

45 degree bends, 4 inch, 10 required.

Double bell end pipe, 20 required.

All bids must be filed with the City Clerk and accompanied by a certified check equal to 10% of the amount of the bid.

The Board of Trustees of said City reserves the right to reject any and all bids so submitted.

By order of the Board of Trustees of the City of Porterville.

ALBERT SIMON,
Chairman.

ESTHER A. MAHLER,
City Clerk.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

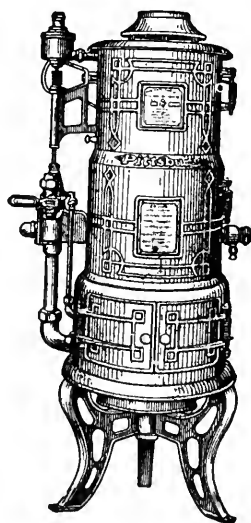
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
566	Bingley	Owner	25000
567	Datello	Rolandelli	4000
568	Haas	Barrett	1000
569	Hibernia	Owner	75000
570	Heyman	Owner	6000
571	Jefferson	Owner	2900
572	McSheehy	McSheehy	4000
573	McCarthy	Owner	7000
574	Norgard	Owner	3000
575	Rundle	Rundle	4000
576	United	Stephenson	3000
577	Castle	Horn	4000
578	Crocker	Merritt	1200
579	Castle	Horn	16000
580	Castle	Horn	8000
581	Castle	Horn	4000
582	Gilksbury	McDonough	2000
583	Johnson	Owner	7000
584	Kincanon	Owner	65000
585	Meyer	Owner	4500
586	Miller	Delaney	1062
587	Mager	Owner	7000
588	Meyer	Owner	4500
589	Mohr's	Owner	10500
590	Mohr's	Owner	4000
591	Williams	Owner	4900
592	Williams	Owner	4000
593	Commercial	McLean	8000
594	Cohen	Owner	5000
595	Elkington	Owner	5000
596	Fosters	United	4000
597	Orack	Ratto	8500
598	Moreschi	Fracchia	8000
599	Righetti	Thulin	4975
600	Arnott	Arnott	5000
601	Butcher	Wilhelm	1000
602	Larsen	Jensen	74000
603	Castle	Horn	4000
604	Dawson	Erickson	4500
605	Hansen	Owner	2500
606	Michelis	Garelli	6000
607	Present	Mitrovich	2900
608	Sunset	Owner	5000
609	Trembley	Owner	2000
610	William	Owner	2500
611	Weinstein	Owner	8000
612	Barron	Putman	8000
613	Same	Same	8000
614	Same	Same	4000
615	Crothers	Owner	24000
616	Fullerton	Owner	5000
617	Holmgren	Owner	4000
618	Kari	Owner	22500
619	Meyer	Owner	4000
620	Same	Same	4000
621	Same	Owner	4000
622	Same	Owner	8000
623	Same	Same	4000
624	O'Brien	Owner	16000
625	Peterson	Owner	4000
626	Stoneson	Owner	4000
627	Stoneson	Owner	2200
628	Zanetti	Owner	6000
629	Zaragoza	Hummer	4000
630	Barron	Putman	20000
631	Campbell	Utoft	12000
632	Christiansen	Utoft	4500
633	Campbell	Owner	4000
634	Campbell	Owner	4000
635	Campbell	Owner	5000
636	Feddersen	Owner	5000
637	Figone	Segoli	2000
638	Harder	Owner	4000
639	Harder	Owner	4000
640	Lindeman	Lindeman	21000
641	Lawton	Owner	7300
642	Magee	Owner	3500
643	Reinando	Owner	5
644	Sullivan	Lindgren	1500
645	Thompson	Hobbs	4000
646	Wesendunk	Owner	3000

STORE BLDG.

(566) S HOWARD 75 W Fourth. Two-story and basement Class C store and loft building.
Owner—L. B. Bingley, Call Bldg., San Francisco.
Architect—William H. Crim Jr., 425 Kearny St., San Francisco. \$25,000

DWELLING

(567) W HURON AVE 130 N Naglee. One-story and basement frame dwlg.

Owner—D. Datello, 516 Huron Ave., San Francisco.
Architect—None.
Contractor—A. Rolandelli, 317 Green St., San Francisco. \$4000

ALTERATIONS

(568) NE POWELL AND SUTTER. Construct mezzanine floor at rear of drug store.

Owner—Haas Realty Co., 98 Battery St., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$1000

BANK BLDG.

(569) SW MISSION AND NORTON. One-story Class A bank building.
Owner—The Hibernia Savings & Loan Society, McAllister and Jones Sts., San Francisco.
Architect—Arthur Brown, 251 Kea St., San Francisco. \$75

DWELLINGS

(570) W BOWDOIN 104 and 135 N Sil Ave. Two one-story and basement frame dwellings.
Owner—Heyman Bros., 742 Market St., San Francisco.
Architect—None. \$3000 each

DWELLING

(571) S TRUMBELL 225 E Conger Ave. One-story and basement frame dwelling.
Owner—W. B. Jefferson, 3123 Mission St., San Francisco.
Architect—None. \$2

FLATS

(572) E CHURCH 64 S Day. Two-story and basement frame (2) flats.
Owner—Frank T. McSheehy, 4168 2 St., San Francisco.
Architect—None.
Contractor—Jas. B. McSheehy, 137 Concord Terrace, San Francisco. \$4

DWELLINGS

(573) N HANOVER 78 and 103 Lowell. Two one-story and basement frame dwellings.
Owner—Jas. F. McCarthy, 436 Eur St., San Francisco.
Architect—William Armitage, 72 N. Montgomery St., San Francisco. \$3500 each

DWELLING

(574) SW ALLISON 100 NW Brunswick. One-story and basement frame dwelling.
Owner—William Norgard, 2502 25th St., San Francisco.
Architect—None. \$30

DWELLING

(575) E THIRTIETH AVE 25 S Irving. One-story and basement frame dwelling.
Owner—George F. Rundle, 1246 36th Ave., San Francisco.
Architect—None.
Contractor—G. F. Rundle & Son, 1246 30th Ave., San Francisco. \$4000

REPAIRS

(576) NO. 142 POWELL. Repair fire damage.
Owner—United Realty Corp., 143 Powell St., San Francisco.
Architect—Bertz, Winter & Maurey, 210 Post St., San Francisco.
Contractor—Stephenson Constr. Co., 1218 Hearst Bldg., San Francisco. \$3000

DWELLING

(577) N SILVER 126 W Camellia; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000 each

ALTERATIONS

(578) 167 FIRST St.; alter and remodel warehouse and offices.
Owner—Crocker Estate, 620 Market St.
Architect—None.
Contractor—W. E. Merritt, 58 Besser St. \$1200

DWELLINGS

(579) N SILVER 25.5, 50.4, 75.6 and 100.8 W Camellia; four 1-story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000 each

DWELLINGS

(580) S SILVER 125.62 and 150.83 W Mission St.; two 1-story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000 each

DWELLING

(581) S SILVER Ave. 176.03 W Mission; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000

REMODEL

(582) 879 42ND AVE.; alter and remodel dwelling.
Owner—L. J. Glicksbury, 879 42nd Ave.
Architect—None.
Contractor—M. McDonough, 148 Randall St. \$2000

DWELLINGS

(583) E OXFORD 50 and 75 S Pioche; two 1-story and basement frame dwellings.
Owner—John M. Johnson, 6 Steiner St.
Architect—None.

APARTMENTS

(584) E FILLMORE St. 80 N Washington; 6-story reinforced concrete store and (22) apt. bldg.
Owner—J. G. Kincanon, 1706 Geary St.
Architect—H. C. Baumann, 251 Kearny street. \$65,000

DWELLING

(585) W TERESITA 212 S Arroyo; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola dr.
Architect—None. \$4500

REPAIR

(586) 442 GROVE St.; repair fire damage.
Owner—C. C. Miller, 370 Turk St.
Architect—None.
Contractor—Chas. S. Delaney, 1715 Eddy street. \$1062.70

DWELLINGS

(587) E ALLISON 25 and 50 N Brunswick; two 1-story and basement frame dwellings.
Owner—Jacob Mager, 1359 4th Ave.
Architect—None. \$3500 each

DWELLING

(588) N TERESITA Blvd. 257 W Reposita; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola drive.
Architect—None. \$4500

DWELLING

(589) E RAE 245, 270 and 295 S Naglee; three 1-story and basement frame dwellings.
Owner—Mohr's Inc., 116 9th St.
Architect—None. \$3500 each

DWELLING

(590) W RAE 230 S Naglee; 1-story and basement frame dwelling.
Owner—Mohr's Inc., 116 9th St.
Architect—None. \$4000

DWELLING

(591) W MADRID 250 S Italy; 1-story and basement frame dwelling.
Owner—Arthur Williams, 5503 Mission St.
Architect—None. \$4000

DWELLING

(592) W MADRID 250 S Italy; 1-story and basement frame dwelling.
Owner—Arthur Williams, 5503 Mission St.
Architect—None. \$4000

- STORE BLDG.**
(593) SE TAYLOR AND JEFFERSON
Two-story frame store building.
Owner—Commercial Center Realty Co.,
216 Kearny St., San Francisco.
Architect—None.
Contractor—R. A. McLean & Co., 609
Mission St., San Francisco. \$5000
- DWELLING**
(591) E SANTA ANA 400 N Ocean Ave.
One-story and basement frame dwlg.
Owner—William C. Cohen, 1023 Market
St., San Francisco.
Architect—H. G. Stoner, 39 Sutter St.,
San Francisco. \$5000
- DWELLING**
(595) E FIFTEENTH AVE 175 N Vi-
cente. Two-story and basement
frame dwelling.
Owner—J. Elkington & Sons, 1291 33rd
Ave., San Francisco.
Architect—None. \$5000
- ALTERATIONS**
(596) NO. 345 BUSH. Alter restaurant.
Owner, Foster's Lunch, Premises.
Architect—None.
Contractor—United Bldg. Constr. Co.,
321 Bush St., San Francisco. \$1000
- DWELLING**
(597) E BAKER 87-6 N Jefferson. Two-
story and basement frame dwelling.
Owner—Mrs. A. E. Orack and S. Orack,
789 Ninth Ave., San Francisco.
Architect—Louis Mastrospasqua, 550
Washington St., San Francisco.
Contractor—V. E. Ratto, 4594 19th St.,
San Francisco. \$8500
- FLATS**
(598) SW CLAY AND WETMORE STS.
Two-story and basement frame (2)
flats.
Owner—A. J. Moreschi, 1165 Clay St.,
San Francisco.
Architect—None.
Contractor—Fraccia & Truffelli, 2450
Chestnut St., San Francisco. \$8000
- REPAIRS**
(599) NO. 1501 LARKIN. Repair fire
damage.
Owner—D. Righetti, 500 Eddy St., San
Francisco.
Architect—None.
Contractor—A. L. Thulin, 60 Brady St.,
San Francisco. \$4975
- DWELLING**
(600) W 16th Ave., 210' S Rivera. One-
story and basement frame.
Owner—Jas. A. Arnott, 633 Taraval St.
Architect—None.
Contractor—Jas. Arnott and Son, 633
Taraval St. \$5000
- ALTER STORE**
(601) SE O'Farrell & Mason. Altera-
tions to store.
Owner—T. W. Butcher, 666 Mission St.
Architect—None.
Contractor—A. H. Wilhelm, 666 Mission
St. \$1000
- APARTMENTS**
(602) NE 14th and Dolores.
Five story and basement reinforced con-
crete (29) apartments.
Owner—P. A. Braunworth, 3926 15th St.
Architect—A. H. Larsen, 447 Sutter St.
Contractor—G. P. W. Jensen, 320 Market
Street. \$74,000
- DWELLING**
(603) N Tingley 291'72" E Alemany.
1-story and basement frame.
Owner—Castle Bldg. Co., 839 Market St.
Architect—None.
Contractor—Henry Horn, 839 Market St.
\$4900
- DWELLING**
(604) NE Harvard & Pioche.
1-story and basement frame.
Owner—Miss Susan Dawson, 153 Randall
Street.
Architect—Thomas Bros., 112 Sansome
Street.
Contractor—Henry Erickson, 972 Cheney
Street. \$4500
- ALTERATIONS**
(605) 435 Powell St.
Remove present partitions.
Owner—Geo. Hansen, Whitecomb Hotel.
Architect—S. Heiman, 57 Post Street.
Contractor—Day work. \$2500
- DWELLINGS**
(606) S Chestnut 130' and 215' E Stock-
ton.
Two 1-story and basement frame dwel-
lings.
Owner—F. Michels, 27 Jules Place.
Architect—P. F. DeMartini, 948 Broad-
way.
Contractor—P. Garelli, San Mateo.
\$3000 each.
- ALTERATIONS**
(607) NE 5th and Bryant.
Alteration and remodeling stores.
Owner—B. W. Present & L. Worth, 119
Sutter Street.
Architect—J. I. Mitrovich, French Bank
Bldg.
Contractor—None. \$2900
- DWELLING**
(608) NW 25th Ave & Moraga.
1-story and basement frame dwelling.
Owner—Sunset District Bldg. Co.,
925 Irving St.
Architect—None.
Contractor—Day work. \$5000
- DWELLING**
(609) E Elmira 175' N Augusta.
1-story and basement frame dwelling.
Owner—F. X. Trembley, 170 Elmira St.
Architect—Designer—Wm. T. Hummer,
1379 Silver Ave.
Contractor—Day work. \$2000
- ADDITION**
(610) 1041 Market Street.
Erect additional story on class "C" bldg.
Owner—William Ede Co., Kohl Bldg.
Architect—William Knowles, 1214 Web-
ster St., Oakland.
Contractor—None. \$25,000
- ALTERATIONS**
(611) 1041 Market Street.
Alterations and remodeling department
store.
Owner—Weinstein Co., 1041 Market St.
Architect—William Knowles, 1214 Web-
ster St., Oakland.
Contractor—None. \$8000
- DWELLINGS**
(612) E BYXBEE 150 and 175 S Shields.
Two one-story and basement frame
dwellings.
Owner—W. S. Barron, Burlingame.
Architect—Pring & Lesswing, 605
Market St., San Francisco.
Contractor—H. H. Putman, 2508 Easton
Drive, Burlingame. \$4000 each
- DWELLINGS**
(613) W RALSTON 225 and 250 N
Shields. Two one-story and base-
ment frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—Pring & Lesswing, 605
Market St., San Francisco.
Contractor—H. H. Putman, 2508 Easton
Drive, Burlingame. \$4000 each
- DWELLING**
(614) W BYXBEE 75 N Sargent. One-
story and basement frame dwelling.
Owner—W. S. Barron, Burlingame.
Architect—Pring & Lesswing, 605
Market St., San Francisco.
Contractor—H. H. Putman, 2508 Easton
Drive, Burlingame. \$4000
- APARTMENTS**
(615) E BRODERICK 97-6 N Bush.
Three-story and basement frame (12)
apartments.
Owner—R. A. Crothers, 916 Kearny St.,
San Francisco.
Architect—None. \$24,000
- DWELLING**
(616) COR. ULLOA AND DORCHEST-
er. Two-story and basement frame
dwelling.
Owner—L. Fullerton, 307 Ulloa St., San
Francisco.
Architect—A. Nastovic, 367 17th St.,
Oakland. \$5000
- DWELLING**
(617) E POPE 200 S Brunswick. One-
story and basement frame dwelling.
Owner—Victor Holmgren, 5509 Mission
St., San Francisco.
Architect—None. \$4000
- DWELLINGS**
(618) W FOURTEENTH AVE 125, 150,
175, 200 and 225 S Ulloa. Five one
and one-half-story and basement
frame dwellings.
Owner—E. Karl, 800 Ulloa St., San Fran-
cisco.
Architect—None. \$4500 ea
- DWELLING**
(619) S TERESITA 153 W Reposa. One
story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000
- DWELLING**
(620) N TERESITA 138 W Arroyo. One-
story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000
- DWELLING**
(621) N TERESITA 66 W Reposa Way.
One-story and basement frame dwlg.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000
- DWELLINGS**
(622) N AGUA 256 and 289 E Chaves.
Two one-story and basement frame
dwellings.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000 each
- DWELLING**
(623) N TERESITA 104 W Arroyo. One-
story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive,
San Francisco.
Architect—None. \$4000
- APARTMENTS**
(624) N CALIFORNIA 35 W Twenty-
fifth Ave. Three-story and base-
ment frame (6) apartments.
Owner—J. E. O'Brien, 1851 Fulton St.,
San Francisco.
Architect—Owner. \$16,000
- DWELLING**
(625) E TWENTY-THIRD AVE 100 S
Lawton. One-story and basement
frame dwelling.
Owner—Arvid Peterson, 1620 8th Ave.,
San Francisco.
Architect—None. \$4000
- DWELLING**
(626) SE MOSCOW 200 NE France; 1-
story and basement frame dwelling.
Owner—Simonsen & Sells, 159 Seville
Ave., San Francisco.
Architect—None. \$4000
- DWELLING**
(627) NE HAZELWOOD AND LOS
Palmos. One-story and basement
frame dwelling.
Owner—Stoneson Bros., 279 Yerba Buena
Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$6000
- ALTERATIONS**
(628) NO. 152 WOOD ST. Alter and
remodel dwelling.
Owner—Joseph Zanetti, Premises.
Architect—L. Mastrospasqua, 580 Wash-
ington St., San Francisco. \$2200
- DWELLING**
(629) W LEDYARD 100 SE Silver Ave.
One-story and basement frame dwlg.
Owner—Manuel and Beatrice Zaragoza,
1659 Silver Ave., San Francisco.
Architect—None.
Contractor—William T. Hummer, 5811
Mission St., San Francisco. \$4000
- DWELLINGS**
(630) W RALSTON 100, 125, 150, 175 and
200 N Shields; five 1-story and base-
ment frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—Pring & Lesswing, 605 Market.
Contractor—H. H. Putman, 2508 Easton
dr. Burlingame. \$4000 ea.
- DWELLINGS**
(631) N IDORA 125, 156 and 187 E La-
guna Honda blvd.; three 1-story and
basement frame dwellings.
Owner—J. V. Campbell, 1072 Bryant st.
Architect—None. \$4000 ea.
- DWELLING**
(632) 85 ALLSTON Way; 1-story and
basement frame dwelling.
Owner—E. Christensen, 31 Waller st.
Architect—None.
Contractor—Nels Utoft, 67 Henry st.
\$4650
- DWELLING**
(633) N IDORA Ave. 249 E Laguna Hon-
da; 1-story and basement frame
dwelling.
Owner—J. V. Campbell, 1072 Bryant st.
Architect—None. \$4500
- DWELLING**
(634) W 26TH AVE. 100 N Santiago; 1-
story and basement frame dwelling.
Owner—Fred Campbell, 30 Crofton ave.
Architect—None. \$4000

WELLING

(35) N IDORA 218 E Laguna Honda
blvd.; 1-story and basement frame
dwelling.
Owner—J. V. Campbell, 1072 Bryant st.
Architect—None \$5000

TORE

(36) SW SAN BRUNO 75 SE Silliman;
1-story frame store bldg.
Owner—H. B. Feddersen, 454 34th ave.
Architect—None. \$5000

ALTERATIONS

(37) 1272-78 GREEN St; alter building.
Owner—G. C. Figue, 1235 Filbert st.
Architect—None.
Contractor—G. Segoli. \$2000

FLATS

(38) W 3RD ST. 200 S Bayview ave; 3-
story frame store and (2) flat bldg.
Owner—S. Heckert, 363 Raymond ave.
Architect—G. A. Berger, 309 Valencia st.
\$6000

WELLING

(39) W EDINBURGH 150 N France; 1-
story and basement frame dwelling.
Owner—Harder Bros., 870 39th ave.
Architect—None. \$4000

APARTMENTS

(40) W 19TH AVE. 208.6 S Lake st; 3-
story and basement frame (9) apts.
Owner—H. O. Lindeman, 619 27th ave.
Architect—None.
Contractor—W. R. Lindeman, 619 27th
ave. \$21,000

WELLINGS

(41) W NEBRASKA St. 205 and 230 N
Courtland ave; two 1-story and base-
ment frame dwellings.
Owner—R. E. Lawton, premises.
Architect—None. \$2650 each

WELLING

(42) NW MOSCOW 175 N France; 1-
story and basement frame dwelling.
Owner—John Magee, 1812 Silver ave.
Architect—None. \$3500

FLATS

(43) S PACIFIC 125 W Taylor; 2-story
and basement frame (2) flats.
Owner—A. Reinando, 71 Bernard st.
Architect—None. \$5000

UNDERPIN

(44) N SUTTER 137.6 W Stockton; un-
derpin bldg.
Owner—W. F. Sullivan, Alexander Bldg.
Architect—None.
Contractor—Lindgren & Swinerton, Inc.,
Standard Oil Bldg. \$1500

DWELLING

(45) W 39TH AVE. 100 S Irving st; 1-
story and basement frame dwelling.
Owner—N. Thompson, 2700 Anza st.
Architect—None.
Contractor—R. P. Hobbs, 818 Shrader
street. \$4000

DWELLING

(46) W DETROIT 25 N Flood; 1-story
and basement frame dwelling.
Owner—A. A. Wesendunk Jr., 1625 San
5 rooms each.
Architect—B. K. Dokowitz, 426 Monte-
rey blvd. \$3000

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
96	Fischer	Industrial	11979
97	Meares	Clare	3561
98	State	Calif.	1675
99	State	Musto	1613
100	Sutter	Back	10000
101	Sutter	Malott	8200
102	Sutter	Tittle	14000
103	Sutter	Latourrette	28810
104	Sutter	Michel	5000
105	Sutter	Fordeur	4000
106	Sutter	Fuller	2000
107	Braunwarth	Jensen	97200
108	Quast	Olson	16725
109	Hibernia	Herman	6450
110	Hibernia	McDonald	15000
111	Hibernia	Western	3648

BUILDING

(96) NE TENTH and Howard sts.; all
work on reinforced concrete building.
Owner—Mrs. Martha W. Fischer, 2100
Pacific ave., S. F.

Architect—Willis C. Lowe, 354 Hobart
st., Oakland.
Contractor—Industrial Construction Co.,
815 Bryant st., S. F.
Filed March 8, 1928. Dated March 6, 1928
1st day of each month.....75%
Usual 35 days25%
TOTAL COST \$119,979

Bond \$60,000; surety, Fidelity & Deposit
Co. of Md; limit, July 15; forfeit, \$50 day;
plans and spec. filed.

NOTE—This contract exclusive of
grading and removal of existing work
heretofore performed by Monson Bros.

ALTERATIONS

(97) 20 CULEBRA TERRACE, bet. Polk
and Larkin sts, off Lombard; altera-
tions and additions to 2-story frame
bldg.

Owner—James Meares, 20 Culebra.
Architect—Frank S. Holland, 137 9th ave.
Contractor—Jacob Clare and Henry Pet-
ersen, 538 Steiner st.

Filed March 10, 1928. Dated March 8, 1928
Roof on, rough plumbing in.....\$890
Plastered890
Completed890
Usual 35 days891

TOTAL COST \$3561
Bond \$1800; surety, Commercial Casualty
Ins Co; limit, 60 days; forfeit, \$5; plans
and spec. filed.

IRON WORK

(98) S MARKET ST. (No. 745); interior
ornamental iron work.
Owner—State Guarantee Corp., Financial
Center Bldg.

Architect—Albert F. Roller, 1st National
Bank Bldg.
Contractor—Calif. Artistic Metal & Wire
Co., 349 7th st.

Filed March 10, 1928. Dated March 7, 1928
1st of each month75%
Usual 35 days25%
TOTAL COST \$1875

Bond \$837.50; surety, National Surety Co;
limit, April 2; forfeit, none; plans and
spec. filed.

(99) FINISHED MARBLE WORK ON

above.
Contractor—Joseph Musto & Sons, Kee-
non Co., 535 North Point.

Filed March 10, 1928. Dated March 7, 1928
Payments same as above.
TOTAL COST \$2618

Bond \$2618; surety, U. S. Fidelity &
Guaranty Co; limit, April 2; forfeit, none;
plans and spec. filed.

HOTEL

(100) SE POWELL & SUTTER Sts. 138.5
on Powell 115.9 on Sutter; marble
work for 23-story basement and sub-
basement hotel.

Owner—Sutter-Powell Fealty Co., Finan-
cial Center Bldg.
Architect—Weeks & Day, 405 Montgom-
ery st.

Contractor—J. E. Back Co., Inc., 1533
San Bruno.
Filed March 10, 1928. Dated Jan. 27, 1928
15th of each month85%
36 days15%
TOTAL COST \$10,000

Bond, \$10,000; surety, Pacific Indem. Co;
limit, Sept. 1; forfeit, none; plans and
spec. filed.

(101) FLOOR AND WALL TILE ON

above.
Contractor—Malott & Peterson, 3221 20th.
Filed March 10, 1928 Dated Jan. 4, 1928
Payments same as above.

TOTAL COST \$8200
Bond \$8200; surety, Pac. Indemnity Co;
limit Sept. 25; forfeit, none; plans and
spec. filed.

(102) ELECTRICAL WIRING ON above.
Contractor—H. S. Tittle Co., 85 Columbia
Square.

Filed March 10, 1928. Dated Jan. 19, 1928
Payments same as above.

TOTAL COST \$14,000
Bond \$14,000; surety, Pac. Indem. Co;
limit Sept. 25; forfeit, none; plans and
spec. filed.

(103) PLUMBING, HEATING AND Ven-
tilating and boiler plant equipment
on above.

Contractor—Latourrette-Fical Co., 57
Clementina st.

Filed March 10, 1928. Dated Jan. 3, 1928
Payments same as above.

TOTAL COST \$38,810
Bond \$38,810; surety, Pac. Indem. Co;
limit, Oct. 1; forfeit, none; plans and
spec. filed.

(104) ORNAMENTAL IRON WORK ON
above.

Contractor—Michel & Pfeffer, Harrison
and 10th sts.
Filed March 10, 1928. Dated Jan. 9, 1928
Payments same as above.

TOTAL COST \$5000
Bond \$5000; surety Pacific Indem. Co;
limit, Sept. 1; forfeit, none; plans and
spec. filed.

(105) SHEET METAL AND SKYLIGHT

work on above.
Contractor—Fordeur Cornice Works, 263
Potrero ave.
Filed March 10, 1928. Dated Jan. 6, 1928
Payments same as above.

TOTAL COST \$4000
Bond \$4000; surety, Pacific Indem. Co;
limit, Sept. 1; forfeit, none; plans and
spec. filed.

(106) GLASS WORK ON ABOVE.

Contractor—W. P. Fuller & Co., 301 Mis-
sion st.
Filed March 10, 1928. Dated Jan. 23, 1928
Payments same as above.

TOTAL COST \$2000
Bond \$2000; surety, Pacific Indem. Co;
limit, Sept. 15; forfeit, none; plans and
spec. filed.

APARTMENTS

(107) NE 14TH & Dolores N 60 x E 90;
all work on 5-story and basement
class C steel frame and reinf. con-
crete apartment bldg.

Owner—P. A. Braunwarth, 3926 18th st.
Architect—Albert H. Larsen, 447 Sutter

Contractor—G. P. W. Jensen, 320 Market
street.

Filed March 12, 1928. Dated March 9, 1928
Steel frame up\$18,225
Enclosed and roof on18,225
Brown coated18,225
Completed18,225
Usual 35 days24,300

TOTAL COST \$97,200
Bond \$48,600; sureties, Hattie L. Jensen,
Geo. W. Hooper; limit, 120 days; forfeit,
none; plans and spec. filed.

APARTMENTS

(108) W NOE 156.9 1/2 S Market; all work
(except window shades, wall beds,
carpets, gas stoves and linoleum) for
2-story and base. frame apts.

Owner—Joseph and Mary Quast, San
Francisco.

Architect—None.
Contractor—C. O. Olson, 875 45th ave.

Filed March 12, 1928. Dated March 12, 1928
Roof sheathing on\$4181.25
Plastered4181.25
Completed4181.25
Usual 35 days4181.25

TOTAL COST \$16,725
Bond, forfeit, none; limit 120 days; plans
and spec. filed.

BANK

(109) NW MISSION & Norton W 50 x
N 100; vault work for bank bldg.

Owner—Hibernia Savings and Loan Soc.,
San Francisco.

Architect—Arthur Brown, Jr., S. F.
Contractor—Hermann Safe Co., S. F.

Filed March 14, 1928. Dated Mar. 12, 1928
Vestibules and doors delivered.....\$3225.00
Completed and accepted1612.50
Usual 35 days1612.50

TOTAL COST \$6450
Bond \$3225; surety, Fidelity & Deposit
Co; limit, without delay; forfeit, \$10;
plans and spec. filed.

(110) MASON, CONCRETE & BRICK

work etc., on above.

Contractor—McDonald & Kahn, S. F.
Filed March 14, 1928. Dated Mar. 12, 1928

Excavating done, concrete foot-
ing in place\$1000
All concrete done except base-
ment floor5700
All brick work done3650
Completed900
Usual 35 daysBal.

TOTAL COST \$15,000
Bond \$15,000; surety, Fidelity & Deposit
Co; limit, 75 days; forfeit, \$10; plans
and spec. filed.

(111) FURNISHING, TRANSPORTING,
and erecting steel work on above.

Contractor—Western Iron Works, S. F.
Filed Mar. 14, 1928. Dated Mar. 12, 1928

All steel delivered\$2000
Completed and accepted736
Usual 35 days912

TOTAL COST \$2648
Bond, \$3648; surety, New Amsterdam
Casualty Co; limit, 45 days; forfeit, none;
plans and spec. filed.

March 8, 1928—N W 21ST AVE & Clementine W 32.6 x N 100. Western Concrete Co vs T R Belmont, Helen M Belmont, Lawrence Costello.....\$359.60

March 10, 1928—W DETROIT 50 N Staples Ave N 37-6x100. E M Hundley vs Mrs. Pauline Zemanek and M C Ingraham.....\$64.30

March 10, 1928—W DETROIT 50 N Staples Ave N 37-6xW 100. Art Tile & Mantel Co, consisting of Chester A McGowan, Oscar H Anderson & W T Koualkowski, \$111.75; Smith Lumber Co of San Francisco, \$310.93 vs Stephen Zemanek and Pauline and M C Ingraham.....\$10

March 10, 1928—W DETROIT 50 N Staples Ave N 37-6xW 100 being Ptn Bk 29, Sunnyside Addition. R H Holmes and Leonard Jacobson (as Holmes & Jacobson) vs Pauline Zemanek and M C Ingraham.....\$13

March 10, 1928—W DETROIT 50 N Staples Ave N 37-6xW 100. W P Fuller & Co vs Stephen and Pauline Zemanek and M C Ingraham.....\$160.40

March 10, 1928—NW FELL AND Steiner N alg W Steiner 96-3 W 110 N 41-3 W 27-6 S 137-6 to N Fell E 137-6 to W Steiner and pt of beg. E M Hundley vs Mrs. L Broniscoe and Theo N Sampson.....\$14

March 10, 1928—NW FELL AND Steiner N alg W Steiner 96-3 W 110 N 41-3 W 27-6 S 137-6 to N Fell E alg N Fell 137-6 to beg Ptn W 379. Otto Zechlin vs Mrs. L Broniscoe.....\$17

March 10, 1928—LOTS 42 AND 43 BLK 1168 Assessor's Map on S McAllister bet Arguello Blvd and Willard St and having frontage of 50 on McAllister by 137-6 deep known as 2743-2745 McAllister St. A R Inglis and J A Westrup (as Inglis & Westrup) vs Thomas A McDonald Jr.....\$431.70

March 10, 1928—LOTS 42 AND 43 BLK 1168 Assessor's Map on S McAllister bet Arguello Blvd and Willard St and having frontage of 50 on McAllister by 137-6 deep known as 2743-2745 McAllister St. J H McCallum vs Thomas A McDonald Jr, A R Inglis and J A Westrup (as Inglis & Westrup).....\$160.50

March 10, 1928—S FILBERT 197-6 W Larkin th at right angles 105.9 S th from said last mentioned pt 37-24 SE direction th at right angles 40.74 th at right angles 137-6 N th at r a 60 W to beg being Lot 31 Blk 525 formerly Blk 25 Wa per Assessor's Map known as 1335 Filbert St. S D Klugman vs Alice F Livesay.....\$17

March 8, 1928—N JEFFERSON 106.3 W Scott N part with W Scott 159.4 x W 100. Erick Strom, Knut Smith as Strom & Smith vs R E Romano.....\$621.40

March 8, 1928—1562 VALLEJO, W S Dickey Clay Mig Co vs L R Passe, Enterprise Oil Burner Co & Geo F McLean.....\$32.60

March 13, 1928—106-3 W SCOTT W alg Jefferson 100 x N 159.4 John Pellegrini as Progressive Tile & Mantel Co vs R E Romano.....\$401.00

March 17, 1928—E 40TH AVE 125 S Judah 25 x 120 1422 40th ave. Fred Vollers vs Mr Reed and J Rossini.....\$22.50

March 13, 1928—E 40TH AVE 125 S Judah 25 x 120. Angelo Lorenzi vs Mr. Reed and J Rossini.....\$10.50

March 13, 1928—E 40TH AVE 100 S Judah 25 x 120 Angelo Lorenzi vs Mr Reed and J Rossini.....\$10.50

March 13, 1928—W 39TH AVE 375 S Judah 25 x 120. Fred Vollers vs H Doelger and J Rossini.....\$23

March 13, 1928—W 39TH AVE 325 S Judah 25 x 120 No 1455 39th ave. Fred Vollers vs H Doelger, J Rossini.....\$23

March 13, 1928—W 39TH AVE 300 S Judah 25 x 120 No 1463 39th ave. Fred Vollers vs H Doelger, J Rossini.....\$21.50

March 13, 1928—W 39TH AVE 300 S Judah 25 x 120 No 1451 39th ave. Fred Vollers vs H Doelger, J Rossini.....\$23

March 13, 1928—E 40TH AVE 100 S Judah 25 x 120. No 1418 40th ave Fred Vollers vs Mr Reed, J Rossini.....\$24.90

March 12, 1928—N GREEN 150 E Van Ness ave. E 35 x N 125. Severin Elec Co vs Wm D and P L Shea.....\$1721.61

March 12, 1928—S PINE 92 E Stockton E alg Pine 25.6 x S 80 lot 21 blk 271 Joseph M Brewer or Joe Brewer. vs C V Lacey, Lacey Invest. Co, William R Bethel or W R Bethel.....\$109

March 12, 1928—SW WALLER & Alpine Terrace N alg Waller 59.04 x S 75 ptn W A 521. B Rosenberg vs J E Ramond.....\$623

March 12, 1928—N FILBERT 100 E Van Ness ave E 85 N 148 W 58 S 48 W 27.6 S 100. Robert S Housel

vs E V Lacey, Lacey Inv Co. Wm R
or W R Bethel. \$235.25
March 12, 1928—S PINE 92 E Stock-
ton E 25.6 x S 81. Robert S Housel
to E V Lacey, Lacey Inv Co. \$102.25
March 12, 1928—N FILBERT 100 E
Van Ness ave E 85 N 148 W 58, S 48
W 27.6 S 100. Joseph M Brewer vs
E V Lacey, Lacey Inv Co. Wm R
Bethel. \$257
March 13, 1928—W 12TH AVE 25 N
Irving N 25 x W 90. John Gernetti
vs Max Breitman, A J Cavaney, Do-
mestic Engineering Corp. \$418
March 13, 1928—70 S CORTLAND AV
S and parl with W Anderson S 23.3
x W 70. W B Jefferson as Greater
City Lumber Co. vs Tomaso and Lina
Fonzo and C Perri. \$152.40
March 13, 1928—W FOLSOM 150 S Pow-
hattan S 25 x W 70. Joseph A San-
guinetti vs Al Schmid. \$87.50

RELEASE OF LIENS

San Francisco County

Recorded Amount:
March 9, 1928—SE CAINE AVE 275 NE
Lakeview ave th alg SE Caine ave
25 x SE 100 lot 5 25 x 100, lot 43 blk
J Columbia Hgts tct. Henry Ernst
& Sons to E L Phelps, Walter J and
Monona Renz.
March 8, 1928—LOTS 43 & 44 BLK 2
Heyman tct. Heyman Bros to Ettore
Maberto.
March 7, 1928—W 35TH AVE 200 N
Judah N 200 x W 120. E 36th ave 100
N Judah N 200 x E 120. P Montague
to L E Manseau and E A and E H
Neumarkel.
March 7, 1928—W HARTFORD 220 N
20th N 27.6 x W 125. James a Jen-
kins, Wm H Gross to John A and
Eva Speckman.
March 13, 1928—E GAMBIER 125 N
Silliman N 25 x E 95. Excelsior Hdw
Co to Thomas and Emma Garfield....
March 12, 1928—SW CALIFORNIA &
Divisadero S 52.6 x W 110. H R Cin-
namond to Paul H Pape.
March 12, 1928—333 CONGO ST. H R

BUILDING PERMIT
APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
529	Hackson	Owner	2500
530	Keesebaum	Smith	4050
531	Snyder	Snyder	3500
532	Tellers	Owner	4000
533	Wood	Connor	1000
534	Amati	Owner	1250
535	Aitchison	Owner	5000
536	Blanco	Owner	1000
537	Gerhardt	Owner	3400
538	Idora	Owner	6000
539	Orton	Owner	3250
540	Sigwald	Owner	2525
541	Sigwald	Owner	3155
542	Hooper	Hooper	4500
543	Judson	Paige	22
544	Nardstrum	Owner	6000
545	Sacmiell	Owner	9800
546	Switzer	Pearson	1400
547	Woodburn	Owner	9380
548	Aldin	Platz	1000
549	Cederborg	Owner	3350
550	Dashiell	Owner	3000
551	East	Spivock	15000
552	Johnson	Johnson	3000
553	Johnson	Johnson	3000
554	Orton	Owner	4300
555	Stillwaugh	Owner	1000
556	Sims	Owner	4000
557	Quinte	Owner	1500
558	Diestal	Owner	41000
559	Du Brutz	Wagner	1000
560	Georgian	Lloyd	2000
561	Horton	Owner	3000
562	Santa Fe	Siegrist	1000
563	Blanks	Thornburg	7000
564	Fisher	Owner	5000
565	Landgrebe	Owner	5750
566	Conigle	Pacific	5000
567	Cereghina	Leonardi	3000
569	Corlier	Jacobs	6500
570	Delta	Christensen	4500
571	Winnie	Owner	1000
572	Kaelin	Viriden	5000
573	Kennedy	Bay City	8000
574	Malino	Davis	1000
575	Matthiesen	Owner	1100
576	Neilsen	Marshall	8000
577	Sconyers	Owner	35000
578	Hughes	Owner	3000

579	Pollard	Owner	7000
580	Philadelphia	Owner	1800
581	Thorsen	Owner	3000
582	Bothole	Buckland	2500
583	Bothole	Buckland	2500
584	Klaes	Anderson	3025
585	Klaes	Anderson	3035
586	Waldman	Owner	2700
587	Board	Bryant	10000
588	Murphy	Owner	5500
589	Snyder	Beckett	5500
590	Abrahams	Moe	1500
591	Groom	Trippell	22250
592	Harker	Owner	3000
593	Kennedy	Lyon	1500
594	McCorkle	Owner	8200
595	Peppin	Owner	3950
596	Peppin	Owner	2950
597	Pressler	Owner	2700
598	Rischmuller	Bay	1500
599	Rusting	Burchey	1500
600	Perry	Lyons	10000

RESIDENCE
(529) NO. 1490 ACTON ST., Berkeley.
One-story 5-room 1-family residence.
Owner—Charles Hackson, 1391 Rose St.,
Berkeley.
Architect—None. \$2500

RESIDENCE
(530) NO. 73 MENLO PLACE, Berkeley
One-story 5-room 1-family residence
and garage.
Owner—Mr. Kessebaum.
Architect—J. Hudson Thomas, Mercan-
tile Bank Bldg., Berkeley.
Contractor—J. Harry Smith, 677 Santa
Barbara Road, Berkeley. \$4050

RESIDENCE
(531) NO. 1610 CORNELL AVE., Ber-
keley. One-story 6-room 1-family
residence.
Owner—Evelyn Snyder, 935 Polk St.,
Albany.
Architect—Pau Snyder, 935 Polk St.,
Albany.
Contractor—E. K. Snyder, 935 Polk St.,
Albany. \$3500

RESIDENCE
(532) NO. 1185 ARCH ST., Berkeley.
One-story 5-room 1-family residence.
Owner—M. R. Tellers, 5816 Adiline St.,
Oakland.
Architect—M. W. Crocker, 1332 Portland
Ave., Berkeley. \$4000

ALTERATIONS
(532) NO. 73 PLAZA DRIVE, Berkeley.
Alterations.
Owner—Mr. Wood.
Architect—None.
Contractor—Connor & Connor, 1733 Fran-
cisco St., Berkeley. \$1000

ALTERATIONS
(534) 621 ALCATRAZ Ave., Oakland; al-
terations.
Owner—Joseph Amati, 621 Alcatraz ave.,
Oakland.
Architect—None. \$1250

DWELLING
(535) S FUENA VISTA 150 E Acacia
ave., Oakland; 1-story 6-room dwell-
ing.
Owner—Gordon Aitchison, 612 Taylor ave.,
Alameda.
Architect—None. \$5000

ALTERATIONS
(536) 2609 E-14TH ST., Oakland; altera-
tions.
Owner—R. J. Blanco, 2600 E-14th st.
Architect—None. \$1000

DWELLING
(537) 2457 34TH AVE., Oakland; 1-story
6-room dwelling and garage.
Owner—M. Gerhardt, 2457 34th ave.
Architect—None. \$2400

ALTERATIONS
(538) W TELEGRAPH AVE. (Idora Park)
alterations and repairs.
Owner—Idora Park, premises.
Architect—Hamilton Murdock, Syndicate
Bldg., Oakland. \$6000

DWELLING
(539) 7321 HOLLY St., Oakland; 1-story
5-room dwelling and garage.
Owner—A. E. Orton Master Bldrs., 5748
E-14th st., Oakland.
Architect—None. \$3250

DWELLING
(540) 2867 MORGAN AVE., Oakland; 1-
story 4-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave.,
Oakland.
Architect—None. \$2525

DWELLING
(541) 2864 MORGAN Ave., Oakland; 1-
story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave.,
Oakland.
Architect—None. \$3125

RESIDENCE
(542) 673 SANTA ROSA Ave., Berkeley;
1½-story 7-room residence.
Owner—Dorothy Hooper, 732 Cragmont,
Berkeley.
Architect—None.
Contractor—W. H. Hooper. \$4500

RESIDENCE
(543) 141 REQUA Rd., Piedmont; 2-story
10-room frame residence and garage.
Owner—O. M. Judson, 583 Spruce st.,
Oakland.
Architect—Williams & Wastell, 374 17th
st., Oakland.
Contractor—Harold L. Paige, 5844 College
ave., Oakland. \$22,500

RESIDENCE
(544) 15 NACE St., Piedmont; 1-story 6-
room frame residence and garage.
Owner—David Nordstrom, 4116 Emerald
St., Oakland.
Architect—B. R. Hardman, 1st National
Bank Bldg., Berkeley. \$6000

RESIDENCE
(545) 322 PACIFIC Ave., Piedmont; 2-
story 9-room frame residence and gar-
age.
Owner—J. W. Scammell, 924 Scenic ave.,
Piedmont.
Architect—None. \$8500

ALTERATIONS
(546) 69 MENLO Place, Berkeley; altera-
tions.
Owner—Mrs. Switzer.
Architect—None.
Contractor—G. A. Pearson, 1906 Berry-
man st., Berkeley. \$1400

RESIDENCE
(547) 119 WALDO Ave., Piedmont; 2-
story 8-room frame residence and gar-
age.
Owner—P. E. Woodburn, 624 Prospect
ave., Oakland.
Architect—None. \$9950

GARAGE
(548) 570 ATHOL Ave., Oakland; 1-story
garage.
Owner—Mrs. Aldin, 570 Mountain blvd.,
Oakland.
Architect—None.
Contractor—Henry C. Plotz, 2812 19th
ave., Oakland. \$1000

DWELLING
(549) N-21ST. ST. 685 W Stuart st., Oak-
land; 1-story 6-room dwelling.
Owner—A. Cederborg, 1455 Excelsior ave.,
Oakland.
Architect—None. \$3950

DWELLING
(550) 4526 PAMPAS Ave., Oakland; 1-
5-room dwelling.
Owner—E. L. Dashiell.
Architect—None. \$3000

WAREHOUSE
(551) SE 24TH & PERALTA STs., Oak-
land; 2-story brick warehouse.
Owner—East Bay Iron & Metal Co.
Architect—None.
Contractor—Spivock & Spivock, 582 Mar-
ket st., Oakland. \$15,000

DWELLING
(552) 1819 78TH Ave., Oakland; 1-story
5-room dwelling.
Owner—E. Johnson, 223 Greenbank ave.,
Piedmont.
Architect—None.
Contractor—L. Johnson & Son, 223 Green-
bank ave., Piedmont. \$3000

DWELLING
(553) 7811 ARTHUR St., Oakland; 1-story
5-room dwelling.
Owner—E. Johnson, 223 Greenbank ave.,
Piedmont.
Architect—None.
Contractor—L. Johnson & Son, 223 Green-
bank ave., Piedmont. \$3000

DWELLING
(554) 6228 MAJESTIC Ave., Oakland;
1-story 5-room dwelling and garage.
Owner—A. E. Orton Master Bldrs., 5748
E-14th st., Oakland.
Architect—None. \$4300

DWELLING

(555) E HIGH St. 44 S Redding, Oakland;
1-story 4-room dwelling.
Owner—J. P. Stillwaugh, 3474 High st.,
Oakland.
Architect—None. \$1000

DWELLING

(556) 3253 WYMAN Ave., Oakland; 1-
story 5-room dwelling.
Owner—Wm. H. Sims, 1910 4th ave.,
Oakland.
Architect—None. \$4000

ALTERATIONS

(557) 2604 FRUITVALE Ave., Oakland;
alterations.
Owner—S. Quinte, 2625 Prentiss pl., Oak-
land.
Architect—None. \$1500

WAREHOUSE

(558) NW FORTY-SIXTH AND SHAT-
tuck Ave., Oakland. Five-story con-
crete warehouse.
Owner—John Diestel, 1107 Hearst Bldg.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco. \$41,000

ALTERATIONS

(559) NE TENTH AND WASHINGTON,
Oakland. Alterations.
Owner—F. V. DuBrutz, 1208 Jefferson
St., Oakland.
Architect—None.
Contractor—Geo. Wagner, 181 South Park
San Francisco. \$1000

SHOP

(560) NO. 4252 BROADWAY, Oakland.
One-story shop.
Owner—Chas. Gorrigan, Oakland.
Architect—None.
Contractor—J. A. Lloyd, 4015 Maple Ave.,
Oakland. \$2600

DWELLING

(561) NO. 181 TAURUS AVE., Oakland.
One-story 4-room dwelling.
Owner—W. E. Horton, Premises.
Architect—None. \$3000

ROUNDOUSE

(562) NORTH END of 8th st., Alameda;
1-story 5-room engine roundhouse,
corrugated iron.
Owner—A. T. & Santa Fe Ry., Alameda
Belt Line Ry., 1001 3rd st., San Fran-
cisco.
Architect—None.
Contractor—F. R. Siegrist, 693 Mission st.,
S. F. \$10,000

RESIDENCE

(563) 845 CONTRA COSTA Rd., Berkeley;
2-story 7-room residence.
Owner—Dr. Blanks.
Architect—A. Herberger, Athens Athletic
Club, Oakland.
Contractor—Jack Thornburg, Thornburg
Village, Berkeley. \$700

DWELLING

(564) 1602-04-08 PACIFIC Ave., Alameda;
1-story 4-room duplex dwelling, stucco
finish.
Owner—L. F. Fischer, 1617 Hibbard st.,
Alameda.
Architect—None. \$5000

DWELLING

(565) 1711 MORELAND Dr., Alameda;
1-story 7-room dwelling, stucco fin-
ish.
Owner—W. W. Landgrebe, 3014 57th ave.,
Oakland.
Architect—None. \$5750

DWELLING

(566) N CARRILLO Ave., 210 N Granada
ave., Oakland; 1-story 6-room dwell-
ing.
Owner—Geo. W. Congille.
Architect—None.
Contractor—Pacific Builders Co., Inc.,
1745 E-12th st., Oakland. \$5000

DWELLING

(567) 9815 HOLLY St., Oakland; 1-story
5-room dwelling.
Owner—A. Cereghino, 1616 96th ave., Oak-
land.
Architect—None.
Contractor—F. J. Leonardi, 1462 86th ave.,
Oakland. \$2000

DWELLING

(568) S CAVANAUGH Rd. 600 E Norwood
pl., Oakland; 1-story 6-room dwell-
ing.
Owner—Frank Carr, 2827 62nd ave., Oak-
land.
Architect—None. \$6000

DWELLING

(569) W BENEVIDES Ave. 200 N 421 Cen-
tro, Oakland; 1-story 6-room dwell-
ing.
Owner—J. J. Collier.
Architect—A. W. Smith, American Bank
Bldg., Oakland.
Contractor—Jacobs & Pattiani, 1737 Web-
ster st., Oakland. \$6500

FRATERNITY HOUSE

(570) 2127 WARRING St., Berkeley; 3-
story 30-room fraternity house.
Owner—Delta Upsilon House Assn. Amer-
ican Bank Bldg., Oakland.
Architect—Lester Hibbert, Los Angeles.
Contractor—H. F. Christensen, 519 Ray
Bldg., Oakland. \$45,000

ADDITION

(571) 1256 60th Ave., Oakland; addition.
Owner—John Finnie, 1256 60th ave.
Architect—None. \$1000

ALTERATIONS

(572) 300 CLAY St., Oakland, alterations.
Owner—J. R. Kaelin.
Architect—None.
Contractor—Virden Packing Corp., South
San Francisco. \$5000

STORES

(573) NW 16TH & Market sts., Oakland;
1-story 4-room concrete stores.
Owner—H. G. Kennedy.
Architect—None.
Contractor—Bay City Corporation, 337
17th st., Oakland. \$8000

ALTERATIONS

(574) 482 43RD ST., Oakland; alterations.
Owner—M. Molino, 482 43rd st.
Architect—None.
Contractor—L. J. Davis, 121 Monte Vista
ave., Oakland. \$1000

ALTERATIONS

(575) 2122 7TH AVE., Oakland; altera-
tions.
Owner—C. Matthiesen, 2122 7th ave.
Architect—None. \$1100

STORES

(576) NW LYDIA & West Sts., Oakland;
1-story brick and tile stores.
Owner—E. G. Neilsen.
Architect—None.
Contractor—W. C. Marshall, 1725 Web-
ster st., Oakland. \$8000

APARTMENTS

(577) 1616 35TH AVE., Oakland; 3-story
48-room apartments.
Owner—Geo. F. Sconyers, 2759 77th ave.,
Oakland.
Architect—None. \$35,000

RESIDENCE

(578) NO. 1690 SACRAMENTO ST., Ber-
keley. One-story 5-room 1-family
residence.
Owner—Hughes & Beach, 902 Washing-
ton St., Oakland.
Architect—None. \$3000

RESIDENCES

(579) NO. 1412-1414 ACTON ST., Ber-
keley. Two one-story 8-room 2-
family residences.
Owner—A. J. Pollard, 77 Plaza Drive,
Berkeley.
Architect—None. \$3500 each

STOREROOM

(580) NO. 825 GRAYSON ST., Berkeley
One-story 1-room storeroom.
Owner—Philadelphia Quarts Co.
Architect—None. \$1800

RESIDENCE

(581) NO. 1225 FRANCISCO ST., Ber-
keley. One-story 5-room 1-family
residence.
Owner—B. A. Thorsen, 1417 Palou Ave.,
San Francisco.
Architect—L. L. Linsen, 1213 Francisco St.,
Berkeley. \$3000

DWELLING

(582) 6009 OUTLOOK Ave., Oakland; 1-
story 5-room dwelling.
Owner—F. Bothole, 4409 Brookdale ave.
Architect—None.
Contractor—N. J. Buckland, 1815 66th
ave., Oakland. \$2500

DWELLING

(583) 6019 OUTLOOK Ave., Oakland; 1-
story 5-room dwelling.
Owner—F. Bothole, 4409 Brookdale ave.
Architect—None.
Contractor—N. J. Buckland, 1815 66th
ave., Oakland. \$2500

DWELLING

(584) 6015 OUTLOOK Ave., Oakland; 1-
story 5-room dwelling.
Owner—F. Bothole.
Architect—None.
Contractor—N. J. Buckland, 1815 66th
ave., Oakland. \$2000

DWELLING

(585) E 76TH AVE. 240 S Foothill blvd.,
Oakland; 1-story 5-room dwelling and
garage.
Owner—William Klaes, 2759 77th ave.,
Oakland.
Architect—None.
Contractor—Chas. Anderson, 2142 25th
ave., Oakland. \$3025

DWELLING

(586) E MAJESTIC Ave. 76 S Outlook,
Oakland; 1-story 4-room dwelling &
garage.
Owner—A. E. Waldman, 386 15th st.,
Oakland.
Architect—None. \$2700

REPAIRS

(587) 800 MAGNOLIA Ave., Piedmont;
fire repairs on high school.
Owner—Board of Education, 800 Mag-
nolia ave.
Architect—None.
Contractor—J. A. Bryant, Ray Bldg.,
Oakland. \$10,000

RESIDENCE

(588) 1322 MILVIA, Berkeley; 1-story 6-
room residence and garage.
Owner—H. P. Murphy, 1321 Milvia.
Architect—Thos. Rowe, 2821 Shattuck ave.,
Berkeley. \$5500

RESIDENCE

(589) 160 TAMALPIAS Rd., Berkeley;
1 1/2-story 5-room residence.
Owner—E. L. Snyder, 2519 Cedar st.,
Berkeley.
Architect—None.
Contractor—Beckett & Wight, 624 Scenic
ave., Piedmont. \$5500

MARQUEE

(590) SE 13TH & Clay sts., Oakland;
marquee.
Owner—J. L. Abrams, 13th and Clay sts.
Architect—E. W. Canon.
Contractor—H. A. Moe, 2116 Allendale
ave., Oakland. \$1500

DWELLINGS

(591) 4707-15-21-27-33 ALLENDALE Ave.,
Oakland; five 1-story 6-room dwell-
ings and garages.
Owner—S. F. Groom, 1652 100th ave.,
Oakland.
Architect—None.
Contractor—Carl Trippell, 1652 100th ave.,
Oakland. \$4250 each

DWELLING

(592) NE 105th AVE. and Birch st., Oak-
land; 1-story 5-room dwelling.
Owner—R. H. Harker, 4028 Bayo st.,
Oakland.
Architect—None. \$3000

DWELLING

(593) 2026 57TH AVE. (rear) Oakland;
1-story 2-room dwelling and garage.
Owner—Thos. A. Kennedy, 2026 57th ave.,
Oakland.
Architect—None.
Contractor—Chas. D. Lyon, 6500 Outlook
ave., Oakland. \$1500

DWELLING

(594) 951 HILLCROFT Circle, Oakland;
2-story 8-room dwelling and garage.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, RenoSACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Owner—J. F. McCorkle, 3600 Lakeshore ave., Oakland.
Architect—None. \$820

DWELLING
(595) 2626 56TH AVE., Oakland; 1-story 5-room dwelling and garage.
Owner—J. B. Peppin, 1736 Franklin st., Oakland.
Architect—None. \$3950

DWELLING
(596) 2627 56TH AVE., Oakland; 1-story 5-room dwelling and garage.
Owner—J. B. Peppin, 1736 Franklin st., Oakland.
Architect—None. \$3950

DWELLING
(597) 4330 MASTERSON ST., Oakland; 1-story 4-room dwelling.
Owner—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—None. \$2700

ADDITION
(598) W SUNSHINE COURT, 600 N E 14th st., Oakland; Addition.
Owner—Geo. Rischmuller, 473 Jean st., Oakland.
Architect—None
Contractor—Bay City Corporation, 337 17th st., Oakland. \$1500

ALTERATIONS
(599) 5027 E 14th ST., Oakland, Alterations.
Owner—Frank Rusting, 634 Russell Ave., Berkeley.
Architect—None.
Contractor—V. E. Burchey, 1137 E 14th street, Oakland. \$1500

RESIDENCE
(600) 160 SOUTH HAMPTON ROAD, 2-story, 10-room, family residence, (stucco)
Owner—R. Perry, 1530 Euclid Ave., Berkeley.
Architect—None.
Contractor—W. E. Lyons, 354 Hobart street, Oakland. \$10,000

BUILDING CONTRACTS

Alameda County

81 Barton	Webb	6210
82 Langley	Chicago	3675

RESIDENCE
(81) LOT 4 BLK C, Castro Valley Gardens, Eden twp; all work on residence.
Owner—Harrie H. and Mary E. Barton, 227 John st., Oakland.
Architect—None.
Contractor—Webb & Whalin, 2930 22nd ave., Oakland.
Filed March 8, 1928. Dated March 8, 1928
Roof on\$1552.50
Plastered 1552.50
Completed 1552.50
Usual 35 days 1552.50
TOTAL COST \$6210

Bond, forfeit, none; limit 90 days; plans and spec. filed.

WAREHOUSE
(82) SW NINTH & Castro sts., Oakland; installing steel tank and tank tower on 3-story and base. reinf. concrete bldg.
Owner—Langley & Michaels Co., 7th and Bay, Oakland.
Architect—Henry H. Meyers, 1172 61st ave., Oakland.
Contractor—Chicago Bridge & Iron Wks., San Francisco.
Filed March 13, 1928. Dated Feb. 15, 1928
7th of each month75%
36 days after completion25%
TOTAL COST \$3675
Bond, \$1837.50; surety, Fidelity and Casualty Co of N. Y.; limit, 75 days; forfeit, \$20 per day; plans and spec. filed.

COMPLETION NOTICES

Alameda County

March 8, 1928—LOTS 12 AND 13 BLK 198. Kellersberger's Map of Oakland. Lillian Sparks Fuller and R E Sparks to F A Muller.....Feb. 25, 1928
Mar. 8, 1928—LOT 8 BLK 4, Resub of Arlington Heights, Berkeley. Kenneth and Mrs. Kenneth Street to J W Monroe.....Feb. 23, 1928
March 7, 1928—LOT 18 BLK 6 Northbrae Station tct, Berkeley, E A Laurin to G A Pearson.....March 7, 1928
March 7, 1928—1063 GLENDORA AV., Oakland. Mrs J S Pike to C H Campbell.
March 7, 1928—LOT 252 AND PTN lot 251 Unit No 2 Avenue Terrace Oakland. Rudolph H Biermann to Karl Trippell.....Feb. 29, 1928
March 7, 1928—351 WEST BROADmoor blvd, San Leandro, Eli A Anderson to V E Anderson.....March 7, 1928

March 7, 1928—1030 MANDANA BLVD Oakland. Mrs Anna Armer to Wiley T Vaughn.....March 6, 1928
March 7, 1928—927 HILLCROFT Circle Oakland. John H Davis to J L Davis.....Feb. 28, 1928

March 9, 1928—LOT 26 BLK A, Durant Manor, Oakland. Margaret Shipman to whom it may concern. March 1, 1928
March 9, 1928—LOT 4 & W 10 LOT 3 blk 34, map of Livermore. J C Kelly to S Bothwell & Son.....Feb. 29, 1928
March 9, 1928—LOT 16 BLK 4, Lakemont, Oakland. Cecelie L Avan to Charles E. Bardwell.....March 8, 1928
March 9, 1928—ALAMEDA AND Berkeley. Southern Pac Co to Hutchinson Co Inc.....Feb. 29, 1928
March 9, 1928—ALAMEDA AND Oakland. Southern Pac Co. to Hutchinson Co Inc.....Feb. 29, 1928
March 8, 1928—LOT 114, Lakeshore Manor, Oakland. Adele Elfstrum to Hugh E. Williams.....March 8, 1928
March 12, 1928—2510 ACTON ST, Berkeley. E O Dryer to Ralph E Norris.....March 10, 1928

March 10, 1928—PTN LOT 148, Lakeshore Highlands, Oakland. Walter H and Carolyn L Eliassen to Thos F L Furlong.....March 10, 1928
March 10, 1928—NO. 2573 BUENA Vista Way, Berkeley. W I and Florence Garren to whom it may concern.....March 5, 1927
March 10, 1928—LOT 12 BLK 7, Key Route Terrace No. 2, Albany. C L Young to whom it may concern.....March 9, 1926
March 10, 1928—SUBEET, Solano County. Southern Pacific Co to E E Dias.....March 3, 1928
March 10, 1928—PTN LOT 8 BLK 1, Shaw Tract, Berkeley. Lucile and Gilbert H Vicars to S C Briscoe.....March 6, 1928
March 10, 1928—LOTS 3 AND 4 BLK Y, Amended Map Regents Park, Berkeley. O A Burnett to whom it may concern.....March 10, 1928
March 13, 1928—NE MAIN & B STS, Hayward. Bank of Italy Nat Trust — Svgs Assn to George Petersen.....March 3, 1928

LIENS FILED

Alameda County

Recorded	Amount
March 8, 1928—PTN SUB NO 1 Survey No 824 of Henry C Lees Esq 100 Acre tct, Oakland twp. L F Witharn vs H E and Mary E Clark.....\$204.36	
March 8, 1928—2208 ROSE ST., Berkeley. C C Luis vs J J Geary, G F Dowling and Peter Jacobs.....\$34	

March 8, 1928—2210 ROSE ST, Berkeley. C C Luis vs J J Geary, G F Dowling & Peter Jacobs.....\$34
March 8, 1928—915 REGAL RD, Berkeley. Redwood Mfg Co vs L B Waugh, P E Waugh.....\$184.68
March 8, 1928—SW EAST 14TH ST and Garcia ave, San Leandro. M & S Tile Co vs A C Ostrom.....\$131.78
March 8, 1928—LOT 1 BLK 957-D, Evoy tct, Oakland. J C Hopkins vs Henderson Davis, Elizabeth Simms.....\$53.75

March 7, 1928—LOTS 5 & 7 BLK E, Mulford Gardens Unit 1. W F Hamblin vs Frank M and Minna Prothero.....\$152
March 7, 1928—LOT 85 & PTN LOT 84 Dutton Manor, San Leandro. M A Lopes (Central Bldg Material Co) vs F J and Hazel S Anderson.....\$189.20
March 7, 1928—PTN LOTS 3 & 9 Lawton Ave Tct, Oakland. Jas A Davis Co vs Salvatore Toschi, E Evangelisti.....\$172.22

March 7, 1928—LOT 207 BERKELEY View Terrace, Berkeley. Sunset Lumber Co vs Peter Nelson.....\$1187.98
March 7, 1928—LOT 37 PTN LOT 38 blk A map of Teachers Tct, Berkeley. H. Brown vs C & M Avcneaux.....\$262.75

March 7, 1928—PTN LOTS 27 & 29, all lot 28 blk 24—2 sub Smith Sub Mathews tct, Berkeley. H Brown vs C & M Arceneaux.....\$292.25

March 9, 1928—LOT 14 & S HALF LOT 15 BLK 2 Regents Park No 7, Albany A E Bolton vs O S Bolton.....\$83

Mar. 10, 1928—PTN SUBD NO. 1, Survey No. 284, Henry C Lee Esq 100 Acre Tract, Oakland. Berkeley Bldg Materials Co vs N H E and May E Clark and Sam Collorafi.....\$187.23

Mar. 10, 1928—LOT 8 BLK 2035, A J Schnieder's Resub of Ptn of Blk 2035, Rowland Tract, Oakland. Hardwood Floor Co Inc vs Joseph Coward and Elizabeth Coward.....\$716.49

Mar. 10, 1928—LOTS 1 AND 2 Subdiv No. 1, Garcia Homestead, San Leandro. Herrick Iron Works vs A C and George T Ostrom; Ostrom Bros.....\$801.99

March 10, 1928—NO. 1941 HOOVER Ave., Oakland. Melrose Bldg Materials Co vs Harry W Hartman and C M Hinds.....\$92.60

March 9, 1928—PTN SUB NO 1, Survey No 824 for Henry C Lee Esq 100-Acre tct, Oakland twp. Thomas F Rigney vs N H and May E Clark.....\$368.50

March 9, 1928—LOT 14 & S HALF LOT 15 blk 2 Regents Park No 7, Albany A E Bolton vs O S Bolton.....\$1063

March 12, 1928—57 COLORADO ST, Berkeley. Berkeley Glass Co vs Leo A Starr, H Elmer Johnson.....\$53.65

March 12, 1928—PTN LOTS 14 & 15 blk 22, map of blks 20, 21, 22, 23 and 24 Thousand Oaks, Berkeley. H C Andersen vs Gwendoline M Ralston, Ralston & Anderson.....\$135

March 12, 1928—LOT 15 & PTN LOT 16 blk G, Fairview Heights, Berkeley Layrite Floors Corp vs Roy and Elsie Limpach, J F Sutton.....\$190

RELEASE OF LIENS

Alameda County

Recorded	Amount
March 9, 1928—S LYNDE ST 214.94 E Fruitvale ave, Oakland. Sunset Lumber Co to Grethe S Rothe.....\$111.34	
March 9, 1928—PTN OF CERTAIN 65.76 acre tct desc'd in deed from George Sterling et al to Realty Syndicate vol 920 of deeds, page 80. Tilden Lumber & Mill Co, \$1242.15; and Vincent Fatta, \$1002; to Montclair Improvement Club.	
March 7, 1928—NO. 448 KENTUCKY ST., Berkeley. Karl Ross to Chas A Osborn.....\$171	
March 7, 1928—PTN LOT 61 BLK 1, Lakeshore Highlands, Oakland. Wilder & Taylor to Thos E Kenny \$160	
March 6, 1928—LOT 43 MONTE Vista ave, Oakland. Oakland Bldg Material Co to Oscar C Goertiz, Tony Jarobino.....\$31.44	

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

DWELLING
LOT 3 BLK 58, Easton. All work for dwelling.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

Owner: John Ruben
Architect: H. C. Baumann, 251 Kearny
St., San Francisco
Contractor: Albert M. Schult
Filed March 8, 1928. Dated March 5, 1928
Floor joists set \$2640
Roof on 2640
Brown coated 2640
Completed 2160
Usual 35 days Balance
TOTAL Cost, \$10,440
Bond, limit, forfeit, none. Plans and
specifications filed

BUILDING PERMITS

SAN MATEO

APARTMENTS (2) and garages, \$10,000; No. 129 Tilton Ave., 110 fm San Mateo Drive Lot 2, Western Addition, San Mateo; owner, Longfield & Olund, 145 El Camino Real, San Mateo.
BUNGALOW, \$3800; First Ave. and Quince St., San Mateo; owner, Leadley & Wiseman, 297 2nd Ave., San Mateo.
BUNGALOW, \$3800; First Ave., Husing Addition, San Mateo; owner, Leadley & Wiseman, 297 Second St., San Mateo.
BUNGALOW, \$3800; S 50 Lots 83 and 84, Quince St., Husing Addition, San Mateo; owner, Leadley & Wiseman, 297 Second St., San Mateo.
BUNGALOW and garage, \$3000; Lot 19 Blk 10, S H St., E. San Mateo; owner, Harry H. Randles, 1029 Paloma St., San Mateo.
RESIDENCE and garage, \$8000; Lot 3 Blk 12, Harvard Ave., Baywood; owner, Frank Ferreira, 712 5th Ave., San Mateo.
RESIDENCE, \$10,000; Lot 29 Blk 17, Baywood on Nevada Ave., San Mateo; owner, Geo. Stoddard, 1428 Cortez St., San Mateo; contractor, C. O. Root, San Mateo.
RESIDENCE and garage, \$4500; Lot 74 N. First St., Highway Tract, Bayshore; owner, E. Venturelli; architect, Antonio Pianca.
BUNGALOW and garage, \$4800; Lot 13 Blk 4, Hayward Adm., No. 807 Laurel St., San Mateo; owner, J. E. Condy; contractor, Harry Kime, 118 12th Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
March 6, 1928—S POLHUMAS AVE and W Selby Lane, San Mateo. A W Gorman to Albert Bernhardt.	Jan. 15, 1928
March 6, 1928—LOT 6 BLK 58, Santa Ynez Park. Mary Lenardon et al to whom it may concern.	Mar. 1, 1928
March 6, 1928—LOT 17 and part Lot 18, Senic Heights, San Mateo. A J Harwood to John Curry March 5, 1928	
March 7, 1928—LOT 17 BLK 25, Niantic Ave., Daly City. Peter C Morgan to whom it may concern.	March 5, 1928
March 7, 1928—LOT 7 BLK 10, East San Mateo. Eugene H Paris to whom it may concern.	March 1, 1928
March 7, 1928—LOT 18 BLK 4, Lyon & Hoag Sub, San Carlos. Charles M Robertson to whom it may concern.	
March 8, 1928—LOT 12 BLK 7, Burlingame. Harold Chorroin to Martin Peterson.	
March 8, 1928—LOT 8 BLK 38, Lyon & Hoag Sub, Burlingame. P Grove Petersen to whom it may concern.	
March 8, 1928—LOT 14 BLK 4, Robinson Sub, San Mateo. H C Gates to whom it may concern.	March 7, 1928
March 9, 1928—LOTS 43 AND 44 BLK 27, Vista Grand. Chas H Duerner to whom it may concern.	

March 9, 1928—CITY OF DALY CITY. Mrs. K Hubbard to whom it may concern. March 8, 1928
March 9, 1928—LOT 3 BLK 1, Burlingame Villa Park. Henry W Opperman to whom it may concern.
March 9, 1928—LOT 134, San Mateo Park. George Y Morton to W W Morris. March 8, 1928
March 9, 1928—LOT 10 BLK 4, Millbrae Highlands. George Trollmann et al to whom it may concern. March 8, 1928
March 10, 1928—LOT 10 BLK 13, Range 1, Neezisville. Geo W Knapp to whom it may concern. March 10, 1928
March 10, 1928—LOT 24 Part Lot 23 Blk 10, East San Mateo. Oswald Peterson to whom it may concern. March 8, 1928

LIENS FILED

SAN MATEO COUNTY

March 6, 1928—LOTS 34 AND 35 BLK 13; Lots 35, 36, 37 and 38 Blk 12, Vista Grand, San Francisco Terrazzo Association vs Burt Youngs et al (2 liens)—\$207 and \$257.60 respectively
March 7, 1928—LOTS 37 AND 38 BLK 12; Lots 35 and 36 Blk 12; Lots 3, 4, and 5 Blk 13, Vista Grand. H H Smith vs Burt Youngs (3 liens). \$764.20; \$1748.55 and \$1934 respectively.
March 8, 1928—NE EASTON DRIVE and Cortez Ave., Burlingame. B J Smith vs R A Griffin. \$366
March 9, 1928—LOTS 1, 2, 3, 4, 5, 6, 7, 8 and 9 Blk 1, Woodside Glens. A L Palmittag vs Pierre de Saisett. \$797.97

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
March 8, 1928—LOT 18 BLK 3, Burlingame Terrace. George Webb to J F Turner et al.	\$493.47
March 10, 1928—LOT 34 BLK 9, Huntington Park. Holmes Lime & Cement Co. \$15.25; Western Lime & Cement Co. \$145.71 to whom it may concern.	

BUILDING CONTRACTS

BURLINGAME

BUNGALOW and garage, \$3800; Lot 124 Gates Cambridge, Burlingame; owner, Harry B. Allen, Inc., 1212 Burlingame Ave., Burlingame.
BUNGALOW and garage, \$4400; Lot 139 Gates Cambridge Road, Burlingame; owner, Harry B. Allen Co.; 1212 Burlingame Ave., Burlingame.
GARAGE, \$1200; No. 1512 Chapin Ave., Burlingame; owner, Mrs. Katherine Percy; contractor, R. C. Mitchell, 628 Crescent St., San Mateo.
RESIDENCE, \$6000; Lot 31 Blk 4, Poppy Drive, Burlingame; owner, Wm. Wooley, 241 Highland Ave., Burlingame; contractor, Martin Peterson, 128 Lorton Ave., Burlingame.
RESIDENCE, \$6500; Lot 6 Blk 9, Hale Drive, Burlingame; owner, A. M. Schulte, 2409 Hilside Drive, Burlingame.
BUNGALOW and garage, \$4000; Lot 8 Blk 40, Bancroft St., Burlingame; owner, J. Serventi; contractor, Al Peterson.
BUNGALOW and garage, \$5000; Lot 7 Blk 5, Poppy Drive, Burlingame; owner, J. Lorensen.
BUNGALOW, \$9500; Lot 6 Blk 11, Burlingame; owner, F. M. Schreckengast
ADDITION, \$1000; No. 1124 Lummer Ave., Burlingame; owner, L. B. Bernhard.

RESIDENCE, \$4500; Lot 1 Blk 63, Hillside Drive, Burlingame; owner, Halls & Wells, Burlingame.
BUNGALOW, \$5500; Lot 19 Blk 1, Mills Ave., Burlingame; owner, Mrs. F. W. Edie, 1408 Mills Ave., Burlingame.

BUILDING PERMITS

PALO ALTO

DWELLING, frame and rustic, \$1000; No. 863 Channing Ave., Palo Alto; owner, C. H. Hobbs, Palo Alto; architect, Merner Lumber Co., Highway, Palo Alto; contractor, E. T. Fernock, 355 Fulton St., Palo Alto.
DWELLING, frame and rustic, \$11,500; No. 788 Forest Ave., Palo Alto; owner, Ed Zwierlein, 218 University Ave., Palo Alto; architect, H. Dablinett, 1741 Cowper St., Palo Alto.
DWELLING, frame shingle, \$1600; No. 1326 Swenson St., Palo Alto; owner, R. J. Jungermann, Palo Alto; contractor, B. C. Moody, Palo Alto.
DWELLING, frame and stucco, \$4000; No. 231 Nevada Ave., Palo Alto; owner, Paul R. Smith, Palo Alto.
GUEST house, frame and stucco, \$700; No. 360 Kellogg Ave., Palo Alto; owner, Dr. H. B. Reynolds, Palo Alto; architect, Birge M. Clark, 310 University Ave., Palo Alto; contractor, H. P. Post, Palo Alto.
RESIDENCE, frame and stucco, \$8000; No. 2380 Waverly St., Palo Alto; owner, J. L. Connelley, Palo Alto.
GUESTS' house, frame and stucco, \$4715; No. 465 Lowell Ave., Palo Alto; owner, M. Van Wyck, Palo Alto; architect, Birge M. Clark, 310 University Ave., Palo Alto; contractor, W. P. Goodenough, 310 University Ave., Palo Alto.
STORE, 1-story Class C, \$4000; No. 163-165 University Ave., Palo Alto; owner, Jorgen Nielsen, Palo Alto; architect, Home Manufacturing Co., Palo Alto.

BUILDING PERMITS

REDWOOD CITY

DWELLING, frame, one-story and basement and garage, \$4000; No. 459 Clinton St., Redwood City; owner, M. L. Lane, 63 Elbener St., Redwood City.
DWELLING, frame, one-story and basement and garage, \$5357; No. 158 Oakdale Ave., Redwood City; owner, George S. Greeley, 171 Birch St., Redwood City; contractor, A. C. Heald, Redwood City.

BUILDING PERMITS

SAN JOSE

BUSINESS building, 2-story and basement Class B, \$70,000; No. 260 S. First St. through to Second St., San Jose; owner, F. C. Doerr, 44 W-San Fernando St., San Jose; architect, E. J. T. Hoffman, New York, with Cressey Co.; contractor, Felchlin, Shaw & Franklin, Fresno.
APARTMENTS, 2-story (31 apts.), \$100,000; First and Hensley Sts., San Jose; owner, Hobson & Beal, 450 S. 16th St., San Jose; architect, Wolfe & Higgins, 19 N-Second St., San Jose
RESIDENCE, 4-room, \$2500; Delmo Court, San Jose; owner, Manuel Mattos, Santa Clara; contractor, Frank Gardin, 1191 Wistar St., Santa Clara.
GARAGE and living apartment, comb., \$1500; No. 347 N-14th St., San Jose; owner, H. Friesen, Premises.
RESIDENCE, 6-room, \$8200; Shasta St. near Park, San Jose; owner, W. A. Popp, 63 Lenzen St., San Jose; architect, Binder & Curtis, 35 W-San Carlos St., San Jose; contractor, E. A. Hathaway, 644 Margaret St., San Jose.
STATION, gas service, \$2500; Stockton and Julian Sts., San Jose; owner, Standard Oil Co., St. Claire Bldg., San Jose; contractor, Weldon & Hoover, Builders' Exchange Bldg., San Jose.
RESIDENCE, 6-room, \$7500; First St. near Rosa, San Jose; owner, W. B. Clarke, 656 Palm Haven Ave., San Jose; contractor, Clyde Alexander, Rr. A. Box 329, San Jose.
DYING and cleaning works, \$6400; 13th St. near Washington, San Jose; owner, L. Riance, 780 Morris St., San Jose; contractor, Sam Evans, 405 N-18th St., San Jose.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

RESIDENCE, 5-room, \$3500; Third St. near Mission St., San Jose; owner, R. H. McGowan, 879 N-19th St., San Jose.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

BUILDING
TITLE BROOK FARM at Los Gatos Sect. Lot 18 Tsp Blk 8 R 1. All work for one-story frame building.
 Owner—Max M. Cohn.
 Architect—Bertz, Winter & Maury, 210 Post St., San Francisco.
 Contractor—Stephenson Constr. Co., 185 Stevenson St., San Francisco.
 Began March 2, 1928. Dated March 1, 1928
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$36,897
 Bond, \$18,448.50. Surety, New York Indemnity Co. Limit, 10 days from March 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE
FAVERLY ST. 70 NW Kingsley Ave., Palo Alto. All work for frame residence and garage.
 Owner—A. W. Johnson.
 Architect—C. K. Sumner.
 Contractor—L. A. Bachelder.
 Began Feb. 29, 1928. Dated Feb. 24, 1928.
 Frame completed.....\$3125.25
 2nd coat plastering on..... 3125.25
 Building completed..... 3125.25
 Usual 35 days..... 3125.25
TOTAL COST, \$12,501.00
 Bond, \$6250.50. Surety, Jos. A. Jury and William T. Lloyd. Limit, 120 days from Feb. 24, 1928. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
March 1, 1928—LOT 11 HILCREST sub. John O. Burque et al to whom it may concern.	Feb. 29, 1928
March 1, 1928—LOT 29 BLK 4 Druna Park tct. Lloyd Martin to whom it may concern.	Feb. 28, 1928
March 2, 1928—N HAMILTON AVE bet Johnson ave and Meridian rd. W N Lloyd to whom it may concern.	Feb. 27, 1928
March 2, 1928—S JULIAN St 50 E 2nd St. San Jose. Katherine Keever to whom it may concern.	March 1, 1928
March 3, 1928—LOT 28 SAN JUAN Sub No. 3, Palo Alto. Stanton Giffing to whom it may concern.	Feb. 28, 1928
Feb. 28, 1928—NW EMORY ST. 390 SW Morse St., San Jose. Joseph T. George to whom it may concern.	Feb. 23, 1928
Feb. 28, 1928—LOT 16 BLK 1. Hester Park, San Jose. R K Vasconcellos et al to whom it may concern.	Feb. 25, 1928
Feb. 28, 1928—NW SAN ANTONIO & Third Sts., San Jose. Dora E Carter et al to whom it may concern.	Feb. 27, 1928
Feb. 29, 1928—LOT 4 BLK 17. Crescent Park, Palo Alto. Mabel D Daugherty to whom it may concern.	Feb. 28, 1928
Feb. 29, 1928—CLELLAND AVE, Los Gatos. Z A Macabee to whom it may concern.	Feb. 28, 1928
Feb. 29, 1928—MT. VIEW UNION High School. Mt. View Union High School District to whom it may concern.	Feb. 28, 1928
March 1, 1928—S SAN ANTONIO ST. 85.74 SW from NE cn 1 ac Tract of O'Hara. Edward Bernal to whom it may concern.	Feb. 29, 1928
March 1, 1928—LOT 13 BLK 37. Seale Addn No. 28, Palo Alto. John E Stuart to whom it may concern.	Feb. 29, 1928
March 1, 1928—LOT 6, Pothill Sub Stanford University, Palo Alto. Chas Moser to whom it may concern.	Feb. 27, 1928
March 1, 1928—N MCKINLEY AVE, bet. Francis and Taaffe Sts., Sunnyvale. Board of Trustees of Sunnyvale School District to whom it may concern.	Feb. 28, 1928
March 5, 1928—NE CLAY AND WASHINGTON Sts. E 60xN 100. Santa Clara. John Caldiera to whom it may concern.	Feb. 29, 1928

March 5, 1928—NO. 217-221 S-FIRST St., San Jose. Chas M O'Brien to whom it may concern (cabinet work)

March 2, 1928

March 6, 1928—LOTS 16 AND 17 BLK 35, Palo Alto. C A Pellmunder to whom it may concern.

March 5, 1928

March 6, 1928—LOT 32 BLK 1. Conkling & Col Subd., San Jose. Joe Parrino to whom it may concern.

March 1, 1928

March 6, 1928—LOT 26 BLK 4, J. B. Randall's Addn. San Jose. Amore College of United States of America to whom it may concern.

March 5, 1928

March 6, 1928—LOT 5 BLK 2, Lincoln Gates. C Teigland to whom it may concern.

March 5, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Feb. 27, 1928—NW SHERIDAN ST & SW Second St SW 50xNW 100 Ptn Lot 4 Blk 2. Hawxhurst Addn, Palo Alto. A C Whitson et al vs W Bell	\$175
March 1, 1928—SW JONATHAN AVE 375 SE Pine Ave, San Jose. California Wall Paper Mills vs E H Parker	\$48.74
March 2, 1928—LOT 58, Baron Park, San Jose. Merner Lumber Co vs W G Talley et al	\$136.16
Feb. 27, 1928—LOTS 17, 18, 19, 20 BLK 89, Palo Alto. D W Roberts vs A R Bacon et al	\$268
March 5, 1928—LOTS 1 AND 2 BLK 1, Keiser Tract, San Jose. United States Metal Products Co vs Joe La Porte et al	\$241.50
March 6, 1928—LOTS 1, 2, 3 and 6 Blk Keiser Tract, San Jose. A G John vs Joe Lepreto	\$147

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
Feb. 24, 1928—LOT 11, Vostroosky Subd., San Jose. Glenwood Lumber Co to Edoardo Marchese	
March 3, 1928—SW JONATHAN AVE 375 SE Pine Ave, San Jose. California Wall Paper Mills to E H Parker	

BUILDING PERMITS

RICHMOND

COTTAGE, 5-room frame and plaster, \$3400; S Pennsylvania St., bet. 10th and 11th Sts., Richmond; owner, H. R. Russell, 254 4th St., Richmond; contractor, Thos. L. Woodruff Co., Carquinez Hotel Bldg., Richmond.

COTTAGE, 5-room and garage, frame and plaster, \$3600; W Ventura, Esmond and McBryde Sts., Richmond; owner, S. J. Joyce, 686 8th St., Richmond; contractor, J. E. McHugh, 1765 Pennsylvania St., Richmond.

COTTAGE, 5-room and garage, frame and plaster, \$4000; E 4th St., bet. Barrett and Roosevelt Sts., Richmond; owner, Edw. A. Langtry, 1102 Filbert St., Oakland.

COTTAGE, frame and plaster, \$3800; E 41st St., bet. Barrett and Roosevelt Sts., Richmond; owner, Mrs. O. A. Clark, 717 23rd St., Richmond; contractor, Geo. J. Gordon, 3120 Barrett St., Richmond.

COTTAGE and garage, frame and plaster \$3500; E Eighth St., bet. Barrett and Nevine Aves., Richmond; owner, E. Gibb, P. O. Box 192 Point Richmond; contractor, Fred C. Hosking, 932 Pennsylvania Ave., Richmond.

COTTAGE and garage, frame and plaster \$4800; N 35th St., bet. Barrett and Roosevelt, Richmond; owner, Roy R. Huffman, 31 13th St., Richmond; contractor, J. A. Legault, 420 31st St., Richmond.

COTTAGE, frame and plaster, \$3600; S Clinton St., bet. 28th and 30th Sts., Richmond; owner, C. N. Hinds, 2912 Monticello Ave., Richmond.

COMPLETION NOTICES

MARIN COUNTY

Recorded	Accepted
March 2, 1928—MILL VALLEY. B A Burris to whom it may concern.	March 3, 1928
March 5, 1928—MILL VALLEY. Hazel Dreis to Boyd C Lindsay.	March 3, 1928

LIENS FILED

SONOMA COUNTY

Recorded	Accepted
March 6, 1928—LOT ON RIPLEY ST., Santa Rosa. L H Strauss, \$41.10; Edward F Holtz, \$23; Allen F Smith, \$172.70 vs William Deering and A L Overton	

BUILDING PERMITS

STOCKTON

SERVICE station, \$1500; No. 401 East Channel St., Stockton; owner, Dr. Edward Cureton, 1428 N-Center St., Stockton.

RESIDENCE and garage, \$2100; No. 219 E-Elis St., Stockton; owner, J. L. Dahl, Acacia Ave., Stockton.

RESIDENCE and garage, \$7000; No. 225 Euclid, Stockton; owner, M. W. West, 405 E-Poplar St., Stockton; contractor, Randolph & West.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

BLACKSMITH SHOP
 W 1/2 LOT R BLK 4 1/2, Sherwood & Hellman's Map of Salinas City. All work for reinforced concrete blacksmith shop.
 Owner—James Cahoon, Salinas.
 Architect—None.
 Contractor—E. M. Britt, Salinas.
 Filed March 3, 1928. Dated Feb. 20, 1928
 Foundation laid and walls ready to be poured.....\$1331.25
 Roof on..... 1331.25
 Completed..... 1331.25
 Usual 35 days..... 1331.25
TOTAL COST, \$5325.00
 Bond, \$——. Limit, forfeit, none. Plans and specifications filed.

BUILDING PERMITS

MONTEREY COUNTY

HALL
ASILOMAR, Monterey Co., Cal.; all work on Merrill Hall, 1-story and basement frame building.
 Owner—National Board of Y. W. C. A., Asilomar, Cal.
 Architect—Julia Morgan, San Francisco.
 Contractor—H. E. Washburn, Pacific Grove.
 Filed March 12, 1928. Dated March 12, 1928
 5th of each month.....75%
 Usual 35 days..... 25%
TOTAL COST \$39,553
 Bond \$——; surety, None. Limit, forfeit, none; plans and spec. filed.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded	Accepted
March 7, 1928—SHERWOOD PARK, Salinas. City of Salinas to Herbert P. Kimzey	March 1, 1928
March 7, 1928—LOT G BLK 19, Map of Salinas City, commonly known as Sherwood & Hellman's Map of Salinas City. Jennie Bardin to F C Carlson	March 1, 1928
March 7, 1928—BEG. ON A POINT W of Abbott St. in Salinas City being Ptn of Nacional Rancho. Sidney Kay Corbin to J S Boyd	March 3, 1928
March 7, 1928—PTN LOT D Ptn Map No. 2, Showing Ptns of Sausal and El Alisal Ranchos. A J and Mabel I Yates to whom it may concern	March 5, 1928
March 8, 1928—LOT 2 BLK 3, Hatton Fields Tract No. 1 being subd. of Rancho Canada de la Segunda, Monterey County. Katharine Cooke to Gottfried & Hale	March 5, 1928
March 8, 1928—LOTS 4 AND 5 of Espinosa Ptn Rancho Poso de las Ositos, Monterey County. Fidelia and Kissiah Zanettó to T H Williamson	March 1, 1928
March 5, 1928—LOTS A AND B BLK 10, Map of Portion of Salinas City owned by A. Riker, Monterey. First Methodist Episcopal Church to W Sechrist	March 5, 1928
March 5, 1928—LOTS 2 AND 4 BLK 2, Withers'. Addition to Monterey. Frank O Henizer to whom it may concern	March 3, 1928

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
March 7, 1928—LOTS 7 AND 8 BLK J
City of Monterey. Blackman-Anderson Mill & Lumber Co to Frank and Angelina Balestere and D D McAnaney \$537.45

BUILDING PERMITS

MARTINEZ

BUNGALOW, duplex, one-story 6-room, \$4500; Willows and Susana Sts., Martinez; owner, G. C. Miller, Prem. architect, Victor Pease, Martinez.

BUILDING PERMITS

SACRAMENTO

GENERAL repairs, \$2000; No. 530 J St., Sacramento; owner, D. Bardson, 1922 47th St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
STORE building, \$10,000; No. 1505 K St., Sacramento; owner, Henderson Bros., Premises; contractor, E. W. Rook, 2911 H St., Sacramento.
RESIDENCE, 5-room and garage, \$4000; No. 591 Pico Way, Sacramento; owner, Carl Lewis, 1026 22nd St., Sacramento; contractor, R. P. Opdyke, 3239 E St., Sacramento.
CLEANING and dyeing establishment, \$9670; No. 320 O St., Sacramento; owner, M. Ebe, 1417 3rd St., Sacramento.
RESIDENCE, 6-room and garage, \$3800; No. 1700 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
RESIDENCE, 5-room and garage, \$3500; No. 1712 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
RESIDENCES (2) 6-room and garages, \$4000 each; 1616-1632 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
RESIDENCE, 5-room and garage, \$3800; No. 1600 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
STATION, moving service, \$1000; No. 1600 K St., Sacramento; owner, M. Taylor, Sacramento; Contractor, D. H. Brown, Sacramento.
REMODEL front, \$1900; No. 822 J St., Sacramento; owner, Stephen Downey, 1300 41st St., Sacramento; contractor, T. Schluckebel.
RESIDENCE, 5-room, \$4000; No. 2516 San Jose Way, Sacramento; owner, C. E. Bennett, 2507 K St., Sacramento.
GENERAL repairs, \$1700; No. 2921 Y St., Sacramento; owner, J. Carey, Prem.
RESIDENCE, 6 room and garage, \$6000; No. 900 45th St., Sacramento; owner, R. P. Opdyke, 3239 E St., Sacramento.
March 7, 1928—PTN LOT 61 BLK 1, Lakeshore Highlands, Oakland. B I Wilkins, \$245; Duner-Matheny Sash & Door Co, \$324.70; George S McMullen, \$269; H A Hood, \$53; Atlas Mill & Lumber Co, \$214.25; Churchill Tile Co, \$300 to Thomas E Kenney and G E Hover
SERVICE station, \$1600; No. 2900 Sacramento St., Sacramento; owner, Peter Schliets, 3700 4th Ave., Sacramento.
RESIDENCE, 6-room and garage, \$6850; No. 2900 25th St., Sacramento; owner, Herbert C. Howe, 1049 38th St., Sacramento; contractor, E. A. Corum 2533 Portola St., Sacramento.
RESIDENCE, 6-room and garage, \$5000; No. 3201 O St., Sacramento; owner, Gus Thiery, 505 J St., Sacramento.
RESIDENCES (3) 5-room and garages, \$4000 each; No. 1813-1817 Second Ave. and No. 2684 Harkness St., Sacramento; owner, Gus Thiery, 505 J St., Sacramento.
ADD three stories to warehouse, \$96,642; No. 209 15th St., Sacramento; owner, Almond Growers, 15th and C Sts., Sacramento; contractor, H. M. Robertson.
RESIDENCES (2) 5-room and garages, \$2950 each; No. 4600-4608 Freeman Way, Sacramento; owner, W. S. Steeves, 521 38th St., Sacramento.
SALES room, \$28,000; No. 1700 K St., Sacramento; owner, A. George, 1630 L St., Sacramento; contractor, G. E.

Harvie, 2212 T St., Sacramento.
ADD 2nd story to building installing 32 room hotel, \$10,000; No. 201 J St., Sacramento; owner, Auslander Apts., Sacramento; contractor, J. A. Saunders, 1045 45th St., Sacramento.
RESIDENCE, 8-room and garage, \$4500; No. 4194 First Ave., Sacramento; owner, Wm. Daum, 1818 T St., Sacramento.
ADD to stores, \$14,000; No. 1013-1015 3rd St., Sacramento; owner, A. Blanco and M. Rila, 207 2nd St., Sacramento contractor, Grutzner & Son.
RESIDENCE, 4-room and garage, \$2000; 1033 56th St., Sacramento; owner, Klein Realty Service, Sacramento.
RESIDENCE, 5-room and garage, \$—; No. 3149 V St., Sacramento; owner, Thomas B. Hunt, 1510 30th St., Sacramento.
RESIDENCE, 5-room and garage, \$4500; No. 520 Santa Ynez Way, Sacramento; owner, R. Christenson, 220 26th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
March 8, 1928—LOT 11, Brier Terrace, Sacramento. E R Lancaster to whom it may concern.....March 7, 1928
March 8, 1928—LOT 8, Chescant Park, Sacramento. Clarence E Stephenson to whom it may concern.....March 7, 1928
March 10, 1928—LOT 73, Parkside, Sacramento. A Begiogni to whom it may concern.....March 5, 1928
March 10, 1928—LOT 73, Monte Vista, 80 W SE Cor Lot 73, Sacramento. Christie and Harriet A Loughhead to whom it may concern.....March 10, 1928
March 10, 1928—W 85 FT. LOT 7 BLK 36 N-Sacramento Sub. No. 1, Sacramento. M E Fraley to whom it may concern.....March 10, 1928
March 5, 1928—LOT 9, Coyle City. Fred W and Eva Belle Smith to whom it may concern.....March 3, 1928
March 6, 1928—LOT 2239 W & K, Addition to Tract No. 24, Sacramento. Agnes I Bateman to whom it may concern.....March 1, 1928
March 10, 1928—LOT 70, Sacramento. N S Steeves to whom it may concern.....March 9, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
March 10, 1928—LOT 56, Wm Dreher Tract, Sacramento. Golden Gate Atlas Material Co vs J G and Alice Taylor\$163.75
March 10, 1928—LOT 313 Boulevard Park, Sacramento. Sacramento Lumber Co vs M E Fraley.....\$812.06
March 6, 1928—LOT 40 W & K Tract No. 32, Sacramento. A H Borchard vs Julia and Max A Mobley.....\$141
March 6, 1928—LOT 313 BOULEVARD Park, Sacramento. A Gustafson; E W McSwain and W H Gilbert vs Jack and Grace McCaw.....\$437.99

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
March 8, 1928—LOTS 22 AND 23 BLK 6, Fresno Heights, Fresno. Henry M Jansen to whom it may concern.....March 1, 1928

BUILDING PERMITS

FRESNO

DWELLING and garage, \$4000; No. 1520 Poplar Ave., Fresno; owner, Lambert & Wood, 1576 Poplar Ave., Fresno.
DWELLING, \$2500; No. 2758 Lewis Ave., Fresno; owner, Ernest Scribner, Fresno; contractor, K. Egoyan, Fresno

MASTER QUANTITY SURVEYOR

For Contractors
GENERALS and BRANCHISTS
ARTHUR PRIDDLE, A. I. Q. S.
603 Mission St., at Third
San Francisco, Calif.
Telephone Douglas 8493
Valuation Engineer
Accredited Appraiser
GENERAL LISTING BUREAU

OAKLAND BUILDING SUMMARY

Following is a segregated report of Oakland building activities during the month of February, 1928, as reported by A. S. Holmes, chief building inspector.

Class	Permits	Cost
1S dwellings	84	\$272,200
1S 2-family dwelling	1	6,400
1S 8-family dwelling	1	15,000
2S dwellings	26	180,600
2S dwelling and store	1	3,000
2S flats	1	8,000
2S apartments	2	37,000
3S apartments	3	205,000
1S stores	2	7,150
1S comfort station	1	400
1S factory	1	12,000
1S pump house	2	1,340
1S club house	1	4,000
1S bank building	1	18,000
1S radio station	1	3,000
1S hall	1	2,500
1S post office	1	7,500
1S tile garage	2	1,600
1S brick garage	2	19,600
1S brick stores	2	25,500
1S brick warehouse	2	65,750
1S brick service station	1	1,250
1S brick cleaning works	1	4,000
2S brick stores and loft	1	26,070
2S brick warehouse	1	11,600
3S brick addition	1	40,000
1S brick and tile ser. sta.	1	1,500
1S brick and tile shop	1	450
1S brick and tile office	1	200
1S brick and conc. whse.	1	2,000
1S steel ser. sta.	2	4,000
Steel tank	1	250
3S concrete whse.	1	120,000
3S concrete school	1	54,750
Con. retaining wall	3	7,790
1S conc. and tile garage	2	2,400
Billboards	64	2,520
Electric signs	29	11,480
Roof signs	2	170
1S garages and sheds	118	23,640
Additions	68	87,690
Alter. and repairs	109	51,120
Total	546	\$1,348,380

EMPLOYMENT SERVICE
ENGINEERING SOCIETIES

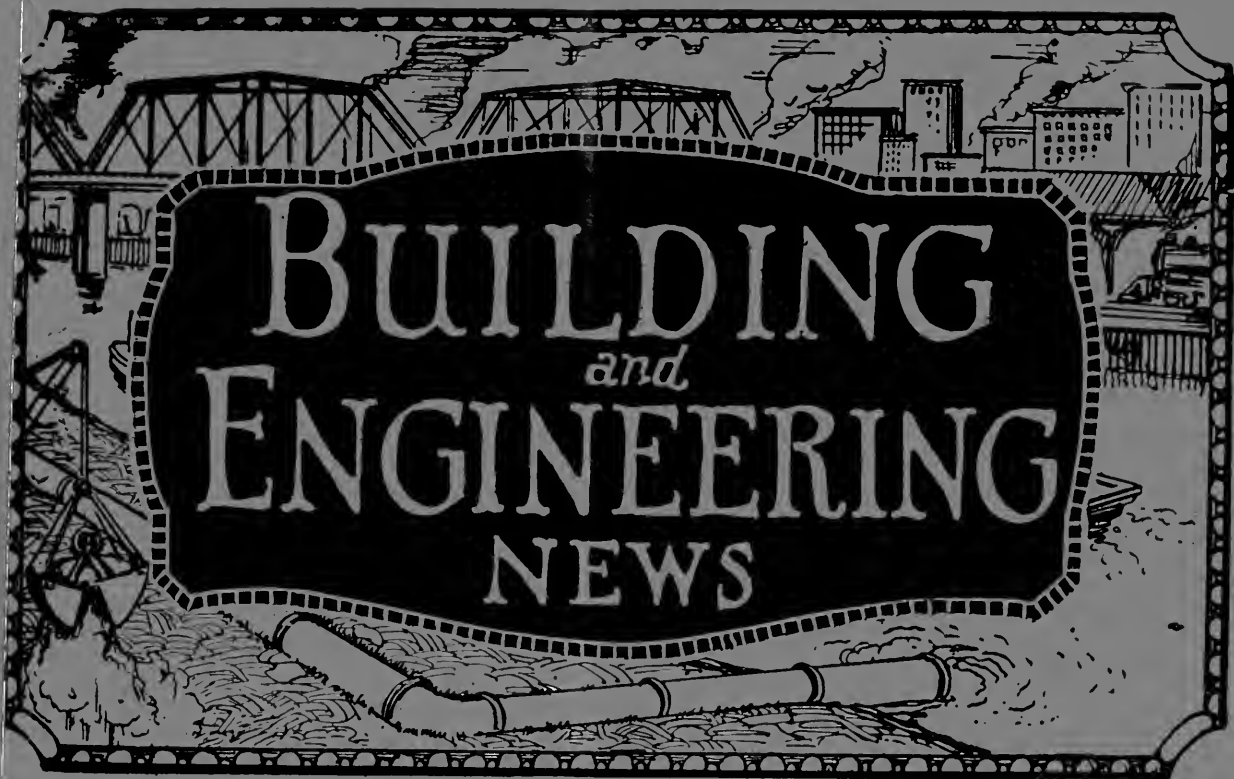
Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1514-S POSITIONS OPEN on a large construction project in Northern Mexico for a rock and excavation foreman and a carpenter foreman experienced on concrete form work. Also experienced Time Keeper. Knowledge of Spanish required. Headquarters, San Francisco. Apply by letter.

R-1526-S JUNIOR DRAFTSMAN, 20-24, with some technical training and drafting experience to estimate and detail for sales agency. Will develop into a sales position. \$100-125 to start. Location, San Francisco.

K-35-X-4377-CS. CIVIL ENGINEER, with design and construction experience on buildings, bridges and all types of concrete steel structures, for sales promotional work among architects, city officials and investment executives. Apply only by letter. Salary over \$5000 a year. Headquarters New York City. Location United States.

X-4344 DESIGNERS, must have 5-10 years' experience on steel and concrete highway bridges. Appointment May 1. Apply by letter. Location Ky.
K-32-X-4349-CS NEW BUSINESS REPRESENTATIVE, on industrial report and appraisal work. Prefer graduate engineer, 35-45. Must have practical appraisal and selling experience. Apply only by letter. Salary over \$5000 a year. Location New York City.



Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., MARCH 24, 1928

Twenty-eighth Year No. 12
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, Vice-President and General Manager



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., MARCH 24, 1928

Twenty-eighth Year, No. 12



5-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
an Francisco Post Office under act of
Congress of March 3, 1879.

ARTHUR BROWN, S. F. ARCHITECT,
NAMED ON CHICAGO FAIR BOARD

Arthur Brown, San Francisco architect, who designed the horticultural building at the Panama-Pacific International Exposition, is wearing a new honor today.

He has been named as one of eight nationally known architects who will design the physical structure of the world's fair in Chicago, opening in 1933.

Besides Mr. Brown, the architectural board will comprise Edward H. Bennett, Hubert Burnham and John A. Holabird of Chicago; Hervey W. Corbett of New York, Paul P. Cret of Philadelphia, and Raymond Hood and Ralph T. Walker of New York.

Appointment of Brown and his colleagues was made public in Chicago by Rufus C. Dawes, president of the forthcoming world's fair, according to an Associated Press dispatch.

ARRANGEMENTS UNDER WAY FOR BUILDERS' STATE MEETING

Arrangements are now under way by the Stockton Builders' Exchange for the convention of the California State Builders' Exchanges to be held in that city April 27 and 28. Session will be held in the Lincoln Hotel.

Committees have been appointed to outline a program of entertainment both for members and their ladies.

A banquet will be held on the evening of the 27th in the banquet room of the civic auditorium at 7 p. m. In addition to delegates and their ladies, city officials, members of civic organizations, and leading citizens will attend.

After the banquet a free public dance will be held.

The committee on arrangements consists of E. H. Grogan, plumbing supplies dealer; Walter Lanen of the Yolland Ice and Fuel Co., L. S. Peletz, contractor, and J. M. Burke, publicity chairman.

COLONEL ROWAN ADDRESSES SOCIETY OF ENGINEERS

Col. Andrew Somers Rowan, U. S. A., retired, addressed 300 members and friends of the San Francisco Society of Engineers at the Palace Hotel, San Francisco, March 13, telling how in 1893 he ran the gauntlet of Spanish gunboats and soldiers, and delivered dispatches from President McKinley to General Garcia in command of the Cuban insurgents.

Colonel Rowan's act has been immortalized by Elbert Hubbard in his famous "Message to Garcia," more copies of which have been circulated than any other publication; the Bible alone excepted.

The Colonel's address was inspirational to his audience because of its simplicity.

ENGINEERS' CLUB IS ORGANIZED AT FRESNO

Final abandonment of the Fresno Chapter, American Association of Engineers was accomplished in Fresno March 15 by the newly organized Engineers' Club.

The business of the old chapter, with its affiliation with the national organization of engineers, was wound up and the new organization started to function when President H. C. Burbridge of the new club named his committees for the year.

The committees are as follows: Program, Lee R. Duncan, A. Segel, C. J. Gronlund; civic and public relations, George L. Svendsen, C. P. Jensen, Perry F. Brown, J. W. Hall and E. E. Wallace; membership, J. Mark Webster, H. N. Kalb, W. A. Gee, C. P. Johnson and Stanley W. Scarfe; employment, C. W. Manley, R. L. Beuthel and H. H. Minor; auditing committee, Fred Gamboni, H. P. Councilman and John Mahon Jr.; publicity and historical committee, Charles A. Miller, O. L. Dickinson, Edgar C. Smith and F. R. Morris.

W. H. GEORGE WILL ADDRESS SANTA BARBARA BUILDERS' EXCHANGE

Wm. H. George, president of the San Francisco Builders' Exchange, will be the principal speaker at a get-together dinner meeting of the Santa Barbara Builders' Exchange on March 30. The meeting will be held in the Margaret Baylor Inn, Santa Barbara. Officers of the California State Builders' Exchange will probably attend the meeting, according to A. J. Nolder, secretary-manager of the Santa Barbara Exchange.

In an effort to curb the ever-increasing number of "fly-by-night," irresponsible and "skin the job" contractors, the Richmond Builders' Exchange has appointed a committee from its membership to draft an adequate ordinance which would require all contractors to apply for a city license and furnish a bond before a building permit is granted.

Utilization of short lengths of lumber which heretofore have been considered waste materials, recently netted the War Department a saving of 35 per cent on a purchase of \$1700 worth of crating material. A saving of \$14 per thousand board feet was made possible by the use of lengths under 8 feet, in place of sixteen foot pieces.

NEW COMPANY IS FORMED TO FINANCE HOMES

To finance the erection of homes at a moderate cost throughout the country, the National Home Funding Corporation with a capital of \$5,000,000 has been formed.

Using its millions of dollars of capital as a revolving fund, the corporation plans to go into the nation's industrial centers, support the own-your-own-home movement, lend its funds to prospective home builders, and, at the same time, by the application of the bond-mortgage principle, that has been widely adopted in conservative banking sections earn a reasonable dividend for the shareholders.

"Statisticians estimate," said Arthur S. Somers, a prominent New York business man and head of the new organization, "that the demands for home building capital is much greater than the supply now readily available through the regular channels. It is also estimated that upward of one million rent-paying, salary and wage earners in the United States could and would become home owners if they were encouraged and enabled to borrow, on equitable terms, a reasonable amount of building capital."

"For every mortgage negotiated in the past," said Mr. Somers, "there have remained nine mortgages unsold and nine houses unbuilt and nine reliable individuals kept in the rent-paying class. The National Home Funding Corporation proposes to contribute its resources toward improving this condition."

CONTRACTORS AND UNION LEADERS GET TOGETHER AT BAKERSFIELD

Seeking a means whereby the building industry of Bakersfield may be stabilized for the protection of both the builder and his client, steps toward organization of an employers club patterned after the old Builders Exchange of Bakersfield were taken March 21 when general contractors of the city met with representatives of the Building Trades Council and the Labor Council at a dinner in St. Francis cafe. An honor guest of the evening was Judge E. W. Owen.

Speakers included Contractors Peter Stevens, Willard Michaels, Clark Gramling, Gene Cartley, Oscar Tomerlin, Geo. Wilson, Virgil Young, Arthur Ferguson and Roy Meyers. Speakers representing the union labor included E. R. Day of the painters; Charles Rohrer, electricians; James Dupes, carpenters; and H. C. McCune, interior decorating foreman for the Clark Gramling Construction Co.

Other than its natural purpose of providing a way for closer relationship between the employer and the employee engaged in building trade activities here, the organization is expected to safeguard the public from the unscrupulous contractor who might drop into the city "overnight," accept a contract by far underbidding local contractors, and then cheapen his work to make a profit, according to Foreman McCune, one of the principal speakers of the evening.

The conference was presided over by Fred Hunter, prominent union leader in the Kern county section.

New orders for fabricated steel plate in January, based on reports received by the Department of Commerce from 51 firms, were 41.1 per cent of capacity, as compared with 44.1 per cent in December and 44.6 per cent in January, 1927.

ARCHITECT AND ENGINEER ARE NEEDED TO SOLVE THE TROUBLES OF CONTRACTORS AND SUB-CONTRACTORS

(By GEO. B. WALBRIDGE, Past President, A. G. C., From an Address Delivered at the National A. G. C. Convention at West Baden, Indiana, January 23-27, 1928)

This is an opportunity which should be welcomed by everybody in the construction industry, for general contractors have grievances and if sub-contractors have them, the place to get rid of them is to come out in the open and talk about them. You can't cure them any other way. I am very glad for the opportunity to take part in this discussion.

I spent the better part of one entire year traveling all over these United States, trying to sell a few profit seeds to the general contractors—talking and discussing construction in all its phases, trying to find a cure for the general contractor's low profits, for everyone knows that the remuneration is not enough for the responsibility taken.

I don't seem to have done much good for which I am sorry, but if we keep everlastingly pounding at the subject, honestly some time we will find that "the servant is worthy of his hire."

I am more than pleased to have our good friends, the sub-contractors, represented here today, for that shows progress. The more cooperation between all members of the construction fraternity, the quicker our mutual problems will be solved.

I haven't any doubt but that Mr. Reum's expressions form a pretty good representation of the feeling and problems of all the different sub-trades. Our grievances and the subs' grievances are not imaginary. They are very real. And I have found this out; the general contractor cannot solve them alone; the subs cannot solve them alone. The two, co-operating, can help; but to have a real cure we need the other side of the triangle in closer co-operation, viz.: the architects and the engineers.

The three sides of the triangle, which is a good symbol of construction, is made up of the architect, engineers, general contractor and the sub-contractors, and it would collapse without all three sides. Then why don't we three who cannot get along without each other try to look after each other's interest a little better, all in the interest of good construction, which is to the interest of the owner.

I am going to repeat again what you have all heard me say time and time again. That is: there is no more honorable or legitimate business in the world than construction for it is constantly serving a human need. It is constructive, it builds up; it is not a business that preys upon the earnings of others. Every other business and profession in the world depends upon it to carry on.

With such a foundation for a business which is so great, doesn't it seem strange that the cry, "We can't make any profit and without profit we cannot pay taxes, we cannot do good work, we cannot exist," is universally set up from one end of the country to the other by both general contractors and subs?

Now what's the answer? We have blamed the ten laws; we have blamed the bonding companies; we have blamed day labor; we have blamed the architect; we have blamed the owner; we have blamed everything under the sun, even ourselves. Every one of the things I have mentioned has had its share, but the thing most of all to blame is the lack of co-operation by the three sides of the triangle. If we don't co-op-

erate of our own free will and accord, circumstances will force us to do it. The main thing that hinders this co-operation, or let's call it consolidation of all those having experience, is what Mr. Reum has called bid peddling and unfair competition.

I am very sorry indeed this does happen and often, too, and I am right here to tell you it is going to happen until the construction triangle raises its standard and absolutely refuses anything to lower it and demands enough price to do a good job. It seems to me it would be a good plan to adopt a motto, "Cut the price, cut the product."

You all know the things that cause bid peddling but I am going to talk about them just the same. When the owner, the architect or owner's representative takes bids and then starts the old familiar gyp game of calling in all bidders and telling them they are now low but they can get the job by revising their bid, and after repeating this two or three times, some sucker takes the job at cost or less than cost. Then he starts out, playing the same game on the subs and finally catches some sucker and they, in turn, play the same game on their material men. The consequence is every trade is skinning their work, trying to make some money. The owner finally gets a building of low standard.

The price was cut; so was the product.

Many of you are saying now that it is possible to get the architect and engineer to take the contractor and sub with good fair prices to the owner, and put up a united front for high standards, but I am not so sure of that for things are happening in many of our larger cities which must force those who stand for honesty and quality to stand together and one of them is this:

One of our most prominent architects said in a public meeting the other day that the curse of the building industry is known as the owner's representative and is something intolerable for he is a man the architect wouldn't have; he is not good enough to work for the contractor and doesn't know enough to be in business for himself, but will sell himself to the owner as spy on the architect. This architect was right in some cases and if you sub-contractors think the general contractors are peddling, wait until you are up against this growing tendency.

This one thing alone should consolidate the legitimate construction men and it is a thing we should not overlook. I am frank to say I believe the architect has brought this owner's representative on himself by broadcasting a sales talk of cheap price, rather than high standards. The owner's representative is going him one better and showing his owner how much he can save, forgetting or not caring about the future maintenance which last as long as the building.

Now if we raise our standards and bring everyone up to them, we can accomplish the thing we all want and that is to get money enough to do a good job and play the game fair with each other.

Mr. Reum has commented upon the good old days when the general contractors received adequate compensation so they could award specialized contractors their work without peddling or discount. That is just what we all want and the

reason that we are not enjoying the happy condition is due to our own lack of co-operation and mutual confidence. What have we all been doing? Just this. The architect has been in one corner, the general contractor in another corner, and the sub-contractor in another, all throwing mud at each other to the everlasting detriment of all, including the owner. Our job right now is to stop this practice and co-operate and get that thing which Mr. Reum calls quality.

The subject is big enough and important enough to command the best thought of the construction industry, and for the purpose of getting all thinking and discussing, I am going to give you a few items that may or may not have a direct bearing on the subject. I have not put them down in their order of importance, perhaps, but you can determine that.

First, there seems to be a deplorable tendency by some who have the power now to impose one-sided rules and regulations on the other fellow that tend to stir resentment in the minds of some. But, I believe it is the best thing we know now and those having this power must be open minded to adopt something better as it develops. I am putting some of these in the form of questions for discussion.

Second, would public openings for a work with recommended subs' names attached help the situation?

Third, would it help to provide openings of all bids by some central committee when the day bids are called for with all hands then to stand pat? We should get some good idea from this question.

Fourth, in my judgment, one of the causes of the evil under consideration is the question of separate contracts. I mean when the sub-contractor gives his bid to any one that will ask for it. This is important and I will leave the pro and cons to you.

Fifth, should the general contractor do his own estimating in every branch of work and not ask for sub-bids until he has the contract, and then invite a certain few to bid, then open those bids to public and award to the lowest bidder then and there?

Sixth, while I have not put this one first, I think it is the biggest thing of the whole list and would do more to stabilize construction than anything else. I know. I am not going to put it in the form of a question but I will make a definite statement. We should have an affiliated bureau which contains every organization of this building business with common headquarters which represent construction in the same manner as the American Federation of Labor represents labor. This should be started now, for it will take years to function.

Seventh, would it help to have an industrial council in each city made up of all the factors?

Eighth, will this unfair competition cause the general contractors to make their own plans, thereby competing with the architect?

Ninth, does the quantity survey have a tendency to strangle profits?

Tenth, the superlative builder is a question to receive serious consideration.

Eleventh, does the engineers' questionnaire have a tendency to benefit the owner and responsible contractor?

There are many other question of importance but I have given you enough to take up the time of the whole conference if thoroughly discussed. But remember this—improve the banking conference, or the entire industry may be taken, for as some banker has said, "the trouble with you contractors is you will sign any kind of a contract that is laid before you regardless of price, just to get a job, and it is not sound business."

These discussions must be impersonal and without selfishness, for selfishness is caused us to be in the no-profit, poor quality position we are in today. I don't believe I am going beyond by bounds when I say to Mr. Architect and Mr. Subcontractor every contractor in the A. G. C. is ready and willing to invite them here today—now, at this moment—to join the side of the triangle and to do more on its share to raise the standards of the thing that is so vital to the economy of this country.

AMERICAN CABLE CO. DEVELOPS FLEXIBLE JOINT

Through the development of the pre-molded type of wire rope which makes possible the attachment of fittings by a processing method that compels the fitting to become an integral part of the rope, the American Cable Co. has recently perfected the Tru-Lay-Tru-Loc flexible bolt.

These new bolts may be used in countless places in and around the plant or mill or in any place where rigid U bolts are impracticable. They are finding ready acceptance as auxiliary hangers for power shafts, suspension brackets for overhead steam or water piping, shackle bolts for temporary wall boxes, etc., for affording and tackle, on various parts of machinery, and in other places where non-flexible connections are necessary. The principle on which the new flexible bolt rests is the preformed type of wire rope. Preforming the wires and strands to the exact helical shape they must assume in the completed rope results in a bolt that does not require seizing but may be cut like a rod. This type of rope permits a close fitting attachment to be slipped over the unsized end of the rope and to be processed so that the seal of the fitting cold flows into the interstices of the rope and thus becomes practically an integral part thereof. Naturally such fittings can be threaded for nut or capped for a head. The flexible bolt which has resulted from these developments is available in varying lengths and holds promise for universal acceptance.

NO STATES HAVE NO FIXED SPEED LIMIT

Connecticut and Michigan, which formerly had maximum speed limits of 30 and 35 mile per hour, respectively, have repealed these laws, and have enacted "no-limit" speed laws. The feature of these new laws, point out the California State Automobile Association, is that they provide that drivers must have cars under complete control at all times.

GYPSUM PARTITION TILE IS SUBJECT OF BOOKLET

The Gypsum Industries, 844 Rush St., Chicago, has issued a handbook, written by Henry J. Schweim, Assoc. M. Am. Soc. C. E., giving a well prepared standard specification for gypsum block partitions and which devotes a great deal of space to the properties of gypsum block as revealed by fire tests and the experience of users. The book is well prepared, authoritative tests are quoted, and the information contained therein is of value. The handbook conforms in size to the standard size for architects' files and bears the A. I. A. standard construction classification 10a3.

\$27,000,000 DECREASE UNDER RECORD YEAR OF 1926 REVEALED IN STEEL REPORT

Decreased production and lower prices combined with reduced demand for steel products after the first four months of 1927 caused a decline in the earnings of United States Steel Corporation to \$172,315,489 from the record 1926 earnings of \$199,058,868. Earnings per share on common stock was \$8.80 as compared with \$17.99 in 1926, the annual report revealed but in this case the decrease was due in part to increased capitalization.

The net income was \$105,418,368, as against \$134,837,957 in 1926, and the surplus \$12,863,514, as compared with \$55,366,552.

The report explains that while during a greater part of the year it was found necessary to adjust production to demand, operating efficiency was well maintained. The substantial tonnage of unfilled orders carried over from 1926 with the rather liberal tonnage of new business received during the first quarter, enabled the mills to operate at an average of about 87 per cent of capacity during the first six months. During the last half of the year the average dropped to 70 per cent. The average for the year was 79.9 per cent, as compared with 88 per cent in 1926.

Less Than Domestic

The average selling price received a ton for rolled and other finished products netted \$23.8 a ton less for domestic and

\$1 cents a ton less for export shipments than in 1926.

Improved demand and more stable prices, first noticeable about the middle of December, made the year end unfilled orders more favorable, the total being 3,972,874, compared with 3,960,969 at the close of 1926. By March 1, 1928, the report shows, the total of unfilled orders had increased to 4,398,189 tons, and operations during the first two months had averaged 86.5 per cent of capacity.

A detailed summary of the production statistics contained in the report shows that in all lines except cement there were decreases of 9 to 20 per cent. Cement production increased 6 per cent.

The total value of business transacted by all companies in the corporation as represented by combined gross sales and earnings was \$1,310,392,861, as against \$1,568,076,090 in 1926.

40 Per Cent Dividend

A 40 per cent stock dividend declared June 1 increased the number of shares of common to 7,533,210, of which 7,116,235 are outstanding. At the end of the year there were 70,429 holders of preferred stock and 96,558 holders of common. More than 46,000 employees were registered stockholders and about 25,000 more held open subscription accounts covering purchases, the employees holding an aggregate of 146,381 shares of preferred stock and 662,353 shares of common.

WHOLESALE PRICES IN FEBRUARY REPORTED BY DEPARTMENT OF LABOR

Practically no change in the general level of wholesale prices from January to February is shown by information collected in representative markets by the Bureau of Labor Statistics of the U. S. Department of Labor. The bureau's weighted index number, computed on prices in the year 1926 as the base and including 550 commodities or price series, stands at 96.4 for February compared with 96.3 for January, an increase of one-tenth of 1 per cent. Compared with February, 1927, with an index number of 95.9, an increase of one-half of 1 per cent is shown.

Foods as a whole advanced slightly. Small price increases are shown for fuel and lighting materials, metals, and metal products, and building materials.

Of the 550 commodities or price series for which comparable information for

January and February was collected, increases were shown in 134 instances and decreases in 139 instances. In 277 instances no change in price was reported.

Comparing prices in February with those of a year ago, as measured by changes in the index numbers, it is seen that farm products and hides and leather products were considerably higher, while foods and textile products were somewhat higher. Slight increases are shown for metals and metal products and house-furnishing goods, while small decreases are shown for building materials, chemicals and drugs, and miscellaneous commodities. Fuel and lighting materials, owing to large decreases in bituminous coal, coke, and petroleum products, were 15 1/4 per cent cheaper than in February, 1927.

Index Numbers of Wholesale Prices by Groups and Sub-groups of Commodities		1926 = 100.0)			
		Feb. 1927	Ja. 1928	Feb. 1928	Pur. power of 1926 dollar Feb. (cts.)
Groups and sub-groups—					
Building materials	.....	96.2	90.8	91.0	109.9
Lumber	.....	96.0	88.5	88.9	112.5
Brick	.....	96.0	92.4	92.5	108.1
Cement	.....	96.5	96.5	96.5	103.6
Structural steel	.....	99.6	91.9	94.5	105.8
Paint materials	.....	94.5	88.0	85.9	116.4
Other building materials	.....	96.6	92.7	93.2	107.3

VIRGINIA COMMISSION REPORTS ON FIRE INSURANCE RATES.

An investigation of the fire insurance rates in Virginia has just been completed by a special commission appointed by the Governor of that State. The findings of the commission are of particular interest to lumber manufacturers and dealers. Among the conclusions and recommendations of the Commission, the following startling facts are emphasized: (1) That the fire insurance companies are making large profits and are declaring large dividends; (2) That their method

of estimating operating profit and loss, called by them "underwriting profit and loss," for rate making purposes is fallacious; (3) That if the proper basis for estimating operating profit or loss were used, it would be shown that the insurance companies are making more than a reasonable profit; (4) That in 1926 the insurance companies were allowed an increase in rates which will cost the policyholders of Virginia over a million dollars a year, which increase makes their operating profit still more unreasonable. That these increases should not have been granted in many cases and should be removed as quickly as possible.

THE OBSERVER

What He Hears
and Sees
On His Rounds



Their best year since the peak year 1921 was experienced by American electrical equipment exporters in 1927, according to the Electrical Equipment Division, Department of Commerce, announced March 15. Exports were valued at \$102,310,236, almost a \$4,000,000 gain over the \$98,955,215 shipped abroad in 1926, it is said.

As another step in the elimination of waste in industry, a survey of non-utilized wood, available as raw material for by-products industries, will be undertaken in North Carolina by the National Committee on Wood Utilization, of the Department of Commerce. A similar survey of Virginia is now nearly completed. This series of State surveys, planned to eventually cover the entire country, is part of the Committee's program of closer use of wood to enable profitable commercial reforestation.

For February the square yardage included in concrete pavement contract awards, according to the Portland Cement Association, was 7,164,342 sq. yds. The total awards for concrete roads, streets and alleys from January 1, 1928, to February 25, 1928, equalled 13,366,372 sq. yds.

Governor Young is requested in a resolution passed by the city council of Long Beach to include water control in his proposed call for a special session of the legislature. The St. Francis dam disaster has called to the public's attention the necessity for careful safeguarding the construction of such projects, to the end that life and property may not be jeopardized by construction in another county, the resolution said. The resolution was prompted by the projected construction of San Gabriel dam, and it was desired that any possible error in its construction might be avoided.

Steel and iron export trade in January totaled 205,766 tons, the largest month since January, 1927. Imports of 5553 tons represented a decrease of 8.9 per cent from December and 46 per cent from January, 1927.

A. L. Trowbridge, chief engineer for the Kern River Water Storage Dist., estimates the cost of a high storage dam below the forks of the Kern river, near Isabella, tentatively planned to store 150,000 acre feet of water for irrigation of 248,000 acres included in the district, at \$2,733,500. The engineer's summary of estimated costs of water storage at Isabella is as follows: Acquisition of site, \$645,000; concrete dam, \$1,423,200; supplementary earth fill dam, \$74,100, and obviating interference with the Borel power plant system, \$581,800.

Logging operations will be resumed by the Sugar Pine Lumber Co. on April 1, it is announced by C. L. Mullen, assistant general manager. The year's cut is expected to be about the same as that of last year, which was 80,000,000 feet. Advance crews will go into the camps in readiness about the 29th of this month, and about March 25 the woods crews will be sent to the various camps to get ready to start timbering April 1. Start of the 1928 season, Mullen says, finds the lumber company in much better shape than a year ago, and the woods crews will start right off at regular speed to make the schedule now set for them. B. A. Cannon, general manager of the company, is now in the East.

American engineers are already making plans to participate in the World Engineering Congress, which will be held in Tokio in October, 1929. The purpose of the congress is to promote international cooperation in the study of engineering science and problems. The American committee meets in Washington on March 22 at the invitation of Tsuneo Matsudaira, Japanese ambassador to the United States, to discuss details of the proposed trip to the Orient.

Wage rates in representative foundries and machine shops in the United States showed a definite increase between 1925 and 1927, according to the biennial wage survey of the industry just made public by the Bureau of Labor Statistics of the Department of Labor. The principal figures in the report are average full-time hours per week, average earnings per hour, and average full-time earnings per week, and cover 38,986 wage earners of 417 foundries and 86,771 wage earners of 526 machine shops in 28 states. The states not included in the report employ only 3 per cent of the total number of wage earners in these closely correlated industries, according to the 1925 Census of Manufacturers.

TRADE NOTES

At the first annual meeting of the board of directors of the Stewart Inso Board Co. held February 21st at St. Joseph, Missouri, A. D. Stewart was re-elected president, Charles Waddles was elected vice-president, I. A. Vant, treasurer, James A. Davis, secretary, and O. Robinson, assistant secretary-treasurer. The board of directors consist of the officers with the exception of Mr. Robinson, and the following men: William Goetz, St. Joseph, Mo.; William Albrecht, St. Joseph, Mo.; J. J. Linn, Kansas City, Mo.; Ed S. Linds, Wichita, Kans. The Inso Board plant has been in operation for about thirty days, turning out daily about 60,000 square feet of insulating board made from wheat straw. Technical difficulties have been overcome and within a short while the plant will be running to capacity.

Designed to be used as a universal solvent and in fact so named, a metal preservative oil has been announced by the Detroit Universal Solvent Co., Detroit, Mich., known as F-267. Besides having an affinity for all colors and all pigments the oil is claimed to produce a non-porous, tight clinging film, highly resistant to rust and corrosion by itself. It is claimed that only 40 to 60 per cent of the pigment required with linseed oil is necessary with this new oil and that at the same time a 20 to 25 per cent greater coverage is obtained.

Merritt Concrete Products Co. and M. Scholten of the California Concrete products Co., both California corporations, will jointly finance erection and operation of a plant covering 5.18 acres in 66th Ave., East Oakland, for the manufacture of concrete products. The plant will be served by either a Southern Pacific or Western Pacific spur.

Santa Cruz Portland Cement direct on March 20 voted the usual quarterly dividend of \$1 a share, payable April to stockholders of record March 22.

Fireboard Products Co., Inc., recently absorbed by the Paraffine Company Inc., has assumed complete control of the latter's plant at Antioch, according to deeds filed with the county record at Martinez transferring ownership of the Antioch facilities to the Fireboard Co. The deed covers the Antioch plant and adjacent acreage utilized for storage of materials.

Pratt-Rymer Co. is having a plant erected in Washington avenue, San Leandro, for the manufacture of front and interior door locks. Officers of the company are: O. W. H. Pratt of Alameda, president; John A. Rymer of Oakland, first vice president; J. H. Petersen of Dixon, second vice president; S. Pratt of San Leandro, secretary-treasurer.

American Truck Mixers Co. of San Francisco, capitalized for \$100,000, has been incorporated. Directors are: O. L. Barrymore; C. C. Bills; B. L. Nielsen; J. R. McElroy and G. S. Conger.

Stimulation and extension of markets for their cement products, in keeping with a comprehensive program of expansion, will be started in Hawaii, according to C. A. Low, vice-president and general manager of the Monolith Portland Cement Company. Capt. A. Bullock-Webster, special representative of the Monolith interests, is now in Honolulu, where he will make his headquarters for several months to direct the program of promotion and distribution of Monolith products in that territory.

Pacific Rock Co. has purchased 68 acres of sand and gravel bearing land in the town of Centerville, Alameda county, at the intersection of the Dumbarton bridge road and the Oakland-San Jose highway. The deposit is part of the so-called Alameda creek gravel beds, which for many years have been commercially mined and sold for building purposes around the metropolitan area of San Francisco bay. Another recent activity of the company is the acquiring of 50 feet on the Southern Pacific Co.'s right of way, adjoining the Centerville railroad station. A number of bankers and business men in Alameda county are interested in the company. Lee J. Frontz, who for fifteen years has operated rock companies in Alameda county and was one of the founders of the California Rock Co. of Elliott, Cal., is manager for the concern.

Tentative cost estimates on fifteen proposed municipal improvement projects involving a total estimated cost of \$1,317,000, have been prepared by Allan Wagner, city engineer of Sacramento. In preparing the estimates the authorities have not contemplated that the work be done in any one year. The projects are part of a 10-year program and some of them of such a nature that they may be financed by bond issue. Contemplated improvements include a police and fire alarm system, additional traffic signals, new firehouses and equipment, street and park improvements, etc.

ALONG THE LINE

H. Gunby, manager of retail lumber of the Diamond Match Co., at Chico, injured when his automobile overturned on the state highway north of Marysville, is in a critical condition in a Marysville hospital. Gunby is reported to be semiconscious at times.

State inspection of municipally constructed dams will be proposed in a bill to be introduced in the 1929 legislature by Senator Edwin Mueller of San Diego. Mueller believes the St. Francis Dam disaster in the South indicates the need of state supervision of such municipal projects.

Appointment of Professor Harry Bruce Walker, nationally known engineering research expert, to the faculty of the University of California, effective July 1, is announced by President W. Campbell. Professor Walker recently resigned from the faculty of the Kansas State Agricultural College at Manhattan, Kas., where he had been since 1910, according to President Campbell. He has held several important positions in state and national engineering research and advisory bodies, and was a captain of engineers during the World war.

Frank H. Lascy has been named town engineer of Mill Valley, succeeding J. Oglesby, resigned.

San Diego city council contemplates the construction of a municipal paving plant. The cost is estimated at \$350,000.

Jos. P. Leonard, 57, contracting member, died at his home in Alameda, March 19 after an illness of six weeks from heart trouble and dropsy.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 718, 57 Post Street, San Francisco, (Phone Sutter 1684).

-38-X-447-CS SALES ENGINEERS abt. 30, technical graduates, preferably structural engineers to promote among architects, engineers and contractors, steel roof decking and to maintain enthusiasm and help salesmen in company's various branch offices. Must be trained in roofing and especially in insulating material. One man for East, one for Midwest and one for the South. Will be required to travel to headquarters at own expense for 1 mo. special training before being assigned to a territory. Salary \$250-\$300 a mo. with all expenses paid when traveling. Apply by letter. Location Midwest.

R-1128-S ENGINEER, with 2-2 years exp. in teaching or experimental work in prominent university or industry, to direct the mechanical development and research work of a large mfg. company. Must have proved ability to direct development work. Apply by letter Loc. Midwest.

R-1514-S POSITIONS OPEN on a large construction project in Northern Mexico for a rock and excavation foreman and a carpenter foreman experienced on concrete form work. Also experienced time keeper. Knowledge of Spanish required. Hdqts. S. F. Apply by letter.

R-1537-S JUNIOR DRAFTSMAN, 22-30 years old, neat letterer and experienced on maps and statistical charts. Does not require college graduate. Permanent. Location San Francisco.

A. G. C. RAISE OBJECTIONS TO CONTRACT RESTRICTIONS

According to Paul Wootton, Washington correspondent for Engineering News-Record, New York, strenuous objection is being raised by the Associated General Contractors against proposed legislation that would place restrictions upon contractors engaged in public works, in the matters of preference in the employment of labor and in establishing other requirements affecting government contracts. A proposed amendment to the latter bill, requiring the use of domestic cement only, also is opposed by them. The bill dealing with preferences in the employment of labor requires the employment first of those who have been honorably discharged from the military or naval service and who are residents of the locality in which the work is to be performed. Other citizens who are bona fide residents of the state, territory or district in which the work is located are to be employed next. No aliens are to be employed if citizens of the United States are available for employment. The attitude of the A.G.C. toward the establishment of uniform requirements affecting government contracts is that such details should be matters of specifications rather than of basic law.

EAST BAY ARCHITECTS OFFER FREE CONSULTATIONS

Free architectural consultations on your building problems will be furnished throughout the "Build Better" campaign by prominent Oakland architects. A man who knows his T-square will be ready and willing to give advice on any problem, it is announced by Chester A. Miller, president of the society.

This service will be furnished daily at the Builders' Exhibit Palace, 363 Hobart St., Oakland.

The Society of Architects of Alameda County, one of the sponsors of the "Build Better" campaign, has arranged for one of its members to be in daily attendance at the exhibit to confer with and advise all who are planning to build.

Home-made plans will be given particular attention and the amateur draftsmen will be given practical information on costs, materials, economics and beautiful lines.

In addition to the free consultations, the architects have one of the most comprehensive exhibits of local architecture ever shown in Oakland. Among the Oakland architects who have displays are:

Major Harris Allen, Claude B. Barton, John J. Donovan, Charles W. McCall, Mrs. Gertrude Comfort Morrow, Frederick H. Reimers, William F. Schirmer, Wallace & Wastell and William R. Yelland.

NEW BUSINESS DECADE PREDICTED BY ROGER BABSON

Loring Pratt, Editor of Institutional Merchandising, in reporting an interview with Roger W. Babson, quotes him as saying that we are entering on a period of generally settled conditions, satisfactory employment, and sane prosperity. In some parts of the country the people are enjoying more prosperity now than they have known for a long time.

"In general," said Mr. Babson, "we are entering a period of stabilization and standardization. Post-war adjustments have been going on for ten years. Now things are pretty well shaken down and readjusted. New normals have been established. The froth of super-service and de luxe this and that will be passed up by most people who want reasonable service for their money."

According to Mr. Babson the public is going to consider price and sound values for the next ten years rather than be interested in unnecessary and expensive frills of super-service.

STANDARD FORMS FOR CONCRETE FLOORS TO BE DISCUSSED

A tentative simplified practice recommendation on form dimensions for concrete ribbed floor construction has been prepared by the Bureau of Standards. This is the direct result of a preliminary conference in the fall of 1927 with the manufacturers and distributors of these forms. Since the recommendation has been found satisfactory by a representative number of concerns, it is to be submitted to a general conference of the Concrete Reinforcing Steel Institute.

The recommendation proposes to standardize the following:

(1) 20 and 30 in. width pans only; (2) tapers in 3 ft. lengths; total contraction of 4 in. for 20-in. pans and 6 in. for 30-in. pans; (3) both normal and tapered end pans complying with (1) and (2); (4) 10-in. and 15-in. widths for special filler forms; and (5) depths varying by multiples of 2 in. ranging from a minimum of 6 in. to a maximum of 14 in. The depth is interpreted to mean the vertical distance from the under side of the concrete slab above the center of the pan to the bottom of the concrete slab.

BUILDING MATERIAL DEALERS ELECT DIRECTORS

B. A. Newman, L. L. Walker and Elmer Lord were re-elected directors of the Fresno Building Material Dealers' Association at the annual meeting at the Hotel Fresno, March 19. Charles M. Wilson and Ben Maisler were selected new directors of the board.

President Newman read his annual report, showing that the association had made progress in all phases of its work. The financial condition of the organization was reported by L. J. Allen, treasurer, while F. J. Robinson, secretary, reviewed activities and meetings sponsored during 1927.

New officers of the association are to be elected within a few days.

HOLLOW BUILDING TILE MEN REORGANIZE

The Hollow Building Tile Association held one of its most important conventions at Chicago on February 1, 2 and 3. With the unanimous approval of delegates a new plan of reorganization which will greatly broaden the scope of the association was adopted.

With this new plan of reorganization the association will find itself in a better financial situation than ever before, it is said, due to 100% increase in dues to 10 cents a ton.

With the increased funds available from this increased tonnage, the association will be able to carry on a vigorous program of research, advertising and engineering promotional work.

BUILDING MATERIAL COSTS ON DECREASE SAYS BUILDER

One can build better and build more cheaply, James H. Pedgrift, president of the Builders' Exchange of Alameda County, finds as the result of a survey of materials and realty prices in the East Bay district.

"On an average," Pedgrift said, "the cost of materials and real estate is about 25 per cent lower than a year ago."

"The supply of skilled labor is ample, which was not the case a few months since."

Election of eleven directors and the official staff of the Fresno Builders' Exchange will be the principal business of the exchange members at their annual meeting at the Hotel Fresno at 6:30 p. m., March 26, according to Secretary-Manager Harry R. Cayford. The meeting will start with a dinner and the program will include entertainment numbers and reports of the officers for 1927.

Building News Section

APARTMENTS

Plans Being Figured
APARTMENTS Cost \$12,000
SAN JOSE, Santa Clara Co., Santa Clara
 ave. bet 2nd and 3rd sts.
 Alterations to present two-story brick
 bldg. (2 stories and 1 apt.)
 Owner—Mr. Rampone.
 Architect—Wolfe & Higgins, Realty Bldg.,
 San Jose.

Completing Revised Plans.
APARTMENTS Cost, \$15,000
SAN FRANCISCO, NE Church and
 Twenty-second Streets.
 Two-story and basement frame and
 stucco apartment building (7 apts.)
 Owner—George Reede, Humboldt Bank
 Bldg., San Francisco.
 Architect—Bos & Quandt, Humboldt Bk.
 Bldg., San Francisco.
 Bids will be taken for a general con-
 tract in one week.

Completing Plans.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, Twelfth Ave. and
 Moraga Street.
 Two-story and basement frame and
 stucco apartment building.
 Owner—Mrs. Francis.
 Architect—Quandt & Bos, 755 Market
 St., San Francisco.
 Bids will be taken for a general con-
 tract in one week.

Concrete Contract Awarded
APARTMENTS Cost, price \$97,200
SAN FRANCISCO, NE Dolores and 14th
 streets.
 Five-story and basement reinforced con-
 crete class C apartment building, 71
 rooms.
 Owner—P. A. Branswarth, 3926 18th
 avenue.
 Architect—Albert H. Larsen, 447 Sutter
 street.
 Contractor—G. P. W. Jensen, 329 Mar-
 ket st.
Concrete—De Luca & Son, 666 Mission st.
 Sub-bids on other parts of the work
 are now being taken.

As previously reported, structural steel
 awarded Judson-Pacific Co., 609 Mission.

APARTMENTS Cost \$15,000
SAN FRANCISCO, E 11th ave. N Geary
 street.
 Two-story and base. frame and stucco
 apt. bldg., 4 1-room apts.
 Owner—Mrs. T. Offutt.
 Architect—R. R. Irvine and L. Ebbets,
 Call Bldg.
 Contractor—James Smith, 268 11th ave.

Concrete and Reinforcing Steel Bids
 Wanted.

APARTMENTS Cost \$163,000
SAN FRANCISCO, NE Bay and Polk
 streets.
 Six-story, basement and sub-basement
 steel frame and concrete apartment
 building (102 rooms, elevators, re-
 frigeration, etc.)
 Owner—Eugene Munson, 1473 7th ave.,
 S. F.

Architect—Albert H. Larsen, 117 Sutter.
 Structural steel bids are in and will
 be awarded March 19.

Bidding permit applied for.

Working Drawing Being Prepared.
APARTMENTS Cost \$50,000
SAN FRANCISCO, Vallejo and Mason
 Four-story reinforced concrete apt. bldg.,
 12 2, 3 and 1-room apts.
 Owner—Mrs. Ferrari.
 Architect—P. F. DeMartin, 918 Broad-
 way.

Plans will be completed in 2 weeks.
 Work will probably be done by day's
 work.

RENO, Nevada—George C. Liden, Reno
 has purchased property at Hill and Court
 sts. and will erect modern apartment
 house, site is 10x110 ft. Will be three-
 or four stories containing approx. 60
 apts.

Sub-Contracts Awarded.

APARTMENTS Cost, \$—
SAN FRANCISCO, NW Fell & Buchanan
 Streets.

Six-story steel frame and concrete apart-
 ment building (21 2-room and 6 3-
 room apts.); electric refrigeration;
 elevator; steam heating, etc.

Owner—Fred Hechter, 1424 Balboa St.,
 San Francisco.

Architect—R. R. Irvine and L. Ebbets,
 Call Bldg., San Francisco.

Iron Work—Golden Gate Iron Works,
 1511 Howard St., San Francisco.

Reinforcing Steel—Frederick Steel Co.,
 58 Sutter St., San Francisco.

Electric Refrigeration—Norge Electric
 Refrigerating Co., 681 Market St.,
 San Francisco.

Wrecking—California Wrecking Co., 666
 Mission St., San Francisco.

As previously reported, concrete, re-
 inforcing steel, wood form awarded to
 California Concrete Co., 8 Avery St., S.
 F.; plumbing to J. J. McLeod, 1246 Golden
 Gate Ave., S. F.

Owner Taking Bids

Plans Being Figured—Bids Close March
 23.

APARTMENTS Cost \$110,000
SAN JOSE, Santa Clara Co., Cal., N-
 First st. and Hensley ave.

Two-story frame and stucco apartment
 building, 34 apts.

Owner—C. W. Hobson.

Architect—Wolfe & Higgins, Realty Bldg.,
 San Jose.

Segregated bids are being taken.

Revised Plans Complete

APARTMENTS Cost \$250,000
SAN FRANCISCO, Mission District.

Ten-story class C steel frame and brick
 bldg., 50 apts., stores, offices and
 garage.

Owner—Withheld.

Architect—R. R. Irvine and L. Ebbets,
 Call Bldg.

Engineer—James Smith, 251 Kearny st.

Two stories of the structure will be
 devoted to garage. One story for stores
 and one floor for doctors' offices. Pre-
 viously reported for a reinforced concrete
 building.

Owner Taking Bids.

APARTMENTS Cost, \$150,000
BERKELEY, Alameda Co., Cal. Dwight
 Way and Ellsworth St.

Six-story reinforced concrete apartment
 building (50 2 and 3-room apts.)

Owner—J. T. Fletcher.

Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

BONDS

PRINCETON, Colusa Co., Cal.—Elec-
 tion will be called shortly in Princeton
 High School District to vote bonds of
 \$25,000 to finance erection of new ele-
 mentary school to replace the present
 structure which is considered unsafe.

SANTA MARIA, Cal.—Santa Maria
 School District votes bonds of \$65,000 to
 finance erection of new school and ad-
 ditions and alterations to standing
 structure.

REDDING, Shasta Co., Cal.—Until
 April 3 bids will be received by county
 supervisors for purchase of \$2500 bond
 issue of Cove School District; proceeds of
 sale to finance school improvements.

SAN LEANDRO, Alameda Co., Cal.—
 City will call election shortly to vote
 bonds of \$30,000 to finance erection of
 modern fire station building.

DELANO, Kern Co., Cal.—Election
 will be held April 28 in Delano Joint
 Union High School District to vote bonds
 of \$75,000 to finance erection of additional
 buildings at school grounds. Previous
 election defeated. Preliminary plans for
 the structures have been prepared by
 Architect Chas. H. Biggar, Bank of
 Italy Bldg., Bakersfield.

WEED, Siskiyou Co., Cal.—Election
 will be held April 7 in Weed Union
 School District to vote bonds of \$12,000
 to finance erection of new school. Trust-
 ees of district are: W. H. King, Walter
 P. Sexton, W. E. Tebbe, J. M. White and
 M. H. Neimeyer.

LOS BANOS, Merced Co., Cal.—Los
 Banos School Dist. votes bonds of \$25,000
 to finance erection of 2-classroom ad-
 dition to present school.

WINSLOW, Ariz.—Bonds of \$160,000
 voted to erect new high school buildings.
 Trost & Trost, El Paso, and Chris Tot-
 ten, Prescott, architects.

LOS ANGELES, Cal.—Architect Nor-
 man W. Alpaugh, 2404 W. Seventh St.,
 preparing plans for 13-story, basement
 and sub-basement Class A apartment to
 be erected at Wilshire Blvd. and Com-
 monwealth Ave. for United Pacific Se-
 curities Co., 821 Security Title Insurance
 Bldg. 500 rooms with ballroom, roof
 garden, etc., steel frame with brick filler
 walls, reinforced concrete floors and
 roof; cost, \$1,000,000.

BURBANK, Los Angeles Co., Cal.—
 City votes bonds of \$756,000 to finance
 school improvements. Major imps. will
 include new Jr. High School in valley
 section; addition of 20 classrooms and
 auditorium to present Jr. High School
 and additions to existing schools.

CHURCHES

Contractor Taking Sub-figures
CHURCH Cost \$10,000

SAN JOSE, Santa Clara Co., 21st and
 San Fernando sts.

One-story frame and stucco church bldg.
 Owner—Church of the Nazarene.

Plans by Mr. Anderson.

Contractor—Paul N. Anderson, Lincoln
 and Melone sts., San Jose.

Contract Awarded
CHURCH Cost \$28,000

GRIDLEY, Butte Co., SW Oregon and
 Hazel sts.

One-story reinforced concrete church
 bldg., seating capacity 300.

Owner—Gridley Sacred Heart Church
 (Rev. Patrick Kennedy, pastor).

Architect—Harry Devine, 1405 41st st.,
 Sacramento.

Contractor—Lindgren & Swinerton, Cal-
 ifornia State Life Bldg., Sacramento.

Orders-Inquiries

60
pages

Send
for
FREE Copy

Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000
different lines of business. No matter
what your business, in this book you
will find the number of your prospective
customers listed.
Valuable information is also given as to
how you can use the mails to secure
orders and inquiries for your products
or services.

Write for Your **FREE** Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

MOUNTAIN VIEW, Santa Clara Co., Cal.—St. Joseph's Catholic Church destroyed by fire; loss estimated at \$100,000.

VATSONVILLE, Santa Cruz Co., Cal.—K. Sakata of the L. & W. Lulu C. 239 First st., will erect a gasoline service station in Vail Ness ave., the plans from which will go to financing of a \$50,000 Japanese Presbyterian Church building on a site already purchased in First st.

STOCKTON, San Joaquin Co., Cal.—Central Methodist Church and three-story structure adjoining destroyed by fire, March 17; loss is estimated at \$100,000.

Preparing Working Drawings.
OPERATIONS Cost, \$50,000
SACRAMENTO, Sacramento Co., Cal.—Twenty-seventh and N Streets. Operations and additions to present church building (Bible school addition; auditorium, etc.)
Owner—First Christian Church.
Architect—Jens. C. Petersen, California State Life Bldg., Sacramento.
Plans will be ready for bids in six weeks.

Plans Being Completed Cost \$27,000
STOCKTON, San Joaquin Co., Cal., Miner and Sierra Nevada sts.
Two-story brick church, Sunday school and social rooms.
Owner—East Side Presbyterian Church.
Architect—Davis-Pearce Co., Grant and Weber sts., Stockton.
General bids will be taken in 10 days.

FACTORIES & WAREHOUSES

SAN FRANCISCO—Jos. Pasqualetti, 53 Market st., has purchased site on south side of Brannan st., west of Third, and will improve the property at a later date. Negotiations are now under way for a four-story reinforced concrete bldg. However, the project is in a very preliminary state, and no definite information is available at this time.

PLACERVILLE, El Dorado Co., Cal.—Fred Fisher & Son, Placerville, have started erection of one-story frame and wood shop building at Main and Coloma sts. for Perkins' Placerville Tire Shop.

Sub-contracts Awarded
WAREHOUSE Cost \$25,000
OAKLAND, Alameda Co., 2310 Peralta st. rebuilding hollow tile and brick warehouse (recently destroyed by fire.)
Owner—East Bay Iron & Metal Works.
Plans by Charles Wagner, Hobart Bldg., S. F.
Contractor—Spivock & Spivock, Hobart Bldg., S. F.
Roofing—Alta Roofing Co., 225 Gough st., S. F.
Reinforcing steel—Frederick Steel Co., 58 Sutter st., S. F.
Structural iron—Herrick Iron Works, 16th and Campbell sts., Oakland.
Steel sash—Michel & Pfeffer Iron Works, Harrison and 10th sts., S. F.
Special Hardware—B. Simmon Hardware Co., 639 Broadway, Oakland.
Lumber—Smith Lumber Co., foot of 18th ave., Oakland.

DUNSMUIR, Siskiyou Co., Cal.—J. A. Martin, operating Martin's Cleaning Works, is having plans prepared for a one-story fireproof cleaning plant to be erected on highway in north Dunsmuir section; will be 46 by 30 feet.

RENO, Nevada—Until April 19, 12 noon, bids will be rec. by E. H. Beemer, county clerk, to erect storage warehouse at county hospital grounds. Geo. A. Ferris, architect, Cladianos Bldg., Reno. Cert. check 10 per cent payable to Board of County Commissioners of Washoe county. Plans obtainable from architect on deposit of \$10, returnable.

OAKLAND, Alameda Co., Cal.—The Merritt Concrete Products Co. of San Jose, and the California Concrete Co., have purchased 5.18 acres of property on 66th Ave., and East Oakland and plan to erect a new plant. Project is yet in a very preliminary state and no definite arrangements have been made at this time. H. A. Weigand is the engineer for the Merritt Concrete Products Co., and M. Scholten of the California Company.

OAKLAND, Cal.—California Packing Corp., 101 California St., San Francisco, will purchase additional equipment for Oakland packing plant. Philip Bush, 101 California St., San Francisco, is chief engineer for the company.

OAKLAND, Cal.—Until March 26, 5:30 p. m., bids will be received by City Port Comm., Oakland Bank Bldg., to construct super-structure for Hangar No. 3 at Municipal Airport. Will have structural steel frame with corr. iron covering. Contract for foundation work has been awarded to Triberti & Massaro, 635 44th st., Oakland. Plans obtainable from secty. of City Port Comm.

MARTINEZ, Contra Costa Co., Cal.—Duncan-Harrelson Co., DeYoung Bldg., San Francisco, awarded contract and has started work for Western Oil & Refining Co., lessees of a portion of the Petroleum Products Plant, on an extension of Ozol Wharf 700 ft. into deep water with wharf approach 8 ft. wide. Contract for grading in connection with the project awarded to Mrs. E. E. O'Brien of Martinez. Western Pipe & Steel Co., 444 Market St., San Francisco, has contract for oil storage tanks. Total money expenditure will be approximately \$400,000.

SAN LEANDRO, Alameda Co., Cal.—R. E. Nikirk, San Leandro, at \$6000 awarded contract by Pratt-Ryner Co., manufacturers of door locks, to erect a one-story frame factory in Washington Ave. First unit of plant will contain 7000 sq. ft.

Reinforcing Steel Contract Awarded.
FACTORY Cost, \$175,000 (with equip. \$275,000)
SAN FRANCISCO, NE Tenth and Howard Sts., running to Grace St.
Three-story and basement and mezzanine floor and basement concrete flat slab construction candy and confection factory (86,000 sq. ft.)
Owner—Mrs. Martha W. Fischer.
Architect—Willis Lowe, 354 Hobart St., Oakland.
Lessee—Geo. Haas & Sons, S. F.
Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco.
Reinforcing Steel—Soule Steel Co. Rialto Bldg., San Francisco.
Building will be erected to support two additional stories. Steel sash, two elevators, one passenger and one freight. Cafeteria and recreation room on roof. Sub-bids will be taken in one week. Previously reported as being awarded to Monson Bros., 251 Kearny St.

Plans Being Figured
SHOP BLDG. Cost \$11,000
SAN JOSE, Santa Clara Co., 6th and John sts.
One and two-story reinforced concrete machine shop building.
Owner—Mr. Pratt.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.

VALLEJO, Solano Co., Cal.—J. E. Fuller, 905 York St., Vallejo, has contract to erect one-story reinforced concrete dyeing and cleaning plant at 315 Maine St. for Paul Verdier, operating the City Cleaning & Dyeing Works; est. cost \$4000. Building permit has been granted.

PETALUMA, Sonoma Co., Cal.—California Petroleum Corp., Petroleum Securities Bldg., Los Angeles, has purchased 3-acre site with frontage of 378 ft. on Northwestern Pacific R. R. and 154 ft. on deep water frontage and will erect a distributing and storage plant, including wharf and buildings, tanks, etc.

RENO, Nevada—Architect Geo. A. Ferris & Son, Cladianos Bldg., Reno, commissioned by Washoe County Commissioners to prepare plans for new steel frame and corrugated iron ware house for storage and repair of county road equipment at county hospital grounds.

Contract Awarded
WAREHOUSE Cost \$43,551
OAKLAND, Alameda Co., Cal., 46th and Shattuck ave.
Five-story reinforced concrete warehouse. Owner—John Diestel and D. J. Sullivan, 1107 Hearst Bldg., S. F.
Architect—H. C. Bauman, 251 Kearny st.
Contractor—H. H. Larsen, S. F.

GARAGES

HANFORD, Kings Co., Cal.—Garage building of Hanford Union High School District together with school bus equipment suffered a \$40,000 fire loss recently.

PORTERVILLE, Tulare Co., Cal.—Mrs. L. M. Antwerp, Long Beach, will erect a garage to be occupied by R. O. Leohnert, proprietor of Dick's Automotive Service; 100x100; brick construction with stucco exterior.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—The following bids were received by Constructing Quartermaster, Fort Mason, for painting buildings at Letterman General Hospital:
Jos. L. Burdon & Son, 354 Hobart st., Oakland. \$13,380
Zeb Knott, Richmond 14,089
E. Anderson, S. F. 14,200
J. H. De Vert, Inc., S. F. 16,210
J. H. Mohr & Son, Inc., S. F. 16,597
Aristo Painting Co., S. F. 16,451
Frank L. Dixon, S. F. 17,270
Christian De Marta, S. F. 17,530
B. E. Burgess 18,000
J. Chaban, S. F. 20,645
Monroe Moore, S. F. 22,495

PORTLAND, Ore.—B. Grunwald, Inc., 1110 Farnam St., Omaha, Neb., at \$14,983 awarded contract by U. S. Veterans' Bureau, Washington, D. C. for steel oil tanks and oil burners in connection with U. S. Veterans' Hospital now in course of construction at Portland, Ore.

BENICIA, Solano Co., Cal.—Until March 30, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, San Francisco, for fencing cemetery at Benicia Arsenal. Plans and further information obtainable from above office. See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Robert E. McKee, Central Bldg., Los Angeles, at \$176,000 awarded contract by Bureau of Yards and Docks, Navy Dept., to construct pier at foot of E st., San Diego; will be 65x430 ft. in addition to constructing bulkhead 185 ft. long; also 8000 cu. yds. dredging and filling. Pier construction will involve 350 reinf. conc. pipes, 20x20 in., 40 to 62 ft. long; 1500 cu. yds. reinf. conc.; 100 tons reinf. steel; 2600 ft. 8x24-in. reinf. conc. sheet piling; 3000 sq. ft. timber (relieving platform); 100 creosoted fender piles; 140 untreated piles. Tracks, water and electric supply system, bitss, timber work, etc., also included in project. Contract was awarded on the design a, cast in place concrete superstructure.

SAN DIEGO, Cal.—San Diego Screen Mfg. Co. awarded contract by Bureau of Yards and Docks at \$4887.40 to fur, and install screens on new hospital buildings at San Diego. Otis Elevator Co. awarded contract at \$630 to install hand power elevator in mortuary and S. Heller Elevator Co. contract at \$794 to fur. passenger elevator for supply depot.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

OAKLAND, Cal.—San Francisco Elevator Co. has submitted low bid to county supervisors for repairs and alterations to the elevators in Highland (County) Hospital, guaranteeing the job for one year. Pacific Elevator Co. only other bidder at \$16,000. Bids taken under advertisement.

OAKLAND, Cal.—As previously reported, bids will be received by Geo. E. Gross, county clerk, until April 9, 10:30 A. M., to erect one-story frame dormitory building to be known as Dormitory No. 2 at Del Valle Farm for children, near Livermore. Henry H. Meyers, architect, Kohl Bldg., San Francisco. Est. cost \$5,000. Cert. check 10% payable to county clerk req. with bid. Plans obtainable from clerk on deposit of \$50, returnable. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—See "Government Work and Supplies." This issue. Contract awarded for oil tanks and oil burners at U. S. Veterans' Hospital.

OROVILLE, Butte Co., Cal.—County supervisors are considering plans for \$35,000 unit at county hospital grounds to provide for sickness, injuries and maternity cases; 30-bed capacity. Structures now used for such purposes at the hospital will be razed. C. F. Belding is county clerk.

REDLANDS, Cal.—Until 12 o'clock noon, March 27, bids will be received by Community Hospital Association to erect hospital. Myron Hunt and H. C. Chambers, 1107 Hibernian Bldg., Los Angeles, architects. Bids are being taken separately on the general contract, sheet metal work, lathing and plastering, electric wiring, plumbing, heating and ventilating, finish hardware, painting, tile and marble work, tile roofing, and kitchen equipment; one-story structure designed in Spanish style; hollow concrete wall construction, with stucco exterior, clay tile roof, etc. Cost, \$150,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Architect L. D. Esty, Alta Bldg., Santa Cruz, has completed plans for proposed county tuberculosis unit to be erected at county hospital grounds; will contain 16 rooms; frame construction with Pabco roof; will be 32 by 110 ft. Bids for construction will probably be asked at the next meeting of the supervisors.

FRESNO, Fresno Co., Cal.—Until April 6, 2 p. m., bids will be rec. by D. M. Barnwell, county clerk, to erect Central Unit and Wards A and B for County Tubercular Sanatorium, near Auberry, Fresno county. Chas. E. Butler, architect, Cory Bldg., Fresno. Bids are wanted for (1) general construction; (2) plumbing and heating; (3) electric work. Cert. check 10 per cent payable to chairman of Bd. of Sups. req. with bid. Plans obtainable from clerk on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

Contract Awarded.
HOME FOR AGED Cost, \$80,000
OAKLAND, Alameda Co., Cal. Tompkins Ave. and Wilkie Street.
Two-story Class C home for aged (70 rooms, kitchen, dining hall, etc.)
Owner—Beulah Rest Home.
Architect—Blaine & Olsen, 1755 Broadway, Oakland.

Contractor—T. A. Cuthbertson, 430 Noriega St., San Francisco.
Sub-bids will be taken in one week.

Plans Being Prepared
HOSPITAL Cost \$—
MODESTO, Stanislaus Co.
Additional units to county hospital.
Owner—Stanislaus County.
Architect—Russell Guerne De Lappe, 1017 Poy Bldg., Oakland; V. Ogilvy, Ray Bldg., Oakland, associate.

The first unit has just been completed by J. H. Carpenter, 29 E. Willow street, Stockton, at a cost of \$22,487.

SAN FRANCISCO Board of Health Committee of the Emergency Hospital Assn. will petition the Board of Supervisors to provide funds to establish 3 new emergency hospitals—one in the Marina, another in the Richmond and a third in the Mission-Eureka district, to supplement the five emergency hospitals now in use. Dr. Alex. Keenan is chairman of the committee.

MARE ISLAND, Cal.—Bureau of Yards and Docks, Navy Department, contemplates \$50,000 expenditure to repair and extend causeway at Mare Island Navy Yard, bet. Mare Island and Vallejo.

WASHINGTON, D. C. (By Special Wire)—Herman Lawson, 165 Tehama st., San Francisco, at \$10,080, submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for hydrotherapeutic equipment at the navy yard hospital, Mare Island. The work consists of furnishing and installing the following hydrotherapeutic equipment with connections to the existing hot and cold water supply, waste, vent and steam lines, control table, sitz baths, perfect douche, combined needle and shower bath, arm bath, leg bath, continuous flow bath tub, shampoo table, shampoo fixture and timentation sink. Other bids: Turner Co., \$12,990; Burman Plumbing Co., \$10,027.

SAN FRANCISCO—Until March 27, 11 a. m., under Order No. 3545-1279, bids will be rec. by U. S. Engineer Office, 85 2nd st., to fur. and del. Rio Vista, Solano county, pipe flanges, brass and galv. pipe, asbestos steam pipe covering, flexible metallic steam hose, etc. Further information obtainable from above office.

OAKLAND, Cal.—Assistant Postmaster W. W. Robson is asking bids for new site for Oakland Post Office building. The bill authorized by congress grants two alternatives. The first permits the purchase of a new site and construction of a new building to cost not more than \$1,500,000 and the sale of the present site for not less than \$1,750,000. The second plan is the demolition of the present building and the erection of a new one. Robson advertised for bids for sale of a parcel of land centrally located, 110 by 195 feet in size. Bids must be in the hands of the supervising architect of the treasury department at Washington, 2 P. M., April 19.

SAN FERNANDO, Cal.—Until April 17, 11 a. m., bids will be rec. by U. S. Veterans Bureau, Construction Division, Arlington Bldg., Washington, D. C., for painting of plaster at U. S. Veterans Hospital at San Fernando.

WASHINGTON, D. C.—Until April 5, 10:30 a. m., under Schedule No. 1865, bids will be received by Panama Canal Commission, to fur. and del. Balboa (Pacific Port): Steel filing equipment, cable, portable cord, wire, storage batteries, transformers, meter-testing blocks, ammeters, magnetos, switches, hand lamps, fuses, projectors, refractors, electrical supplies and fixtures, screws, bolts, safety treads, steel drums, cans, water coolers, buckets, cuspidors, blow torches, locks, screen door springs, hinges, night latches, brushes, hickory handles, lumber crayone, paints, varnishes, paint ingredients and steam distilled wood turpentine. Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Contracts Awarded. March 17, 1928
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Sacramento Co., Cal. N K St., bet. 27th and 28th Sts.
Two-story and basement brick and tile lodge building (dining room in basement).
Owner—Eastern Star (Mrs. Arthur M. Seymour), 1605 H St., Sacramento.
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
Concrete, Mason and Carpenter Work—L. F. Gould, 1623 O St., Sacramento.
Lumber—Superior Lumber Co., 19th and S Sts., Sacramento.
Glass and Glazing—W. P. Fuller & Co., 1013 12th St., Sacramento.
Mill Work—Burnett & Sons Planing Mill, 201 V St., Sacramento.
Brick Work—W. J. Clifford, 2815 S St., Sacramento.
Ornamental Iron—Alling Iron Works, 1515 5th St., Sacramento.
Marble and Tile—H. O. Adams, 2610 I St., Sacramento.
Structural Steel—Palm Iron Works, 1815 15th St., Sacramento.

Plastering—Thomas F. Scollan Co., 2919 T St., Sacramento.
Painting—Conrad Schneider, 1335 39th St., Sacramento.
Roofing—A. B. Larson Roofing Co., 918 12th St., Sacramento.
Plumbing—H. Dixon, 2331 J St., Sacramento.
Heating—Hateley & Hateley, 1710 10th St., Sacramento.
Sheet Metal—Frank Z. Ahl Sheet Metal & Furnace Works, 1615 21st St., Sacramento.
Steel Sash—Thomas P. Scollan, 2919 T St., Sacramento.
Electrical—C. F. Vining, 2909 G St., Sacramento.
Reinforcing Steel—Thomas P. Scollan, Sacramento.

Plans Being Prepared
COMMUNITY HOUSE \$125,000
SAN FRANCISCO, California and Webster sts.
Three-story class C community house, 12 classrooms, banquet room, kitchen offices, etc.
Owner—Synagogue Community Center.
Architect—S. Heiman, 57 Post st.

Sub-Contract Awarded.
CLUB BLDG. Cost \$83,000
SAN FRANCISCO, Baker Street.
Four-story steel frame and concrete class C home and club bldg.
Owner—Native Daughters of the Golden West.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Lumber—Pope & Talbot, Russ Bldg.
Plumbing & Heating—J. H. Pinkerton, 927 Howard Street.
Structural Steel—McClintic Marshall Co., 74 New Montgomery St.
Reinf. steel—Soule Co., Rialto Bldg.
Sub-bids are being taken on other portions of the work.

SANGER, Fresno Co., Cal.—Sanger Aerie No. 1147, Fraternal Order of Eagles will form building corporation to finance erection of a \$25,000 store and lodge building on a site already purchased in N St., bet. Seventh and Eighth Sts. Building committee consists of J. C. Brandon, John Lilienbock, A. B. Camblin and Dave Martzwa.

MERCED, Merced Co., Cal.—E. K. Angle, Dos Palos, at \$5,000 awarded contract by county supervisors to erect Veterans Memorial Club building at Dos Palos.

SAN CARLOS, San Mateo Co., Cal.—San Carlos Community Center Club votes to purchase site and establish a community center recreation area in addition to a community clubhouse.

Construction Started.
FRATERNITY HOUSE Cost, \$50,000
BERKELEY, Alameda Co., Cal. Warring St. near Dwight Way.
Three-story and basement frame and stucco fraternity house.
Owner—Delta Upsilon, 2335 Warring St., Berkeley.
Architect—Lester H. Hibbard, Marsh Strong Bldg., Los Angeles.
Contractor—H. J. Christensen, 519 Ray Bldg., Oakland.

MADERA, Madera Co., Cal.—Until May 8, 10 a. m., bids will be received by L. W. Cooper, county clerk, to remodel old church building for American Legion club quarters and community auditorium. Est. cost \$15,000. Swartz & Ryland, architects, Rowell-Chandler Bldg., Fresno. Cert. check 10 per cent req. with bid. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

HOSPITALS

Completing Plans
HOSPITAL Cost \$35,000
IMOLA, Napa Co., Napa State Hospital.
Two bldgs., 1 1-story frame and stucco cottage and a 1-story reinf. concrete nurses home.
Owner—State of California.
Architect—Geo. B. McDougall, state architect, Forum Bldg., Sacramento.
Mgr. of Con.—O. L. Morton, Napa.
Bids will be taken for a general contract shortly.

BAKERSFIELD, Kern Co., Cal.—County Supervisors purchase 120 acres of land at Kneene to provide sites for additional buildings at Stony Brooke county tubercular hospital. The structures will be erected as they become necessary. Chas. Biggar, Bank of Italy Bldg., Bakersfield, architect.

HOTELS

Preparing Preliminary Plans
HOTEL Cost \$100,000
SAN FRANCISCO—location withheld.
Six-story steel frame and concrete hotel building, 75 rooms and baths, all modern conveniences.

Owner—Withheld.
Architect—R. R. Irvine and L. Ebbets, Call Bldg.
Construction will probably be under the supervision of the architects.

Sub-Bids Being Taken.

HOTEL Cost, \$500,000
SAN FRANCISCO. Geary St. and Maggle Alley.

Thirteen-story Class A hotel building 250 rooms, 80% baths; all modern conveniences.

Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

ICE AND COLD STORAGE PLANTS

WOODLAND, Yolo Co., Cal.—J. G. Motroni, Woodland, at \$5000 awarded contract by Anderson & Johnson, operating the City Meat Market, to erect cold storage plant in Cemetery Ave. north of Woodland; reinforced concrete and stone tile construction.

Plans Being Completed
COLD STORAGE PLANT. Cost \$250,000
WATSONVILLE, Santa Cruz Co., Cal., Beach road (150,000 sq. ft.)

One-story reinforced concrete cold storage plant, 300x500 ft.
Owner—Apple Growers Cold Storage Co. Engineers—Uttley & Kleindinst, 354 Hobart st., Oakland.

Segregated bids will be taken in one week.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 p. m., March 27, bids will be received by water and power commission for rigid steel conduit and bends under Spec. P A Adv. P-512. Bids, same date, to fur. steel guy cable. Spec. P A Adv. No. P-511, as follows: (1) 250,000 ft. ¼-in., (2) 300,000 ft. 5-16-in., (3) 100,000 ft. ¾-in., (4) 50,000 ft. 7-16-in.

TRUCKEE, Nevada Co., Cal.—Until March 27, 5 p. m., bids will be rec. by C. Edmunds, clerk, Truckee Public Utility Dist., to const. and install complete system for supplying electric light, heat and power to inhabitants of district. Cert. check 10 per cent payable to secty. req. with bid. Plans obtainable from secty. at Truckee on deposit of \$5, returnable. See call for bids under official proposal section in this issue.

SOUTHERN CALIFORNIA—See "Miscellaneous Building Construction," this issue; \$8,800,000 expenditure contemplated by Southern Calif. Telephone Co., for improvements during current year.

LOS ANGELES, Cal.—Until 3 p. m., March 30, bids will be rec. by water and power commission for fibre conduit under Spec. P-510. Bids, same date, to fur. lead covered cable under Spec. P-509.

FRESNO, Fresno Co., Cal.—San Joaquin Light & Power Co., Power Bldg., Fresno, abandoned proposal to construct 2000 h. p. power plant on Whiskey Creek as part of its hydro-electric development of the Kings and San Joaquin river.

AHWAHNEE, Madera Co., Cal.—Until April 14, 11:30 a. m., bids will be rec. by V. D. Whitmore, chairman, Tri-County Tubercular Hospital Committee, to rebuild secondary distribution lines and rewiring buildings for Tri-county Tubercular Hospital at Ahwahnee. Plans on file in the office of the county clerk at Modesto, Madera and Merced.

LOS ANGELES, Cal.—Allis-Chalmers Mfg. Co. was awarded cont. by water and power commission at \$117,465 for hydraulic equipment under P-421. This firm was also awarded the cont. for electric generating equipment and transformers at \$165,200. Westinghouse Electric & Mfg. Co. awarded cont. for oil circuit breakers at \$29,294.

PUBLIC BUILDINGS

SACRAMENTO, Cal.—City Engineer Allan J. Wagner estimates cost of new firehouse at Sixth ave. and Stockton blvd. at \$20,000. Site is owned by city.

SAN FRANCISCO—Postmaster Harry L. Todd announces plans under way to erect California's first memorial to George Washington. It is proposed to form a lobby in the proposed new Federal Building to be erected in the Civic Center; estimated cost \$150,000. One feature of the memorial will be a replica of Houdon's famous statue of the revolutionary leader.

Plans Being Figured—Bids Close April 23
MEMORIAL BLDG. Cost, \$63,000
CRESCENT CITY, Del Norte Co., Cal. Two-story reinforced concrete veterans' memorial building.

Owner—Crescent City.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

VALLEJO, Solano Co., Cal.—Bids will be asked at once by Alf E. Edgcombe, city clerk, for purchase of old city hall building at 715 Marin Street.

Plans Ready For Bids In Ten Days.
ADDITION Cost, \$20,000
LODI, San Joaquin Co., Cal. Brick and concrete addition to present library building.
Owner—City of Lodi.
Architect—Davis-Pearce Co., 47 N Grant St., Stockton.

BURLINGAME, San Mateo Co., Cal.—City council instructs Walter L. Scott, city building inspector, to prepare plans for proposed firehouse to be erected at Easton dr. and Cabrillo ave. Spec. prepared by the state architect will be used in construction. Plans are also to be prepared for a fire station at Palm and California drives.

RESIDENCES

Bids Opened
RESIDENCE Cost \$50,000
OAKLAND, Alameda Co., Hampton st. Two-story and base. frame and stucco residence, 14 rooms, 6 baths, 2-car garage.

Owner—Withheld.
Architect—Sidney B. Noble, and Archie T. Newsom, Federal Realty Bldg., Oakland.

General Work
George Mauer, 50 York dr., Oak...\$27,486
E. Trnamal, Oakland...28,334
A. Cedarborg, Oakland...29,123
F. C. Stolte, Oakland...29,455

Plumbing
W. H. Picard, 5656 College ave., Berkeley...\$2930
William Lahr, Oakland...3284
D. W. Durant, Oakland...3324

Ornamental Iron
Liberty Ornamental Iron & Wire Works, 21st and Filbert, Oakland...\$780
A. Howe, Oakland...990
Mr. Fedlemeyer...1560

CROWE GLASS CO.

675 Golden Gate Ave
Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

Finish Hardware

Maxwell Hardware Co., 1320 Washington st., Oakland...\$882

Electrical Work

Kenyon Electric Co., 526 18th st., Oakland...\$1188
Roberts Mfg. Co., Oakland...1339
Chas. Wilson, Oakland...1640

Painting

Alt. No. 1, ornamental work.
A. Van Heerden & Co., 6260 College ave., Berkeley, \$3369; alt. 1, \$280.
R. Garshol, Oakland, \$4432; alt. 1, \$280.

Tile Work

Rigney Tile Co., 3012 Harrison st., Oakland...\$3383

Contract Awarded.

RESIDENCE Cont. Price, \$9232
MIRA VISTA, Contra Costa Co., Cal. Two-story frame and stucco residence (9 rooms, 2 baths, double garage).
Owner—Ira Vaughan, City Treasurer, Richmond.

Architect—Raymond De Sanno and Lynn Bedwell, 271 10th St., Richmond.
Contractor—Carl Overaa, 23rd and Wilcox Sts., Richmond.

Low Bidder

RESIDENCE Cost, \$13,000
PALO ALTO, Santa Clara Co., Cal. Camps of Stanford University. Two-story frame and stucco residence.
Owner—Professor Eells, Stanford University, Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Low Bidder—The Minton Co., Palo Alto and Mt. View.

Plans Being Figured.

RESIDENCE Cost, \$10,000
REDWOOD CITY, San Mateo Co., Cal. White Oaks District. Two-story frame and stucco residence.
Owner—W. P. Archibald.
Architect—Arthur Lamb, 605 Market St., San Francisco.

Plans Being Figured.

RESIDENCE Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal. Fairway Park. Two-story frame and stucco residence (9 rooms and 2 baths).
Owner—Mr. Klein.
Designer—Herman Krause, 243 N-9th St., San Jose.

Plans Being Completed

RESIDENCE Cost \$50,000
HILLSBOROUGH, San Mateo Co., Cal. Two-story 20-room frame and stucco residence.
Owner—Fuller Brawner, 301 Mission st., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th st., S. F.
Bids will be taken in two weeks.

Plans Being Figured

RESIDENCE Cost \$16,000
PIEDMONT, Alameda Co., Cal., Requa Highlands. Two-story frame and stucco residence, 9 rooms and 3 baths.

Owner—Frank Stears.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

About ten days will be allowed for figuring.

Contracts Awarded

RESIDENCE Cost \$50,000
OAKLAND, Alameda Co., Hampton st. Two-story and base. frame and stucco residence, 14 rooms, 6 baths, 2-car garage.

Owner—Withheld.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

Contractor—George Mauer, 50 York dr., Oakland, \$27,486.

Plumbing—W. H. Picard, 5656 College ave., Berkeley, \$2930.

Ornamental iron—Liberty Ornamental Iron Works 21st and Filbert sts., Oakland, \$780.

Finish hardware—Maxwell Hardware Co., 1320 Washington st., Oakland, \$882
Electrical work—Kenyon Electric Co., 526 18th st., Oakland, \$1188.
Painting—A. Van Heerden & Co., 6260 College ave., Berkeley, \$3369
Tile work—Rigney Tile Co., 3012 Harrison st., Oakland, \$3383.

Plans Being Completed
RESIDENCE Cost, \$8000
CARMEL, Monterey Co., Cal.
 Two-story 12-room frame and stucco residence.
 Owner—L. C. Merrill.
 Architect—Blaine & Olsen, 1755 Broadway Oakland.
 Plans will be ready for bids in two weeks.

Completing Plans
RESIDENCE Cost, \$7000
SAN FRANCISCO, N Norden st. W Mission.
 One-story and base, frame and stucco residence, 5 rooms and sun porch.
 Owner—F. E. Hunter, 315 Montgomery st.
 Architect—R. R. Irvine and L. Ebbets, Cal Bldg.
 Bids will be taken in one week.

Low Bidder
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—F. W. Vieth, 1822 Tacoma ave., Oakland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Low Bidder—J. W. Monroe, 5538 Claremont ave., Berkeley.

Bids To Be Taken Next Week
RESIDENCE Cost, \$12,000
NORTH BERKELEY, Alameda Co., Cal.
 Tallac Road.
 Two-story frame and stucco residence (9 rooms and 2 baths).
 Owner—K. C. Cortez.
 Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, \$11,500
YUBA CITY, Sutter Co., Cal.
 Two-story frame and stucco residence, Spanish type.
 Owner—Cecil H. Straub.
 Architect—Hasten & Hurd, 210 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, \$15,000
WOODSIDE, San Mateo Co., Cal.
 One-story frame and stucco residence with tile roof (9 rooms and 3 baths).
 Owner—Dexter Tight.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contract Awarded
RESIDENCE Cost, \$13,000
HILLSBOROUGH OAKS, San Mateo Co.
 Two-story frame and stucco residence, Spanish type.
 Owner—W. G. Gilson, Hunter-Dulin Bldg.
 Architect—Dodge Riedy, Pacific Bldg.
 Contractor—Bessett Bldg. Co., 826 Walnut ave., Burlingame.

Contract to be Awarded
RESIDENCE Cost, \$—
OAKLAND, Alameda Co.
 Two-story frame and stucco residence and rent, concrete garage.
 Owner—Samuel M. Smith.
 Architect—Fair & Ward, 68 Post st., S. F.
 Contractor—Alex Cedarborg, 1455 Excelsior ave., Oakland.

Sale-Contracts Awarded
RESIDENCE Cost, \$46,000
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco residence (12 rooms and 4 baths).
 Owner—Charles E. Rayner.
 Architect—John White, 163 Sutter St., San Francisco.
 Contractor—L. E. Brand, 401 Washington St., Redwood City.
 Sub-Contract Awarded.
RESIDENCE Cost, \$26,000
LOS GATOS, Santa Clara Co., Cal.
 Little Brook Farm.
 One-story frame and stucco residence (8 rooms and 4 baths).
 Owner—L. E. Brand, 401 Washington St., Redwood City.
 Architect—E. R. Beitz, Shreve Bldg., San Francisco.
 Contractor—Stephen on Construction Co., 1111 E. 1st St., San Francisco.
 Reinforcing Steel—W. S. Wenhall, 17th & W. St., San Francisco.
 Heating—S. J. M. M. Products Co., 1200 Market St., Oakland.
 Electrical Work—M. E. Ryan, Redwood City.
 Tile Roofing—W. J. Porter, 190 So. 1st St., San Jose.
 Plumbing—Frank Berryman, Los Gatos Lumber, Merced Lumber Co., Palo Alto Mill Work, S. C. Mill & Lumber Co., 1000 S. 1st St., Oakland.
 Weather Strips—E. H. Gade, 24 Harrison St., San Francisco.

Plans Being Completed
RESIDENCE Cost, \$14,000
CARMEL, Monterey Co., Cal.
 Two-story 12-room frame and stucco residence.
 Owner—L. C. Merrill.
 Architect—Blaine & Olsen, 1755 Broadway Oakland.
 Plans will be ready for bids in two weeks.

Completing Plans
RESIDENCE Cost, \$7000
SAN FRANCISCO, N Norden st. W Mission.
 One-story and base, frame and stucco residence, 5 rooms and sun porch.
 Owner—F. E. Hunter, 315 Montgomery st.
 Architect—R. R. Irvine and L. Ebbets, Cal Bldg.
 Bids will be taken in one week.

Low Bidder
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—F. W. Vieth, 1822 Tacoma ave., Oakland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Low Bidder—J. W. Monroe, 5538 Claremont ave., Berkeley.

Bids To Be Taken Next Week
RESIDENCE Cost, \$12,000
NORTH BERKELEY, Alameda Co., Cal.
 Tallac Road.
 Two-story frame and stucco residence (9 rooms and 2 baths).
 Owner—K. C. Cortez.
 Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, \$11,500
YUBA CITY, Sutter Co., Cal.
 Two-story frame and stucco residence, Spanish type.
 Owner—Cecil H. Straub.
 Architect—Hasten & Hurd, 210 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, \$15,000
WOODSIDE, San Mateo Co., Cal.
 One-story frame and stucco residence with tile roof (9 rooms and 3 baths).
 Owner—Dexter Tight.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contract Awarded
RESIDENCE Cost, \$13,000
HILLSBOROUGH OAKS, San Mateo Co.
 Two-story frame and stucco residence, Spanish type.
 Owner—W. G. Gilson, Hunter-Dulin Bldg.
 Architect—Dodge Riedy, Pacific Bldg.
 Contractor—Bessett Bldg. Co., 826 Walnut ave., Burlingame.

Contract to be Awarded
RESIDENCE Cost, \$—
OAKLAND, Alameda Co.
 Two-story frame and stucco residence and rent, concrete garage.
 Owner—Samuel M. Smith.
 Architect—Fair & Ward, 68 Post st., S. F.
 Contractor—Alex Cedarborg, 1455 Excelsior ave., Oakland.

Sale-Contracts Awarded
RESIDENCE Cost, \$46,000
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco residence (12 rooms and 4 baths).
 Owner—Charles E. Rayner.
 Architect—John White, 163 Sutter St., San Francisco.
 Contractor—L. E. Brand, 401 Washington St., Redwood City.
 Sub-Contract Awarded.
RESIDENCE Cost, \$26,000
LOS GATOS, Santa Clara Co., Cal.
 Little Brook Farm.
 One-story frame and stucco residence (8 rooms and 4 baths).
 Owner—L. E. Brand, 401 Washington St., Redwood City.
 Architect—E. R. Beitz, Shreve Bldg., San Francisco.
 Contractor—Stephen on Construction Co., 1111 E. 1st St., San Francisco.
 Reinforcing Steel—W. S. Wenhall, 17th & W. St., San Francisco.
 Heating—S. J. M. M. Products Co., 1200 Market St., Oakland.
 Electrical Work—M. E. Ryan, Redwood City.
 Tile Roofing—W. J. Porter, 190 So. 1st St., San Jose.
 Plumbing—Frank Berryman, Los Gatos Lumber, Merced Lumber Co., Palo Alto Mill Work, S. C. Mill & Lumber Co., 1000 S. 1st St., Oakland.
 Weather Strips—E. H. Gade, 24 Harrison St., San Francisco.

Plans Being Completed
RESIDENCE Cost, \$14,000
CARMEL, Monterey Co., Cal.
 Two-story 12-room frame and stucco residence.
 Owner—L. C. Merrill.
 Architect—Blaine & Olsen, 1755 Broadway Oakland.
 Plans will be ready for bids in two weeks.

Completing Plans
RESIDENCE Cost, \$7000
SAN FRANCISCO, N Norden st. W Mission.
 One-story and base, frame and stucco residence, 5 rooms and sun porch.
 Owner—F. E. Hunter, 315 Montgomery st.
 Architect—R. R. Irvine and L. Ebbets, Cal Bldg.
 Bids will be taken in one week.

Low Bidder
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—F. W. Vieth, 1822 Tacoma ave., Oakland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Low Bidder—J. W. Monroe, 5538 Claremont ave., Berkeley.

Bids To Be Taken Next Week
RESIDENCE Cost, \$12,000
NORTH BERKELEY, Alameda Co., Cal.
 Tallac Road.
 Two-story frame and stucco residence (9 rooms and 2 baths).
 Owner—K. C. Cortez.
 Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, \$11,500
YUBA CITY, Sutter Co., Cal.
 Two-story frame and stucco residence, Spanish type.
 Owner—Cecil H. Straub.
 Architect—Hasten & Hurd, 210 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, \$15,000
WOODSIDE, San Mateo Co., Cal.
 One-story frame and stucco residence with tile roof (9 rooms and 3 baths).
 Owner—Dexter Tight.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
 Contract Awarded
RESIDENCE Cost, \$13,000
HILLSBOROUGH OAKS, San Mateo Co.
 Two-story frame and stucco residence, Spanish type.
 Owner—W. G. Gilson, Hunter-Dulin Bldg.
 Architect—Dodge Riedy, Pacific Bldg.
 Contractor—Bessett Bldg. Co., 826 Walnut ave., Burlingame.

Contract to be Awarded
RESIDENCE Cost, \$—
OAKLAND, Alameda Co.
 Two-story frame and stucco residence and rent, concrete garage.
 Owner—Samuel M. Smith.
 Architect—Fair & Ward, 68 Post st., S. F.
 Contractor—Alex Cedarborg, 1455 Excelsior ave., Oakland.

Sale-Contracts Awarded
RESIDENCE Cost, \$46,000
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco residence (12 rooms and 4 baths).
 Owner—Charles E. Rayner.
 Architect—John White, 163 Sutter St., San Francisco.
 Contractor—L. E. Brand, 401 Washington St., Redwood City.
 Sub-Contract Awarded.
RESIDENCE Cost, \$26,000
LOS GATOS, Santa Clara Co., Cal.
 Little Brook Farm.
 One-story frame and stucco residence (8 rooms and 4 baths).
 Owner—L. E. Brand, 401 Washington St., Redwood City.
 Architect—E. R. Beitz, Shreve Bldg., San Francisco.
 Contractor—Stephen on Construction Co., 1111 E. 1st St., San Francisco.
 Reinforcing Steel—W. S. Wenhall, 17th & W. St., San Francisco.
 Heating—S. J. M. M. Products Co., 1200 Market St., Oakland.
 Electrical Work—M. E. Ryan, Redwood City.
 Tile Roofing—W. J. Porter, 190 So. 1st St., San Jose.
 Plumbing—Frank Berryman, Los Gatos Lumber, Merced Lumber Co., Palo Alto Mill Work, S. C. Mill & Lumber Co., 1000 S. 1st St., Oakland.
 Weather Strips—E. H. Gade, 24 Harrison St., San Francisco.

Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—The Minton Co., Palo Alto and Mt. View.

Plans Awaiting Approval
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Viceroy Avenue.
 Three-story frame and stucco residence (12 rooms and 4 baths).
 Owner—J. A. Greed.
 Architect—Edward L. Snyder, 2108 Addison St., Berkeley.

Plans are now in the owner's hands and upon approval bids will be called for.

To Be Done By Day's Work
RESIDENCE Cost, \$12,000
SAN FRANCISCO, N Jackson St. Arguello Blvd.
 Three-story and basement frame and stucco residence.
 Owner and Builder—W. R. Voorhies, 1 Tenth St., San Francisco.
 Architect—F. E. Barton, Crocker Bldg San Francisco.

Construction Started
RESIDENCE Cost, \$50,000
MARTINEZ, Contra Costa Co., Cal. Pleasant Hill District.
 Two-story frame and stucco residence (10 rooms, 4 baths, 2-car garage).
 Owner—J. J. Haviside.
 Architect—Virgil Jorgensen, 55 Montgomery St., San Francisco.
 Contractor—Elton Parsons, Box 175, Martinez.
 Sub-bids are in.

Plans Being Prepared
RESIDENCE Cost, \$17,000
SAN RAFAEL, Marin Co., Cal. Culloden Park.
 Two-story frame and stucco residence (9 rooms and 2 baths; terra cotta tile roof).
 Owner—A. L. Stewart.
 Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared
RESIDENCES Cost, \$20,000 each
PORTLAND, Oregon.
 Two two-story frame and stucco residences (9 rooms and 2 baths each Spanish type).
 Owner—Hafer & Hafer.
 Architect—Masten & Hurd, Shreve Bldg San Francisco.
 Both buildings will have a terra cotta tile roof.

Sub-Bids Being Taken
RESIDENCE Cost, \$11,000
OAKLAND, Alameda Co., Cal. W Port Ave. N Mandana Blvd.
 Two-story frame and stucco residence (8 rooms).
 Owner and Builder—M. A. Rose.
 Architect—Ray Keefer, 1624 Franklin St., Oakland.

Completing Plans
RESIDENCE Cost, \$25,000
SAN FRANCISCO, Lyon St. N Pacific Avenue.
 Two-story and basement frame and stucco residence with terra cotta tile roof.
 Owner—L. Weidenmueller, 344 Kearny St., San Francisco.
 Architect—Powers & Ahnden, 605 Market St., San Francisco.
 Bids will be taken March 26th from a selected list of contractors.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Plans Being Prepared.

ALTERATIONS
ILLSBOROUGH, San Mateo Co., Cal.
 Alterations and additions to present residence.
 Owner—Robert Miller, 1523 Vancouver Ave., San Mateo.
 Architect—Arthur Brown Jr., 251 Kearney St., San Francisco.

SCHOOLS

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., Board of Education, to erect Krause Avenue school in Krause Ave. near Chestnut st.; will be 1-story classroom brick:

General Work

B. Bishop, 587 Athol, Oakland.....\$39,100
 S. McIntyre, Oakland.....39,280
 John E. Branagh, Oakland.....40,000
 Frederick Anderson, Oakland.....40,572
 Sullivan & Sullivan, Oakland.....43,750

Slate Blackboards

F. Weber, 601 Mission, S. F.....\$499
 W. King, Oakland.....498

Awning Type Windows

Universal Window Co., 1916 Broadway, Oakland.....\$345
 Sawyer Mfg. Co., Oakland.....395
 Contracts to be awarded March 27.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., Board of Education, to erect 1-story 4-classroom brick annex on Camden Street school in Brann st. near Morcom Ave:

General Work

B. Bishop, 587 Athol, Oakland \$39,842
 S. McIntyre, Oakland.....39,960
 John E. Branagh, Oakland.....42,500
 Frederick Anderson, Oakland.....42,772
 Sullivan & Sullivan, Oakland.....43,290
 I. B. Brigham, Oakland.....44,975

Slate Blackboards

F. Weber Co., 601 Mission, S. F.....\$409
 W. King, Oakland.....498

Awning Type Windows

Universal Window Co., 1916 Broadway, Oakland.....\$34
 Sawyer Mfg. Co., Oakland.....397
 Contracts to be awarded March 27.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, secty., Board of Education, to erect 2-story frame and stucco addition for Horace Mann school at n. w. Congress Ave. and Ygnacio st. Will contain 4 classrooms:

E. T. Lesure, 87 Ross Circle, Oak.....\$13,740
 Fred. J. Wetlund, Oakland.....13,940
 John E. Branagh, Oakland.....14,000
 J. Bjorklund, Oakland.....15,587
 Sullivan & Sullivan, Oakland.....15,500
 Jos. Piasecki, S. F.....17,368
 Contract to be awarded March 27.

KENTFIELD, Marin Co., Cal.—Lacking a quorum, bids received by trustees of Marin Junior College District, March 15, to fur. and del. library furniture and equipment, have been laid over for a future meeting. Ada M. Fusselman is Secty. of the district.

MOUNTAIN VIEW, Santa Clara Co., Cal.—C. F. Weber & Co., 601 Mission st., San Francisco, at (a) \$2598 for slate and (b) \$1485 for substitute, submitted low bid to Mountain View Elementary School Dist. to fur. blackboards in new school. Other bids: Remington-Rand Co., (a) \$2729.68, (b) \$1650; C. T. G. Smith, (a) \$2995, (b) \$2375; R. W. King, (a) \$2650; H. S. Crocker, (a) \$3733.50; (b) \$2456.25.

Van Fleet Frear Co., 557 Howard st., San Francisco, at \$755, submitted low bid to fur. and install shades. Other bids: C. F. Weber & Co., \$950; W. and J. Sloane Co., \$986.10; S. M. Henney, \$1005.21; D. N. and E. Walter Co., \$1141.50; Building Specialties Sales Co., \$2349.

Geo. H. Trask, 39 Natoma st., San Francisco, at \$228.90, submitted low bid to fur. and install lockers. Other bids were: C. J. Waterhouse, \$321.54; Worley & Co., \$362.

A. J. Coffey, architect, Phelan Bldg., San Francisco. All bids taken under advisement.

Preparing Working Drawings

SCHOOL
SAN ANSELMO, Marin Co., Cal.
 One-story frame and stucco school bldg., 8 classrooms.
 Owner—San Anselmo School Dist.
 Architect—S. Helman, 57 Post st., San Francisco.

STOCKTON, San Joaquin Co., Cal.—As previously reported, bids to erect three-story brick classroom addition to present high school have been rejected and new bids will be opened March 28, 7:30 P. M. Kroh & McPhee, 1140 Market St., Stockton, low at \$39,178 but certified check was not adequate. Peter Sala, architect, 213 N-Commerce St., Stockton. Will contain 16 classrooms and cafeteria. See call for bids under official proposal section in this issue.

Preparing Working Drawings

SCHOOL
PLACERVILLE, El Dorado Co., Cal. Reynolds property near Memorial park. Two-story class B brick high school bldg. 18 classrooms.
 Owner—Placerville Union High School District.
 Architect—Davis-Pearce Co., Grant and Weber sts., Stockton.
 Plans will be ready for bids in 60 days.

FRESNO, Fresno Co., Cal.—As previously reported, bids will be received by L. L. Smith, Secty., Board of Education, until April 12, 5 P. M., to erect Lafayette Elementary School at Blackstone and Princeton Ave.; brick construction with stucco exterior to contain 8 or 10 classrooms and boiler room; est. cost \$45,000. E. W. Peterson, architect, Mason Bldg., Fresno. Cert. check or bidder's surety bond of 10% req. with bid. Plans obtainable from Bd. of Educ. See call for bids under official proposal section in this issue.

Plans Being Completed.

SCHOOL
ELVERTA, Sacramento Co., Cal.
 One-story frame, stucco and brick veneer school building.
 Owner—Lincoln School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchens and cafeteria. Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8000. Plans will be ready for bids in about two weeks.

CALISTOGA, Napa Co., Cal.—Until March 26, 8 P. M., bids will be received by Nona Woolen, clerk, Calistoga Grammar School District, for fencing at school grounds. See call for bids under official proposal section in this issue.

RIVERSIDE, Cal.—Until April 2, 7:30 p. m., bids will be received by A. N. Wheelock, secty., Board of Education, to install electric clock, bell and fire alarm equipment, also for fireproof curtains with alternate of Velour curtain for Central Jr., High, University Heights Jr., High and Chemawa Jr. High schools. Further information obtainable from secty.

SACRAMENTO, Cal.—As previously reported, bids will be received by Chas. C. Hughes, secty., Board of Education, April 2, 5 p. m., to erect Lincoln school in block bounded by P and Q, 4th and 5th sts. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be two stories, reinforced concrete; 16 classrooms; est. cost \$70,000. Cert. check 10 per cent payable to secty. req. with bid. Plans obtainable from architects on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—Thos. P. Scollan, 2919 T St., Sacramento, heads committee appointed by Immaculate Conception Catholic Church of Oak Park to further plans for proposed \$100,000 parochial school at First Ave. and 33rd St.; will accommodate 300 students and will be operated by the Sisters of the Holy Cross from Indiana. In addition to the school a convent building will also be erected. Construction will probably be of brick. Other members of the building committee are: George Schelcher, Terrence Muligan, Frank Shea, George Purcell and Frank Williams. Rev. J. H. Ellis is pastor of the church. An architect is yet to be selected.

GRIDLEY, Butte Co., Cal.—Trustees of Gridley Union High School District are having surveys made for proposed football and tracks field in connection with high school grounds.

SACRAMENTO, Cal.—As previously reported, bids will be received by Chas. C. Hughes, secty., Board of Education, until April 2, 5 p. m., to complete track and football field for stadium at Sacramento Junior College grounds. Dean & Dean, architects, California State Life Bldg., Sacramento. Cert. check 10 per cent payable to secty. req. with bid. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

ALTURAS, Modoc Co., Cal.—Until April 2 bids will be received by county supervisors for purchase of \$48,000 bond issue of Modoc Union High School Dist.; proceeds of sale to finance erection of new school, plans for which are being completed by Architect Ralph D. Taylor, Susanville.

Commissioned to Prepare Preliminary Plans.

SCHOOL
SAN FRANCISCO, Onondago, Otsego & Cayuga aves.
 Third unit of South Side High School.
 Owner—City and County of San Francisco.
 Architect—Bakewell & Weihr, associates, 251 Kearny sts.

IONE, Amador Co., Cal.—Until April 17, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect four buildings comprising hospital, school, segregation and custodial buildings at Preston School of Industry, near Ione. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be brick construction, two-story in height. Will have reinforced concrete foundations and floors, frame interior partitions and roof construction—asbestos shingle roof. Est. cost \$300,000. Bids are wanted for (1) general contract and (2) mechanical work which will include electrical, plumbing, heating and ventilating work. Separate bids will be considered for Electrical Work and for Plumbing, Heating and Ventilating Work. Combined bids will also be considered for electric work, heating and ventilating work. See Call for bids under official proposal section in this issue.
 (9564) 1st report Sept. 8, 1927; 9th Ftb.

Preparing Preliminary Plans.

SCHOOL
OAKLAND, Alameda Co., Cal. Lazear School.
 One-story brick school building (4 classrooms).
 Owner—City of Oakland Board of Education.
 Architect—Hutchison & Mills, Robert Howden Bldg., 337 17th St., Oakland.

Plans Being Prepared.

GYMNASIUM
MODESTO, Stanislaus Co., Cal. Junior College.
 One-story brick gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 47 N-Grant St., Stockton.

Plans Being Prepared.

GYMNASIUM
MODESTO, Stanislaus Co., Cal. High School.
 One-story brick gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 47 N-Grant St., Stockton.

Plans Being Figured.

SCHOOL
EAST OAKLAND, Alameda Co., Cal. Sixty-fourth Street.
 One-story brick and concrete school building (6 classrooms).
 Owner—Oakland Board of Education.
 Architect—George O'Brien, Federal Telegraph Bldg., Oakland.
 Date of opening bids has not been set.

OAKLAND, Cal.—Until April 1, 9:30 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, 211 City Hall, to fur. and del. among other supplies, scissors, coal, floor brushes and dust brushes. Complete list of materials desired obtainable from Assistant Business Manager, Board of Education, 211 City Hall.

BANKS, STORES & OFFICES

KING CITY. Monterey Co., Cal.—Architect H. B. Douglass, San Luis Obispo, is preparing plans for two-story frame stores and apartments to be erected at Broadway and Vanderhurst St. for the Hables family. Will contain six stores on the ground floor and apartments above.

Sub-contracts Awarded
BANK BLDG. Cost \$300,000
SAN FRANCISCO, NE Pine and Leidesdorf sts.

Six-story class A bank and office building
Owner—Investment Properties Corp., Alexander Bldg., S. F.

Lessee—Canadian Bank of Commerce, 450 California St., S. F.

Architect—Lewis P. Hobart, Crocker Bldg., S. F.

Contractor—Cahill Bros., 206 Sansome St., S. F.

Plumbing—Jas. H. Pinkerton, 940 Howard St.

Electric work—H. S. Tittle, 85 Columbia Square.

Sheet metal and Calamein doors—Forderer Cornice Wks., 16th and Potrero ave.

Plastering—Peter Bradley, 666 Mission St.
Tile—Kigney Tile Co., Turk & Taylor sts.

Ornamental iron and bronze work—Peerless Ornamental Iron Works.

Vault work—Hermann Safe Co., Fremont and Howard sts.

Marble—Musto Sons-Keenan Co., North Point st.

Elevators—Spencer Elevator Co., 166 7th st.

Elevator accessories—Graham & Norton, Minna and 4th sts.

Granite—McGilvray-Raymond Granite Co., 634 Townsend st.

Terra Cotta—Gladding, McBean & Co., 660 Market st.

Roofing—Alta Roofing Co.

Glass—Tyre Bros., 666 Townsend st.

Brick work—Wm. Rainey & Sons., 666 Mission st.

As previously reported, structural steel awarded to Central Iron Works, 2050 Bryant st.

Sub-Bids Being Taken.
OFFICE BLDG. Cost, \$50,000

OAKLAND, Alameda Co., Cal. Location withheld.

Two-story and basement concrete and terra cotta office building for a bonding house.

Owner—Franklin Land Co.

Architect—Hugh White, Syndicate Bldg., Oakland.

Contractor—F. A. Muller, Syndicate Bldg., Oakland.

Lessee—Wm. Cavalier Co., 1st National Bank Bldg., Oakland.

Structural Steel—California Steel Co., 2nd and Harrison Sts., Oakland.

Excavating—Ariss-Knapp Co., 961 41st St., Oakland.

As previously reported terra cotta awarded to Gladding, McBean Co., 660 Market St., San Francisco.

Plans Being Figured.
OFFICE BLDG. Cost, \$—

VALLEJO, Solano Co., Cal. No. 700 Main Street.

One-story reinforced concrete tile office building, 55x60 feet.

Owner—Horan Feed & Fuel Co.

Architect—W. A. Jones, 403 Alameda St., Vallejo.

Bids are being taken for a general contract.

Contractor Taking Sub-Figures.
SHOP. Cost, \$20,000

SAN JOSE, Santa Clara Co., Second and Virginia Streets.

One-story frame and stucco art fixture display shop.

Owner—Paul Cambiano, 243 N-Ninth St., San Jose.

Designer—Herman Krause, 243 N-9th St., San Jose.

Contractor—Tynan Lumber Co., 1999 The Alameda, San Jose.

Bids In—Under Advisement.
TELEPHONE EXCHANGE. \$150,000

OAKLAND, Alameda Co., Cal. Forty-fifth and Telegraph ave.

Two-story and basement steel frame, brick and concrete telephone exchange building.

Owner—Pacific Tel & Tel Co., 110 New Montgomery st., S. F.

Engineer—E. V. Cobby, 110 New Montgomery st., S. F.

As previously reported, structural steel awarded to Judson Pacific Co., 604 Mission St., S. F.

Contract Awarded
STORES.

OAKLAND, Alameda Co., Cal., NE Montgomery and Hampton road.

One-story frame and stucco store bldg.

Owner—Realty Syndicate Co., Syndicate Bldg., Oakland.

Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.

Contractor—C. H. Thrains, 28 Home pl., Oakland.

Preparing Preliminary Plans
BLDG. Cost \$25,000

OAKLAND, Alameda Co., near Providence Hospital.

One-story reinforced concrete physicians' building.

Owner—Withheld.

Architect—Guy L. Brown, American Bk. Bldg., Oakland.

DAVIS, Yolo Co., Cal.—Bids are being received by A. G. Brinley to erect on story brick store building adjoining Varsity Theatre, will contain two or three stores. Plans by E. M. McGulre.

Being Done by Day's Work and Sub-contracts.

ALTERATIONS. Cost \$30,000

OAKLAND, Alameda Co., Cal., S Tenth st. bet. Washington and Clay sts.

Alter present store bldg.

Owner—Sherwood-Swan & Co.

Architect—W. Knowles, 1214 Webster St., Oakland.

Sub-contracts Awarded
ADDITION. Cost \$500,000

SAN FRANCISCO, NE Van Ness and Jackson st.

Three-story addition to present three-story class A reinforced concrete medical building (50 suites approx large solarium).

Owner—A. H. Bergstrom, 74 New Montgomery st., S. F.



IF YOU want to see.
HOW POOR everybody is.
JUST GO up.
TO THE Assessor's office.
IN ANY courthouse.
AND HEAR the people.
TURN IN their assessments.
NOBODY HAS any cash.
IN THE bank.
OR IN their pockets.
ON THE first of March.
CLARENCE (SANDY) Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AND PRODUCER of clean, sharp sand.
AND CLEAN rock.
SPENT AN amusing half hour.
LISTENING TO the sworn statements.
OF OUR good citizens.
A CHINESE druggist was the first.
AND HE tried.
TO TELL the assistant lady assessor.
THAT HIS drug store.
LIQUOR, FIXTURES, dead lizards and all.
WAS WORTH only \$400.
WHEN ONE case of China gin.
WOULD SELL for that sum.
HE DIDN'T get away with it.
NEXT WAS an Italian barber.
WHO OWNED two barber chairs.
AND A few soap bars.
HE PAID \$1.39 in 1927.
AND COMPLAINED.
WHEN HIS total tax for 1928.
RAN UP to \$2.79.
AND NEXT was a funny old lady.
WHO WANTED her furniture assessed.

FOR LESS than \$10 per room.
BUT \$10 per room.
IS THE minimum of furniture.
SO SHE was very unhappy.
AND OVER assessed.
THEN AN office lady.
WANTED HER typewriter.
ASSESSED FOR less than \$25.
SO THAT'S the way it goes.
AND SANDY Pratt, Producer.
OF CLEAN, sharp sand.
AND CLEAN gravel.
HEARD ONLY a few.
OF THE funny ones.
AT THE Assessor's office.
BUT WE are all alike.
NEVER WANT to pay taxes.
AND THE richer you are.
THE LESS you want to pay.
"I THANK you."



This fellow pays no taxes, has no roof for the roofers to fix and he never has a cold from wet feet. He lives on the American River near Sacramento and near the sand and gravel-producing plant of the Pratt Building Material Co. (Sandy Pratt, President).

Architect—Clausen & Amendes, Hearst Bldg., S. F.
Exclusive Agents—Allen & Co., 168 Sutter st., S. F.
Contractor—C. L. Wold, 185 Stevenson st., S. F.
Reinforcing steel—Frederick Steel Co., 58 Sutter st.
Glass—W. P. Fuller & Co., 301 Mission st.
Elevators—Pacific Elevator Co., 45 Rausch street.
As previously reported, steel awarded Western Iron Works, 141 Beale st., S. F.

Excavation Started.
OFFICE BLDG. Cost Approx. \$5,000,000
SAN FRANCISCO. N Sutter St., bet. Stockton and Powell Sts.
Twenty-six-story and basement Class A office building (400 offices and garage for 500 cars in rear; foundation of 30 stories).
Owner—450 Sutter St., Inc., Dr. F. C. Morgan et al, 424 Hunter-Dulin Bldg., San Francisco.
Architect—Miller & Pfleger, 580 Market St., San Francisco.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Excavating is now under way by Grandid, Farrar & Carlin, 67 Hoff St., San Francisco.
As previously reported, structural steel awarded to McClintic-Marshall Co., 2050 Bryant St., San Francisco.

Completing Plans—Contract Awarded
STUDIO Cost \$35,000
SAN FRANCISCO. Powell st. S Sutter
 remodel present 6-story class C building for stucco bldg., 10 studios.
Owner—George Hansen.
Architect—S. Heiman, 57 Post st.
Contractor—J. S. Malloch, 666 Mission st.

Sub-contracts Awarded
BANK BLDG. Cost \$125,000
MODESTO, Stanislaus Co., Cal.
One-story reinforced concrete bank and store bldg.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell sts., S. F.
Contractor—Wallace Snelgrove, 160 18th st., Richmond.

Concrete—J. H. Fitzmaurice, 354 Hobart st., Oakland.
Form lumber—San Pablo Lbr. Co., Richmond.
Framing lumber—Ross Lumber Co., Modesto.

Reinf. steel—Truscon Steel Co., Sharon Bldg., S. F.
Steel forms—Steel From Contracting Co., Monadnock Bldg., S. F.
Structural steel—Dyer Bros. Iron Works, 17th and Kansas sts., S. F.
Cement—Yosemite Cement Co.
Rock, sand and gravel—Reinhardt Bros., Modesto.

Roofing—General Roofing, Beach and Hallack sts., Oakland.
Electric—E. A. Taggard, Modesto.
Plastering—MacGruer & Company, 266 Tehama st., S. F.
Tile—Rigney Tile Co., 3012 Hansen st., Oakland.

Plumbing—D. R. Hoffman, Modesto.
Sheet metal—Morrison & Co., 74 Duboce ave., S. F.

Ornamental iron and bronze—Federal Ornamental Iron & Bronze, 16th and San Bruno ave., S. F.

Ornamental cast—Max Mindner, 450 5th st., S. F.

Glass—W. P. Fuller & Co., 301 Mission st., S. F.

Testing materials—Abott Hanks, 624 Sacramento st., S. F.

Heating and ventilating—D. R. Hoffman, Modesto.
Mill work—Lannom Bros., 5th and Magmolla sts., Oakland.

Marble—Eisele & Dondero, 2895 3rd st., S. F.
Bank fixtures—Fink & Schindler, 226 13th st., S. F.
Tiling—Stockton Tile Co., 521 E Channel st., Stockton.

Sub-Contracts Awarded.
STORE BLDG. Cost, \$25,000
OAKLAND, Alameda Co., Cal. E-38th St. and Park Blvd.

Two-story frame and stucco store and office building.
Owner—G. McEllenay, Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.

Contractor—Theo, Starr & Anderton, 1624 Franklin St., Oakland.

Structural Steel—Pacific Coast Engineering Co., Foot of 14th St., Oakland.

Grading—B. H. Maddox, 5650 Broadway, Oakland.

Mill Work—Oakland Planing Mill, 105 Washington St., Oakland.

Glass—East Bay Glass Co., 332 5th St., Oakland.

Plastering—A. J. Hillam, 354 Hobart St., Oakland.

Painting—J. J. Burdon & Son, 354 Hobart St., Oakland.

Plumbing—Carl T. Doell, 467 21st St., Oakland.

Sheet Metal—East Bay Sheet Metal Wks 1101 Market St., Oakland.

Roofing—A. K. Goodmundson, 45th and Clement Sts., Oakland.

Electrical Work—E. R. Fritz, 343 9th St., Oakland.

Plans Being Completed—Contract Awarded
STORES Cost \$10,000
OAKLAND, Alameda Co., Cal.

One-story reinf. concrete store building, 3 stores.
Owner—Mr. Rachael.

Architect—Guy L. Brown, American Bk Bldg., Oakland.

Contractor—J. B. Petersen, 4021 Auga Vista st., Oakland.

Plans Completed.
STORE BLDG. Cost, \$10,000
OAKLAND, Alameda Co., Cal. Grand Avenue.

One-story reinforced concrete store building (4 stores).
Owner—Harold Holmes.

Architect and Mgr. of Constr.—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Construction will be started in about two weeks.

Contracts Awarded
STORE BLDG. Cost \$30,000
MODESTO, Stanislaus Co., Cal., Eleventh and I sts., (75x90 ft.)

One-story reinforced concrete store bldg. Owner—Elias-Harris Building (Sol P. Elias).

Architect—Russell Guerne De Lappe, 1710 Franklin st., Oakland.

Glass—Cobbledick Kibbe Glass Co., 301 Washington st., Oakland.

Painting—Austin & Austin, 1738 Almond st., Modesto.

Roofing—Western Roofing Co., 125 3rd st., Oakland.

Tile work—Rigney Tile Co., 3012 Harrison st., Oakland.

Hardwood flooring—Modesto Hardware Co., 901 I st., Modesto.

Plumbing—G. Donkin, 1319 12th st., Modesto.

Electrical work—O. A. Sullivan, 1023 I st., Modesto.

Clearing—Chas. Scott, 721 Hyde court, Stockton.

Excavating, concrete and cement—W. R. Meyers, Modesto.

Reinforcing steel—Frederick Steel Co., 58 Sutter st., S. F.

Rough lumber—American Lumber Co. Mill finish—Modesto Furniture & Cabinet Co., 1422 9th st., Modesto.

Interior partitions—Klinch Lath Corp., Los Angeles.
Sheet metal work—Harry Trueblood, 1316 9th st., Modest.
Metal sash—Truscon Steel Co., Sharon Bldg., S. F.
Screens—Hippolite Co., 4246 Holden st., Oakland.
Brick work—A. Waltz, Modesto.

NAPA, Napa Co., Cal.—Robert Stoll, operating Napa City Bakery, is having plans prepared for a one-story brick bakery building to replace present structure at Brown and Pearl Streets.

MARYSVILLE, Yuba Co., Cal.—V. H. Triplett, 1202 H St., Marysville, at approx. \$15,000 has contract to renovate Frye Building in D St., bet. 2nd and 3rd Sts. The structure was recently destroyed by fire.

Fixture Contract Awarded.
ALTERATIONS Cost, \$—
SAN FRANCISCO. St. Francis Hotel.
Fitting up branch stock board on main floor of hotel.
Owner—Anderson & Fox, California Commercial Bldg., San Francisco.
Architect—Kent & Hass, 525 Market St., San Francisco.
Fixture Work—Mullen Mfg. Co., 64 Rausch St., San Francisco.

Plans Being Figured—Bids Close April 2
STORE BLDG. Cost, \$15,000
OAKLAND, Alameda Co., Cal. E-14th St. near 23rd Ave.
One-story hollow tile store building (2 stores).
Owner—Lord Holding Co., 3022 E-14th St., Oakland.
Plans by Owner.

Construction Starttd.
ADDITION Cost, \$100,000
SACRAMENTO, Sacramento Co., Cal. Sixth and K Streets.
Three-story Class C brick addition to present building.
Owner—John Breuner Co.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Contract awarded on cost plus basis.

Plans Being Figured.
ALTERATIONS Cost, \$12,000
SAN FRANCISCO. No. 265 O'Farrell St., San Francisco.
Alterations and additions to present store and storeroom.
Owner and Lessee—Marcus-Lesoin Co. 130 Turk St., San Francisco.
Architect—Edward B. Seeley, 255 California St., San Francisco.
Building permit applied for.

Plans Being Prepared.
STORE BLDG. Cost, \$20,000
LINCOLN, Placer Co., Cal.
One-story concrete and hollow tile store building (3 stores).
Owner—Chamberlain Estate (Lee Chamberlain).
Architect—Eugene Seadler, Mitau Bldg., Sacramento.

Construction Started.
STORE BLDG. Cost, \$—
TRACY, San Joaquin Co., Cal.
One-story brick and concrete store building.
Owner—Roy Van Vliet, 155 Montgomery St., San Francisco.
Architect—Earle Bertz, 210 Post St., San Francisco.
Contractor—Carl Nelson, 1421 E-Channel St., Stockton.

Plans Being Prepared.
STORE BLDG. Cost, \$—
WOODLAND, Yolo Co., Cal.
One-story brick and concrete store building.
Owner—Roy Van Vliet, 155 Montgomery St., San Francisco.
Architect—Earle Bertz, 210 Post St., San Francisco.
Bids will be taken from a selected list of contractors in three weeks.

Sub-Bids Being Taken.
GARAGE Cost, \$200,000
OAKLAND, Alameda Co., Cal. Harrison St. and Bay Place.
Three-story reinforced concrete auto sales building and garage.
Owner—Earl C. Anthony.
Architect—Powers & Ahnden, 605 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Plans Being Prepared
STORE BLDG. Cost, \$—
 MARYSVILLE, Yuba Co., Cal. 10 St., bet. Third and Fourth Sts.
 One-story brick and concrete store bldg. owner—Roy Van Alst, 150 Montgomery St., San Francisco.
 Architect—Earle Birtz, 210 Post St., San Francisco.
 Leslie M. Schwab & Co., Marysville.
 Bids will be taken in three weeks from selected list of contractors.

Plans Being Figured Bids Close March 29, 1 P. M.
OFFICE BLDG. Cost, \$80,000
 SAN JOSE, Santa Clara Co., Cal. W-Santa Clara Street.
 Two-story concrete building (mail order house on 1st floor; offices, etc., on 2nd floor, Spanish type).
 Owner and Builder—Normander-Campbell Co., 220 W-Santa Clara St., San Jose.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; 216 S-First St., San Jose.
 Lessee—Montgomery-Ward.
 Bids are being received in the San Jose office.

Plans Being Figured
STORE BLDG. Cost, \$—
 REDWOOD CITY, San Mateo Co., Cal. Broadway, Opp. Courthouse.
 One and two-story Class C store building owner—Hare, Brewer & Clark, Inc., 130 University Ave., Palo Alto.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 These stores will be erected in conjunction with a Class A theatre covering property 209x265 feet. Total cost, \$300,000.

Plans Being Figured—Bids Close March 31st
STORE BLDG. Cost, \$90,000
 RICHMOND, Contra Costa Co., Cal. Santa Fe Terminal.
 One-story reinforced concrete store building.
 Owner—Santa Fe Railroad.
 Plans prepared by Eng. Dept. in Los Angeles.
 Bids are being received at the Los Angeles Office, Kerckoff Bldg.

Sub-Bids Being Taken
TELEPHONE EXCHANGE \$150,000
 OAKLAND, Alameda Co., Cal. Forty-fifth and Telegraph Ave.
 Two-story and basement steel frame, brick and concrete telephone exchange building.
 Owner—Pacific Telegraph & Telephone Co., 140 New Montgomery St., S. F.
 Engineer—E. V. Cobby, 140 New Montgomery St., San Francisco.
 Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
 As previously reported, structural steel awarded to Judson Pacific Co., 604 Mission St., San Francisco.

LOS ANGELES, Cal.—J. V. McNeil Co. 5899 Avalon Blvd., awarded contract by the Developers, Inc., headed by John A. Quinn and composed of property owners along 7th st., to reconstruct 30 buildings on 7th st., bet. Figueroa and Lucas sts., which will be affected by the lowering of the grade on 7th st. The work will involve an expenditure of approx. \$6,000,000 and will include the reconstruction of the 8-story and basement class A Don Lee building. Several of the property owners whose buildings will be wrecked will have height limit class A buildings erected for their property and the McNeil Co. has the contract for this work also. It is understood that each property owner will employ his own architect. John C. Austin, Chamber of Commerce Bldg., will be architect for the Howell Terrace apartments, which is the second largest structure included in the reconstruction limits, and C. E. Noerenberg, 191 L. A. Ry. Bldg., is the architect for the Don Lee building. Ruiff & Weaver, owners of the Westmore Hotel property, have announced that they are considering a height limit class A building to replace the present 1-story frame and 1-story brick buildings at the s. w. corner of Francisco and West 7th sts. and that Richard D. King, Van Nuys Bldg., has been retained as architect for the project.

GRIDLEY, Butte Co., Cal.—Construction will be started shortly on a one-story brick, 50x110 ft. store building in Kentucky st. for Col. H. C. Veatch; will have pressed brick front.

FRESNO, Fresno Co., Cal.—Roy J. Woodward, 1936 Kern St., Fresno, will have plans prepared for a one-story brick store building at 730-738 Van Ness Ave.; 100 by 40 feet, steel frame; enamel brick exterior; estimated cost \$15,000. Will contain 5 stores.
Contract Awarded
STORE Cost \$70,000

RICHMOND, Contra Costa Co., 10th and Macdonald ave.
 Two-story class C store bldg. owner—S. H. Kress & Co.
 Architect—T. J. T. Hoffman, New York.
 Contractor—Fehlman, Shaw & Franklin, Rowell Bldg., Fresno.

Structural Steel Contract Awarded
OFFICE BLDG. Cost \$350,000
 SAN FRANCISCO, NE Post and Mason.
 Fifteen-story wing addition adjoining present 15-story class A medico-dental bldg.

Owner—Medico-Dental Bldg. Corp., 450 Post st.
 Architect—George Kelham, 315 Montgomery st.
 Engineer—H. J. Brunnier, Sharon Bldg.
 Contractor—George Wagner, 181 South Park.

Structural steel—Judson-Pacific Co., 609 Mission st.
 Bids on other parts of the work to be taken soon.

Contracts Awarded
CLASS C BLDG. Cost, \$70,000
 SAN JOSE, Santa Clara Co., Cal. No. 180 S-First St.
 Two-story and basement Class C building.
 Owner—Fred and Louis Doerr, 44 W-San Fernando St., San Jose.
 Architect—S. H. Kress & Co.
 Contractor—Fehlman, Shaw & Franklin, Rowell Bldg., Fresno.

Wrecking—San Jose Wrecking Co., 30 Stockton St., San Jose.
Excavating—J. S. Baker.
Structural Steel—Pacific Rolling Mill, 1200 17th St., San Francisco.
Metal Ceiling—Berger Mfg. Co., 1126 Mission St., San Francisco.
Terra Cotta—Gladding, McBean & Co., 660 Market St., San Francisco.
 Bids on other parts of the work now being taken.

POST OFFICE Cost \$40,000
 CORCORAN, Kings Co., Cal.
 One-story brick store and post office Bldg., S. F.
 Architect—F. Eugene Barton, Crocker Bldg., S. F.
 Engineer—T. Ronneberg, Crocker Bldg., S. F.
 Contractor—Lawton & Vezey, 354 Hobart st., Oakland.

Rock and sand—Coast Rock & Gravel Co.
Cement—Santa Cruz Portland Cement Co., Crocker Bldg., S. F.
Reinforcing steel—Kyle & Co., 74 New Montgomery st., S. F.
Brick work—Roy Carter.
Structural steel—Herrick Iron Works, 18th and Campbell sts., Oakland.
Mill work—National Mill & Lumber Co., 400 High st., Oakland.
Glass—W. P. Fuller & Co., 301 Mission st., S. F.
Plastering—W. J. Biddle.
Plumbing—Feary & Moll, 1075 40th st., Oakland.
Wiring—Corcoran Electric Co., Corcoran.

Additional Sub-contracts Awarded
BANK BLDG. Cost \$100,000
 SAN FRANCISCO, Mission and Norton sts.
 One-story steel frame and concrete bank bldg.
 Owner—Hibernia Savings & Loan Society
 Architect—Arthur Brown Jr., 251 Kearny st., S. F.
 Structural Engineer—C. H. Snyder, 251 Kearny st., S. F.
Granite—Raymond Granite Co., 3 Potrero avenue.
Electric clocks—Standard Electric Time Co., De Young Bldg.
Plumbing and heating—Scott Co., 241 Minna st., S. F.
 As previously reported, masonry awarded to MacDonald & Kahn, Financial Center Bldg.; structural to Western Iron Works, 141 Beale st.; vault work to Hermann Safe Co., Howard and Main sts.

THEATRES

Contract Awarded
THEATRE Cost \$—
 SAN RAFAEL, Marin Co., Cal., NW Fourth and Loutens place.
 Two-story concrete and terra cotta theater and store building (seating capacity 1500; 4 stores).
 Owner—Jacob Albert, Fourth and B sts., San Rafael.
 Architect—Reid Bros., 105 Montgomery st., San Francisco.
 Contractor—Gagnon Bros., 21 Allman ave., San Rafael.

Contract Awarded
THEATRE Cost, \$180,000
 REDWOOD CITY, San Mateo Co., Cal. Broadway, opp. Courthouse.
 Class A theatre (seating capacity 1500).
 Owner—Hare, Brewer & Clark, Inc., 130 University Ave., Palo Alto.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Lessee—E. J. Arkhurst.
 Contractor—G. B. Pasqualetti, 2330 Larkin St., San Francisco.
 Electrical work awarded M. E. Ryan, Redwood City.

Structural Steel Contract Awarded.
THEATRE Cont. Price, \$185,000
 OAKLAND, Alameda Co., Cal. S 17th St. bet. San Pablo and Telegraph Aves., 100x105 feet.
 Class A theatre building to be known as Duffwin Theatre (seating 1250)

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Saturday, March 24, 1928.

Owner—Income Properties of Calif., Inc., 436 14th St., Oakland (Fred Proctor).
 Lessee—Henry Dully, % Alcazar Theatre, O'Farrell St. near Powell, S. F.
 Architect—Weeks & Day, Financial Center Bldg., San Francisco.
 Contractor—Charles Heyer, Mills Bldg., San Francisco.
Structural Steel—Pacific Coast Eng. Co., Foot 14th St., Oakland.
 As previously reported, excavating awarded to Ariss Knapp Co., 961 41st St., Oakland.

REDONDO BEACH, Cal.—Until 8 p. m. April 2, bids will be rec. for creosoted wooden pier with a cement concrete deck from foot of Emerald st., west, south and east in form of a horseshoe, to west terminus of Pier ave. Plans obtainable from Victor H. Staheli, city engineer. Cert. check or bond 10 per cent. Walter J. Balaam, city clerk.

WHARVES AND DOCKS

MARTINEZ, Contra Costa Co., Cal.—See "Factories and Warehouses," this issue. Contract awards by Western Oil & Refining Co.

SAN FRANCISCO—According to word from Congressman Richard J. Welch, legislation authorizing construction of a recreation pier at the foot of Van Ness avenue has received the approval of the House. Amendments described as "trivial" were made in the bill as approved by the Senate, according to Welch, who expects final passage of the legislation within the next few days.

MISCELLANEOUS BUILDING CONSTRUCTION

OAKLAND, Alameda Co., Cal.—Until March 26, 5:30 p. m., bids will be rec. by City Port Comm., Oakland Bank Bldg., to fur. and install miscellaneous office partitions at Grove Street pier.

Plans Being Figured—Bids Close April 2, 12 noon.

ADDITION Cost \$225,000.
SAN FRANCISCO, Golden Gate Park, Kezar Stadium.

Owner—City and County of San Francisco.

Architect—Masten & Hurd, Shreve Bldg.
 Consulting Engineer—Thomas F. Chace, Shreve Bldg.

Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

(See call for bids under official proposal section in this issue.)

Construction Started Cost \$16,000
PAVILION
SANTA CRUZ, Santa Cruz Co., Cal. Rio Del Mar near Aptos.

Frame and stucco bathing pavilion with terra cotta tile roof (190x120 feet).

Owner—Peninsular Properties Co.
 Architect—Benjamin G. McDougall, 353 Sacramento st., S. F.

Contractor—E. T. Leiter & Son, 3601 West st., Oakland.

Plans Being Figured—Bids Close March 26th, 1 P. M.

UNDERTAKING PARLOR Cost, \$17,000
COLUSA, Colusa Co., Cal.

One-story frame and stucco undertaking parlor.

Owner—Sullivan Bros.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.

Sub-contracts Awarded Cost \$7500
ALTERATIONS
WOODSIDE, San Mateo Co., Cal.

Alterations to stables, barns, etc.
 Owner—William Matson.

Architect—G. Albert Lansburgh, 140 Montgomery st., S. F.

Contractor—Lindgren & Swinerton, Inc., 225 Bush st., S. F.

Mill work—Pacific Mfg. Co., Monadnock Bldg., S. F.

Wiring—H. C. Reid & Co., 389 Clementina st., S. F.

Plastering—Peter Bradley, 639 Brannan st., S. F.

Plans Being Prepared.

PAVILION Cost, \$16,000

SANTA CRUZ, Santa Cruz Co., Cal. Rio Del Mar near Aptos.

Frame and stucco bathing pavilion with terra cotta tile roof (190x130 feet).

Owner—Peninsular Properties Co.
 Architect—Benjamin G. McDougall, 353 Sacramento St., San Francisco.

SAN FRANCISCO—Supervisors definitely abandon proposal to dump garbage at sea and have approved preliminary plans of City Eng. M. M. O'Shaughnessy for the construction of a \$500,000 garbage incinerator to be located at De Haro and Army sts. Will have capacity of 700 tons a day.

LODI, San Joaquin Co., Cal.—City clerk authorized by council to purchase additional lockers for installation at municipal bathhouse.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works for wiring 500 Carter Arterial Stop signs in various sections of the city.

BERKELEY, Alameda Co., Cal.—The Standard Fence Co., 60th and Lowell sts., Oakland, at \$1680 submitted the only bid to Emma M. Hann, city clerk, to fur. and erect wire fencing around Grove Playgrounds in Grove st. bet. Oregon and Russell sts. Bid taken under advisement.

PALO ALTO, Santa Clara Co., Cal.—City Engineer J. F. Byxbee Jr., preparing revised plans for proposed pedestrian subway under El Camino Real fronting Mayfield grammar school; est. cost, \$5000

SAN DIEGO, Cal.—City council plans to establish a municipal paving plant. Est. cost, \$350,000.

TURLOCK, Stanislaus Co., Cal.—Committee has been appointed by Commander Clarence Pearl of American Legion Post to investigate costs for installation of sprinkler system at Legion athletic field.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be received by Board of Public Works to place traffic lane markers in various sections of the city, under Contract No. 3. Specifications obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—Plans and specifications are on file in the office of Larsen Advance Construction Reports for proposed enlargement of Kezar Stadium from plans of Masten & Hurd, architects, and Thos. F. Chace, consulting engineer. Will be of steel or reinforced concrete construction with all-steel uprights. Present walls will be increased in height from 25 to 35 feet. New dressing rooms and pavilion for newspapermen and camera men will be provided. Bids will be opened April 2. The cost in estimated at \$225,000.

SACRAMENTO, Cal.—City Eng. Allan J. Wagner estimates cost of community clubhouse in McKinley Park with quarters for branch library at \$15,000 and \$20,000 for a municipal building in McClatchy Park with clubrooms, branch library and sub-police station; also \$12,000 for a lodge at Camp Sacramento.

SOUTHERN CALIFORNIA—Southern California Telephone Co., 740 S Olive st., Los Angeles, will expend \$8,800,000 during the current year for improvements which will include: \$680,000 for land and new buildings; \$5,500,000 for central office and station equipment, and \$2,600,000 for line, cable and conduit. N. R. Powley is vice president and general manager of the company.

BERKELEY, Alameda Co., Cal.—The National Fence Co., 354 Hobart Street, Oakland, at \$1680 submitted the only bid to Emma M. Hann, city clerk, to fur. and erect wire fencing around Grove Playgrounds in Grove st. bet. Oregon and Russell sts: Bids taken under advisement.

BUSINESS OPPORTUNITIES

D-2799—Mechanical Devices.

Boston, Mass. Watson Hartley, pres., Mechanical Devices, Inc., Metropolitan Bldg., 260 Tremont st., Boston, Mass. manufacturers of an automatic locking

cotter pin, self-starting screw and screw driver, and automatic locking nut, desire to get in touch with a suitable San Francisco individual or firm to handle the distribution of their products in this territory.

D-2800—Rat Guards.

New Orleans, La. G. Lyncker, American Sheet Metal Works, P. O. Box 547, New Orleans, manufacturers of rat guards for ships' ropes, desire to appoint a representative to sell their product in this district. They prefer someone already calling on the ship chandlers.

D-2801—Ohio and Indiana Sales Representation.

Cincinnati, Ohio. A. C. Hawkins, A. C. Hawkins Co., 723 Provident Bank Bldg., Cincinnati, Ohio. Company in a position to give high class sales representation to San Francisco manufacturers wishing to market their products in the states of Ohio and Indiana.

12794—Flour and Rice Milling Machinery.

Hollywood, Calif. J. S. Hirai, Evergreen Nursery, 1539 N Bronson ave., Hollywood, Calif., seeks connections with manufacturers of milling machinery, particularly that used in milling rice flour, wheat and corn; also rice polishing machinery, for export purposes.

12795—Dietz Lantern Globes.

San Francisco, Cal.—G. R. Channon, 268 Market st., San Francisco, Cal., wishes to get in touch with suppliers of Dietz lanterns, for export purposes.

12799—Motor Yachts and Motor Launches.

Hamburg, Germany. Hugo & Van Emmerik, Zippelhaus 4, Hamburg 8, Germany. Dealers in motor yachts and motor launches with connections with shop chandlers, brokers, or agents, in California.

12801—Granite.

Heinersdorf, Germany. Granitwerke G. Franke & Brueder, Heinersdorf O. S. (Kr. Neisse), Germany. Granite mills and quarries wish connection with sculptors and dealers of monuments for cemeteries.

12805—Spectacles, Goggles, Magnifying

Glasses, Compasses, Thermometers, etc.

Rathenow, Germany. August Baumgart, Rathenow, Germany, wishes agent in California.

12807—Porcelain Ware.

Kobe, Japan. M. Taguchi & Co., Ltd., 169, Sannomiyacho 1-Chome, Kobe, Japan. Manufacturers of porcelain ware wish to get in touch with San Francisco importers of such products.

12811—Australian Representation.

Los Angeles, Cal. E. Schopfer, 223 E Pico st., Los Angeles. Highly recommended business man is planning to establish himself in business in Australia, where he will represent a number of United States manufacturers and will develop markets for American merchandise. He offers his services to San Francisco firms which are desirous of entering the Australian markets.

12812—South African Representation.

St. Paul, Minn. James Kennedy, 1069 Ashland ave., St. Paul, Minn. Highly recommended business man, well acquainted with the country, people and business customs of South Africa, is about to take up his residence in Port Elizabeth, Cape Colony, South Africa, and offers his services as sales manager, or merchandise distributor, to San Francisco manufacturers wishing to reach the South African market with their products. He is at present a wholesale salesman in the middle western United States where he is highly successful.

12814—Lumber, Wooden Doors, Windows, Provisions, Cement, Metal Roofing, Wire.

Call, Colombia. A. E. Chew, export manager, the Bon Ami Co., 17 Battery place, New York, N. Y. Established manufacturer's agent is interested in securing the representation of export firms or manufacturers of yellow pine, Douglas fir, red pine and other woods for floors and ceilings; also wooden doors and windows; as well as rice, lard, spices, sugar, paraffin, rosin, soda and other provision lines, and cement, corrugated iron or plain iron for floors, barbed wire, plain wire, etc. U. S. A. reference.

12816—Onyx.

Cajeme, Mexico. Walter Thomas, Cajeme, Sonora, Mexico, requires a second-hand steam engine, 30 to 40 hp., to run a small flour mill.

Mexico City, Mexico. M. B. Katze, Rivas & Katze, San Juan de Letran, 6, Mexico City, Mexico., controlling exceptional deposits of onyx is desirous of corresponding with parties engaged in handling onyx.

12818—Second-hand Steam Engine.

Engineering News Section

BRIDGES

SACRAMENTO COUNTY, Cal.—McGraw-Hill Const. Co., Folsom Blvd., Sacramento, at \$62,618 (eng. est. \$81,511) awarded cont. by State Highway Comm. to const. undergrade crossing under tracks of Southern Pacific at Brighton, consisting of the conc. abutments with wing walls, about 2850 ft. of rdwy. and 620 ft. of sidewalk graded and paved with Port cem. conc. and flood protection.

HUMBOLDT COUNTY, Cal.—Following bids rec. March 21 by State Highway Comm. to const. two reinforced conc. girder bridges, one over Prairie creek about 1 1/2 mi. north of Orick, consisting of four 30-ft. spans, and another over Lost Man creek about 3 mi. north of Orick, consisting of one 40 ft. span and two 22-ft. spans:

E. B. Skells, Roseville	\$30,982
R. Johnson, Glendale	32,850
Fred J. Mauer, Eureka	32,934
Smith Bros., Eureka	34,693

Engineer's estimate \$30,859.

LOS ANGELES, Cal.—Until 2 p. m., April 16, bids will be rec. by county to const. reinf. conc. girder bridge on Pacific ave. over Dalton Wash.

SAN RAFAEL, Marin Co., Cal.—Jas Currie, 1100 Peninsula ave., Burlingame, at \$6665 awarded cont. by county to const. Down Town to Pine Gulch Bridge via Wilkins Ranch on Bolinas rd., approx. 2 1/2 mi. in length to be graded and rock surfaced, involy. 7500 cu. yds. excavation without classification; 100 sta. yds. over-haul; 590 lin. ft. 12-in. 94 lin. ft. 18-in. and 46 lin. ft. 21-in. corr. metal culverts; 28 cu. yds. O conc. (culvert head-walls); 2600 lbs. reinf. steel; 1000 cu. yds. gravel or broken stone in place. County will fur. corr. metal pipe. Other bids: W. C. Healey, \$9593; Cuffe & White, \$9653.

OROVILLE, Butte Co., Cal.—Until April 2, bids will be rec. by C. F. Belding, county clerk, to const. steel and conc. bridge over China Ravine on Cohasset Rd. Est. cost \$1500. Plans obtainable from County Engineer Harry H. Hume.

VISALIA, Tulare Co., Cal.—L. C. Clark, Visalia, at \$806.19 awarded cont. by county to const. reinf. conc. bridge over Lindsay Strathmore Canal, involy. 70.11 cu. yds. A conc., the county to furnish all materials. Other bids: Adell & Courtwright, Hanford, \$853; B. F. Salisbury, Stockton, \$973; G. A. Graham, Dinuba, \$989; Lambert & Wood, Fresno, \$1155; Earl Bowen, Strathmore, \$1337.

SHASTA COUNTY, Cal.—Until April 11, 2 p. m., bids will be rec. by State Highway Comm. to const. reinf. conc. bridge over Boulder Creek about 4 min. north of La Moine, consisting of one 8-ft. 8-in. open spandrel arch span and two 20-ft. 4-in. girder approach spans. C. H. Pierce, State Highway Eng. See call for bids under official proposal section in this issue.

DREDGING, HARBOR WORKS AND EXCAVATIONS

RICHMOND, Contra Costa Co., Cal.—City sells \$402,500 block of harbor bonds for payment of \$7266 proceeds of sale to finance dredging and rip-rapping at municipal harbor. E. A. Hoffman, city eng.

SAN CLIFF, Cal.—Application has been made to U. S. Engineer Office by Petroleum Exploration Co. for permission to fill and dredge fill in Pacific Ocean at San Cliff, about 1 1/2 mi. northwesterly of Ventura.

SACRAMENTO, Cal.—City Eng. Allan J. Wagner estimates cost of pleasure craft harbor including channel and turning basin but not including purchase or lease of land or clubhouse at \$27,000.

IRRIGATION PROJECTS

BERKELEY, Alameda Co., Cal.—City officials and Chamber of Commerce considering plans for imp. of waterfront lands for municipal airport. Project will include a fill and dredging for establishment of harbor for small craft. The cost is placed at \$300,000.

STOCKTON, San Joaquin Co., Cal.—Two bids for purchase of \$290,000 block of \$350,000 bond issue of Woodbridge Irrigation District have been taken under advisement. Proceeds of sale will make irrigation improvements.

LIGHTING SYSTEMS

SANTA ANA, Cal.—Robertson Electric Co., 303 N. Main St., Santa Ana, was awarded cont. by city at \$17,772 for ornamental light system in St. Andrews Place, bet. Main St. and Woodland Ave., involy. 86 Marbelite standards, with curbs, walks, pave. and culverts.

STOCKTON, San Joaquin Co., Cal.—Pacific Electric Const. Co., 1496 Mission st., San Francisco, at \$81,479 sub. low bid to city to install street lighting system involving 3-single light ornamental brackets and 222 ornam. Duplex lighting standards together with underground system in portions of Weber ave., Main st., Center st., El Dorado, Hunter and San Joaquin sts. Other bids, all taken under advisement, were: Underground Const. Co., \$81,870; H. C. Reid Co., \$84,250; Latourrette-Fical Co., \$86,254; E. L. Gneekow, \$86,921; NePage, McKinney Co., \$88,587; Globe Electric Works, \$88,925; H. H. Walker, \$89,227; A. C. Wright, \$90,651; Jasper-Stacy Co., \$91,000; Walker, Martin & Montgomery, \$91,100; Butte Elec. & Mfg. Co., \$95,450; M. W. Hild, \$96,800; Butte Elec. Equip Co., \$96,841.

SACRAMENTO, Cal.—City declares intention (2232) to imp. Curtis way, Montgomery way, 6th, 7th, 8th, 9th, 10th, 11th aves. and Coleman way bet. 24th st. and west boundary of Wm. Curtis Park, etc., involy. installation of electric street lighting system, consisting of 72 single lamp electroliers with underground system. 1911 act, bond act 1915. Protests April 5. H. G. Denton, city clerk; A. J. Wagner, city eng.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 300 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

BERKELEY, Alameda Co., Cal.—H. C. Reid Co., 389 Clementina st., San Francisco, at \$26,044, sub. low bid to city to install 64 Union metal electroliers with underground system in Shattuck ave., bet. Durant ave. and War st., and in Shattuck ave., bet. Durant and Adeline st., in Adeline st. bet. Shattuck ave. and Ward st. Other bids, all taken under advisement: H. C. Wright, \$26,500; Walker, Martin & Montgomery, \$26,548; Newberry-Pearce Co., \$27,500; Alta Electric Co., \$27,694; NePage-McKinney Co., \$28,560; engineer's est. \$29,022.

SAN MATEO, San Mateo Co., Cal.—Petitions being circulated for presentation to city council seeking installation of ornamental electrolier system from down town district to junction of ave. with Bayshore blvd. Est. cost \$150 to \$175 front ft. O. F. Weissgerber, city manager.

PITTSBURG, Contra Costa Co., Cal.—City Eng. George Oliver preparing spec. for ornamental street lighting system in Cumberland st. bet. 3rd and 10th sts., property owners having petitioned for the work.

MACHINERY AND EQUIPMENT

RICHVALE, Butte Co., Cal.—Until April 6, 7:30 P. M., bids will be rec. by Mabel D. Harris, Secty., Drainage District No. 100, to fur. and del. one 1/2 yd. Speeder Dragline, equipped with 30 ft. boom arm with 5 ft. extension—four crawler. See call for bids under official proposal section in this issue.

RENO, Nevada—Robinson Tractor Co., Reno, at \$2650 awarded cont. by county to fur. "30" Caterpillar tractor.

OROVILLE, Butte Co., Cal.—C. F. Belding, county clerk, on April 2, 2 p. m., will sell at public auction one Austin Western Road Grader, Mammoth Jr., type, no longer required by the county. Further information obtainable from Harry H. Hume, co. rd. eng.

SAN DIEGO, Cal.—City plans to establish a municipal paving plant; est. cost \$350,000.

PACIFIC GROVE, Monterey Co., Cal.—City contemplates purchase of equipment to be used in improving streets. H. D. Severance, city engineer.

MOUNTAIN VIEW, Santa Clara Co., Cal.—City purchases Austin power street sweeper for \$7500 with turn-in of street roller no longer required by city.

HANFORD, Kings Co., Cal.—Seven motor trucks, including school busses for transportation of students, were destroyed by fire in garage building of Hanford Union High School District.

MEXICO CITY, Mex.—Walter Thomas, Cajeme, Sonora, Mex., is in the market for a second-hand steam engine, 30 to 40 hp., to run small flour mill.

FIRE ALARM SYSTEMS

YREKA, Siskiyou Co., Cal.—City trustees vote to purchase siren for fire dept. Est. cost \$1000.

SACRAMENTO, Cal.—City Eng. A. J. Wagner estimates cost of central fire alarm system, manually operated with police and fire alarm system and call and flash boxes at \$272,600. Installation of automatic traffic signals in residential and business districts estimated at \$32,300.

FIRE EQUIPMENT

SACRAMENTO, Cal.—City Eng. A. J. Wagner estimates of cost of new service ladder truck for Oak Park firehouse at \$1,000.

SEWERS AND STREET WORK

LIVINGSTON, Merced Co., Cal.—Until April 16, bids will be rec. by city to inst. extensions to sewer system. Bids will be rec. by city to const. extensions sewer system. Bids will be considered for clay pipe, conc. pipe and combination clay and conc. pipe. Est. cost, \$80,000. Plans on file in office of clerk.

ESCONDIDO, Cal.—Until 7:30 P. M., March 26, bids will be rec. to const. sewer in Minnesota Ave., bet. Lime and Oak Sts., Delaware Ave., bet. Juniper St. and east terminus, Nevada Ave. and other streets including girding, curbs, gutters, etc. Bids will be taken on both 12-in. and conc. pipe. John Speer, city clerk.

SANTA ROSA, Sonoma Co., Cal.—Until April 10, 12 noon, bids will be rec. by W. S. Coulter, county clerk, for asphalt pave on Stony Point Road, Sect. 1, Santa Rosa-Guerneville Highway, bet. A and Santa Rosa-Sebastopol Highway, Sect. B, all in 3rd Supervisorial district, involv. Stony Point Rd., 1870 sq. ft. conc. pave; Santa Rosa-Guerneville Highway, 4330 sq. ft. conc. pave; Santa Rosa-Sebastopol, 2000 sq. ft. conc. pave. Est. cost \$34,500. E. A. Hughes, county surveyor. See call for bids under official proposal section in this issue.

PALO ALTO, Santa Clara Co., Cal.—Until March 26, 8 P. M., bids will be c. by E. L. Beach, city clerk, (618) to inst. storm drain system in portions of Ellogg Ave. and Webster St., involv. 5 in. ft. 10-in., 762 lin. ft. 15-in., and 5 lin. ft. 18-in. cem. conc. sewer; 2 manholes; 6 catchbasins. Prentiss Paving Co., 5th and Keyes Sts., San Jose, previous low bidder on this project at \$16,000. Bids were rejected. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. J. F. Byxbee, city engineer.

OAKLAND, Cal.—City declares inten. to imp. Funston place from Fruitvale Ave. s. e., involv. grade, pave, curbs, walks, wood culvert. 1911 act. Protests April 5. Frank C. Merritt, city clerk; Geo. N. Randle, city eng.

OAKLAND, Cal.—City declares inten. to sewer right-of-way in Lots 2, 3, 4, 5, 6 and 8 of Blk C, Toler Heights Tract, involv. manhole; wye branches. 1911 act. Protests April 5. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

SACRAMENTO, Cal.—City declares inten. (2229) to imp. L St., bet. Alhambra Blvd., and Seville Way, and portions of Granana Way, etc., involv. conc. curb, gutter; conc. manhole; c. i. drains; vit. sewers; asphalt conc. pave with seal coat; 1-in. water mains. 1911 Act. Bond Act 1915. Protests March 29. H. G. Denton, city clerk. A. J. Wagner, city eng.

OAKLAND, Cal.—City declares inten. to imp. Fruitvale ave. bet. Hoover ave. and S. W. line of lot 1, blk. 7, Fruitvale Gardens Tract and portions of Hoover Ave., etc., involv. grade, curbs, walks, storm water drains, vit. pipe conduit, manholes. 1911 act. Protests April 5. Frank C. Merritt, city clerk; Geo. N. Randle, city eng.

GLENN COUNTY, Cal.—L. G. Kipp, Sacramento, at \$6160 sub. low bid to State Highway Comm. to fur. and del. land. road surfacing on approx. 5 mi. of highway bet. Orland and Hamilton City. Eng. est. \$11,500.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 2, 9 a. m., bids will be rec. by S. A. Evans, city clerk, (408-C) to imp. Park place bet. Kaye and Beach Sts., involv. 5-in. conc. pave; w. c. water service connections; conc. meter boxes. 1911 act. bond act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. Roy Fowler, city eng.

OAKLAND, Cal.—Thos. F. Heafey, 344 High St., Oakland, awarded cont. by city to imp. portions of Clarendon Crescent, involv. conc. gutter, \$25; conc. box culvert with reinf. top, \$3; handhole, \$20; 10-in. vit. pipe conduit, \$2; manhole, \$100.

BERKELEY, Alameda Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at \$149,306 awarded cont. by city (614) to imp. Ashby ave. bet. San Pablo and College aves., involv. grade, conc. walks, gutters, curbs, storm and san. sewers, lateral sewers, manholes, catchbasins, culverts, pave., domestic water supply system, etc.

SAN JOSE, Santa Clara Co., Cal.—Prentiss Paving Co., 5th and Keyes Sts., San Jose, at \$24,370 (eng. est. \$25,985) awarded cont. by county to imp. Lindrum ave., in Sup. Dist. No. 2. Other bids: A. J. Ralsch, \$24,990; C. L. Carson, \$24,998; San Jose Paving Co., \$25,975.

SACRAMENTO, Cal.—City declares inten. (2233) to imp. portions of 9th ave., 23rd St., Freepoint Blvd., etc., involv. conc. curb, gutter, vit. sewers, conc. manholes, conc. walks, grade, asphalt conc. pave with seal coat, street lighting with underground system. 1911 act. bond act 1915; protests April 5. H. D. Denton, city clerk; A. J. Wagner, city eng.

PALO ALTO, Santa Clara Co., Cal.—Western Paving Co., Call Bldg., San Francisco, at \$2904 awarded cont. by city to imp. Emerson st. bet. Tennyson and California aves., involv. 476 lin. ft. conc. curb, 50c; 11,355 sq. ft. grading, 2c; 1500 sq. ft. 5-in. conc. pave., 20c; 9855 sq. ft. 6-in. conc. pave., 21½c; sidewalk corners, \$20 each.

PETALUMA, Sonoma Co., Cal.—City Eng. Gonzales preparing estimates of cost for sewers in section of city adjacent to parts of I, Olive and 9th sts.

GLENN COUNTY, Cal.—Force, Corrigan & McLeon, Oakland, at \$7400 sub. low bid to State Highway Comm. to fur. unscrreened gravel from Stony creek and deliver same to state highway bet. Orland and Hamilton City. Eng. est. \$12,000.

PALO ALTO, Santa Clara Co., Cal.—Prentiss Paving Co., 5th and Keyes Sts., San Jose, at \$51,923 awarded cont. by city to const. storm sewers in portions of Oxford ave., Darmouth St., Cambridge ave., etc., under Res. of Inten. 606, involv. 4900 ft. 10-in., 12425 ft. 12-in., 10,456 ft. 15-in., 2286 ft. 18-in., 1022 ft. 21-in., 1929 ft. 24-in. and 1614 ft. 30-in. pipe; 80 manholes and 195 catchbasins.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (410-C) to imp. Nevada st. bet. Columbia and Laguna St., and Laguna st. bet. Oregon and Nevada Sts., and Liberty st. bet. Nevada and Pelton ave., involv. vit. clay pipe main san. sewer with wyes, br. manholes. 1911 act. bond act 1915. Protests April 2. S. A. Evans, city clerk; Roy Fowler, city eng.

SAN FRANCISCO—Until March 21, 3 p. m., bids will be rec. by Board of Public Works to imp. Innes ave. bet. Newhall and Mendell Sts., involv. grade, conc. curb, 8-in. vit. sewers, br. manhole, 6-in. conc. base, 1½-in. asphalt conc. surface pave. Cert. check 10 per cent payable to clerk of Board of Sups. req. with bid. Plans obtainable from Bureau of Engineering, 2nd floor, City Hall.

OAKLAND, Cal.—Central Const. Co., Oakland Bank Bldg., Oakland, awarded cont. by city to imp. Martin St., Ayala Ave., Hermann St., 58th St., involv. excavation, \$.88; conc. curb, \$.75; conc. gutter, \$.25; asphalt conc. pave. 1½-in. surface, 3½-in. base, \$.24; cbm. walks, \$.17; 10-in. pipe conduit, \$.75; water inlets, \$.55 ea.; manhole, \$.75 ea.

SAN FRANCISCO—Bureau of Engineering, Board of Public Works, completing plans for Wawona St. main sewer bet. 25th and 34th Aves. Bids will be asked shortly.

LOS ANGELES COUNTY, Cal.—Until April 11, 2 p. m., bids will be rec. by State Highway Comm. to grade and pave with asphalt conc. 3.5 mi. bet. Monrovia and Azusa. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—Until April 2, 5 p. m., bids will be rec. by Chas. C. Hughes, secty. Board of Education, to const. curbs, gutters, walks, 4-in. asphalt conc. pave. fronting El Dorado School. Cert. check 10 per cent payable to secty. req. with bid. Plans on file in office of secty. A. J. Wagner, city eng.

SUNNYVALE, Santa Clara Co., Cal.—City declares inten. (241) to imp. portions of Murphy ave., McKinley Ave., etc., involv. grade, 1½-in. Warrenite-Bit surface pave on 2½-in. asphalt conc. base; conc. gutters, 4-in. conc. pipe lateral sewers, ¾-in. gal. iron water pipe services; conc. pipe storm water sewers, 8 to 21-in. dia. 1911 act. bond act 1915. Protests April 2. Ida Trubschenck, city clerk.

OAKLAND, Cal.—City declares inten. to imp. Greenly dr., bet. 73rd ave. and Field St., involv. grade, curbs, gutters, pave., conduits, storm water inlets and conc. end walls, storm water drain. 1911 act. Protests April 5. Frank C. Merritt, city clerk; Geo. N. Randle, city eng.

SAN ANSELMO, Marin Co., Cal.—Until April 2, 8 p. m., bids will be rec. by F. D. Burrows, town clerk, (87) to imp. City Hall ave. and Library pl. for their entire length, involv. grade, comb. conc. curbs, and gutters, br. and conc. manholes, hyd. cem. conc. walks, 6-in. vit. pipe san. sewers with wyes and 4-in. laterals, conc. and vit. lampholes, asphalt conc. pave. 1911 act. bond act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk.

SAN DIEGO, Cal.—City plans to establish a municipal paving plant; est. cost, \$350,000.

SACRAMENTO, Cal.—Until March 29, 5 p. m., (to be opened 8 p. m.) bids will be rec. by H. G. Denton, city clerk (2223) to imp. R. S. 9th and 10th sts., involv. c. i. drains; vit. sewers; reconst. manhole; 1-in. water main connection; grade; hyd. conc. pave; const. retaining walls. 1911 act. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city eng.

SAN FRANCISCO—Fay Imp. Co., Phelan Bldg., at \$1,279.65 awarded cont. (informal bid) by State Harbor Commission for 6900 sq. ft. black pavement; 2 catchbasins and drain pipes on Seawall Lot No. 8. Other bids: McDonald & Maggioria, \$1473; Eaton & Smith, \$1975; C. L. Harney, \$2855.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Board of Public Works to const. La Honda sewer. Estimated cost \$23,000. This is a city pay job. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—Meyer Rosenberg, 243 Day St., at \$23,493.50 awarded cont. by Bd. Pub. Wks. to imp. Innes Ave., bet. Newhall and Mendell and bet. Lane and Mendell. Municipal Const. Co., only other bidder at \$26,344.80.

SACRAMENTO, Cal.—City Eng. Allan J. Wagner estimates cost of airport development at Del Paso Park to secure AAA rating at \$335,000.

GALT, Sacramento Co., Cal.—City will select engineer shortly to prepare plans for proposed sewer system; est. cost, \$40,000.

WOODLAND, Yolo Co., Cal.—City Eng. Asa G. Proctor preparing spec. for sidewalks in various sections of the city.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. R. Hogan preparing estimates of cost for san. sewers in East Streetlight Addition, A. L. Banks, city clerk.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing estimates of cost to pave 3 blocks in Hazelton Ave., bet. Wilson Way and Beagle alley. Will involve curbs, gutters, pave.

OAKLAND, Cal.—City declares inten. to imp. portions of Sterling dr., Columbian dr., and Sunkist dr., involv. grade, curbs, gutters, walks, pave., corr. iron and conc. culvert. 1911 act. Protests April 5. Frank C. Merritt, city clerk; Geo. N. Rangle, city eng.

OAKLAND, Cal.—City declares inten-
tion. 24th St., bet. Wood and Mag-
nolia Sts., involv. grade; curbs;
gutters, pave., conduits; catchbasins;
manholes, sewers. 1911 Act. Protests
April 5. Frank C. Merritt, city clerk.
Geo. N. Randle, city engineer.

SAN MATEO COUNTY, Cal.—Until
April 11, 2 p. m., bids will be rec. by
State Highway Comm. to grade and sur-
face with crushed stone 3 mi. bet. Broad-
way Station and Fifth ave. C. H. Purcell,
state highway eng. See call for bids un-
der official proposal section in this issue.

SAN MATEO COUNTY, Cal.—Until
April 11, 2 p. m., bids will be rec. by
State Highway Comm. to grade and sur-
face with crushed gravel or stone, 13.8
mi. in San Mateo, Santa Clara and
Santa Cruz counties, bet. La Honda rd.
and Saratoga Gap. C. H. Purcell, state
highway eng. See call for bids under
official proposal section in this issue.

PALO ALTO, Santa Clara Co., Cal.—
City declares inten. (632) to imp. Parkin-
son Ave., involv. grading; 5-in. hyd. conc.
pave., bet. Wilson and Cedar Sts.; conc.
curbs; Seneca St., bet. Forest and Boyce
Aves., involv. grade; 5-in. hyd. conc.
pave.; conc. curb. 1911 Act. Protests
April 9. E. L. Beach, city clerk. J. F.
Byxbee Jr., city engineer.

SACRAMENTO, Cal.—As previously
reported, bids will be rec. by Chas. C.
Hughes, Secy., Board of Education,
April 2 5 P. M., to complete track and
football field for stadium at Sacramento
Junior College grounds. Dean & Dean,
architects, California State Life Bldg.,
Sacramento. Cert. check 10% payable
to Secy., req. with bid. Plans obtain-
able from architect on deposit of \$10,
returnable. See call for bids under of-
ficial proposal section in this issue.

LOS ANGELES, Cal.—Until April 2, 2
P. M., bids will be rec. by County Su-
pervisors to const. storm drain system
in Drainage District No. 23, embracing
portions of Monterey Park, Montebello,
involv. 8.47 mi. pipe lines, 6.51 mi. box
conduit and 0.78 mi. arch section; est.
cost \$2,692,410. Plans obtainable from C.
E. Arnold, construction engineer, 7th
Floor, Hall of Records.

SACRAMENTO, Cal.—City Eng. Allan
J. Wagner estimates cost of resurfac-
ing Sts. in business dist. of East Sacra-
mento at \$133,800; new rdwy. and un-
derpass to connect with Second St. at
mouth of American River, at \$300,000.

SAN JOSE, Santa Clara Co., Cal.—
Until March 26, 8 p. m., bids will be
rec. by John J. Lynch, city clerk, to
const. reinf. conc. pedestrian subway with
apertures under The Alameda at Hest-
er ave., includ. lighting, drainage sys-
tem, two sump holes, vit. sewer, etc.
1911 act. Cert. check 10 per cent pay-
able to city req. with bid. Plans on file
in office of clerk. Wm. Popp, city eng.

SHASTA COUNTY, Cal.—Until April
11, 2 p. m., bids will be rec. by State
Highway Comm. to grade and surface
with crushed gravel or stone, 6.3 mi. bet.
Conant and north boundary. C. H. Pur-
cell, state highway eng. See call for bids
under official proposal section in this
issue.

GLENN COUNTY, Cal.—L. G. Kipp,
Sacramento, at \$6100 awarded cont. by
State Highway Comm. fur. and del.
stand. road surfacing on approx. 5 mi. of
highway bet. Orland and Hamilton City.
Eng. est. \$11,500.

SACRAMENTO, Cal.—City Eng. A.
J. Wagner estimates cost of improving
park roads at \$15,300 and removal of park
centers in 1 St. at \$11,000. Park area and
imps. in East Sacramento district are
estimated at \$25,000.

GLENN COUNTY, Cal.—Force, Corri-
gan & McLean, Oakland, at \$7400 award-
ed cont. by State Highway Comm. to fur.
undescend. gravel from Stony creek and
deliver same to state highway bet. Or-
land and Hamilton City. Eng. est. \$12,-
000.

SAN BERNARDINO, Cal.—Until April
2, 7:30 p. m., bids will be rec. by J. H.
Osborn, city clerk, to imp. portions of L
St., Rialto ave., Barton St., etc., involv.
curbs, gutters, cit. sewers, walks, conc.
and asph. conc. pavement. 1911 act. Plans
on file in office of clerk.

SHASTA COUNTY, Cal.—Until April
11, 2 p. m., bids will be rec. by State
Highway Comm. to grade and surface
with crushed gravel or stone, 5.8 mi. in
Shasta county bet. Shotgun creek and
Conant. C. H. Purcell, state highway
eng. See call for bids under official pro-
posal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—
Peres Bros., Richmond, at \$17,705, award-
ed cont. by county to imp. Homestead
rd. in Sup. Dist. No. 5; eng. est. \$17,994.
Other bids: A. J. Raich, \$19,900; Granite
Const. Co., \$20,000; O. G. Ritchie, \$21,-
240; McReynolds & Tiffany, \$22,448.

SAN JOSE, Santa Clara Co., Cal.—San
Jose Paving Co., San Carlos and Dupont
sts., San Jose, at \$46,700 (surveyor's est.
\$42,270) awarded cont. by county to imp.
sts. in Cottage Grove in Sup. Dist. No.
2. Other bids were: A. J. Faisch, \$47,-
400; C. L. Carson, \$47,888; Prentiss Pav-
ing Co., \$50,553.

OXNARD, Cal.—Election will be held
April 9 to vote bonds of \$13,000 for sewer
extensions and \$7000 to reconstruct sewer
outfall.

SACRAMENTO, Cal.—Until March 29,
5 p. m. (to be opened 8 p. m.) bids will
be rec. by H. G. Denton, city clerk (2224)
to imp. alley bet. N. O. 2nd and 3rd sts.,
involv. c. i. drains; vit. sewers; reconst.
manhole; 1-in. water main connections;
grade; hyd. conc. pave. 1911 act. Cert.
check 10 per cent payable to city req.
with bid. Plans on file in office of clerk.
A. J. Wagner, city eng.

PLACERVILLE, El Dorado Co., Cal.—
City contemplates widening of Main St.
Surveys and estimates of cost are being
prepared.

LARKSPUR, Marin Co., Cal.—Town
trustees declare inten. (No. J. J. 278) to
imp. Estelle Ave., in Murray Tract, bet.
Magnolia Ave. and south city limits, in-
clud. intersections, involv. grade; 4-in.
asph. conc. pave.; conc. curb, gutter;
conc. catchbasins; 10, 12 and 24-in. corru.
iron pipe culverts. 1911 Act. Bond Act
1915. Protests April 4. Belle C. Brown,
town clerk. J. C. Oglesby, town eng.

GRIDLEY, Butte Co., Cal.—Trustees
of Gridley Union High School Dist. hav-
ing surveys made for proposed football
and track field in connection with high
school grounds.

SAN LUIS OBISPO, Cal.—Until March
28, 10 a. m., bids will be rec. by R. E.
Mittelstaedt, adjutant general, at the of-
fice of the district engineer, State High-
way Comm., Bank of Italy Bldg., San
Luis Obispo, to imp. various roads in
National Guard training camp, 4.9 mi.
north of San Luis Obispo, approx. 1.0
mi. in length, involv. grading, crushed
stone surfacing. Plans obtainable from
engineer's office at San Luis Obispo. Cer-
check 10 per cent req. with bid.

PALO ALTO, Santa Clara Co., Cal.—
City declares inten. (632) to imp. Uni-
versity Ave., bet. Middlefield Rd. and
Hale St., involv. grade; 6-in. hyd. conc.
pave.; cem. conc. curbs; cem. conc. side-
walk corners; 4-in. vit. sewers; ¾-in.
galv. water service connections. 1911
Act. Protests April 9. E. L. Beach,
city clerk. J. F. Byxbee Jr., city eng.

LEMOORE, Kings Co., Cal.—City re-
jects bids of Adell & Courtright of Han-
ford and Wheelwright Const. Co. of Utah
to const. sewer extension in 3-blocks
of Magnolia ave., bids being too high.
New bids will be asked.

SAN DIEGO, Cal.—City plans sewer
system to serve Pacific Beach; est. cost
\$200,000. H. A. Jorgensen, city eng.

MERCED, Merced Co., Cal.—City will
start proceedings at once to pave M st.
bet. 12th and 15th sts., covering "dips"
in N at 18th st. and imp. 16th st. bet.
H and I sts.; est. cost \$17,700.

WATER WORKS

SAN MATEO, San Mateo Co., Cal.—
Bids will be asked at once by City Man-
ager O. F. Weissgerber, to fur. and erect
40,000-gal. water tank in connection with
irrigation system at San Mateo Park.
Plans on file in office of clerk.

LIVINGSTON, Merced Co., Cal.—Until
April 16, bids will be rec. by city to
drill two deep wells, fur. and install
pumps and motors and one 75,000-gal.
water tank on tower 120 ft. high with
complete distributing system and fire
hydrants. Est. cost \$44,000. Plans on
file in office of city clerk.

HOTELVILLE, Cal.—Burns-McDonnell-
Smith Engineering Co., Western Pacific
Bldg., Los Angeles, preparing plans for
\$40,000 water system involv. 4,000,000 gal.
reservoir, pumping plant equipment and
4-in., 6-in. and 10-in. c. i. mains, hy-
drants, fittings, etc. Bonds will be voted
to finance.

TURLOCK, Stanislaus Co., Cal.—
Committee has been appointed by Com-
mander Clarence Pearl of American
Legion Post to investigate costs for in-
stallation of sprinkler system at Legion
athletic field.

TURLOCK, Stanislaus Co., Cal.—Un-
til April 17, 8 p. m., bids will be rec. by
A. P. Ferguson, city clerk, to fur. and
del. 1200 ft. 4-in., 200 ft. 6-in. and 800
ft. 8-in. bell and spigot c. i. pipe, class B.
Shipment to be f. o. b. Turlock. Cert.
check 10 per cent req. with bid. Spec.
on file in office of clerk. See call for bids
under official proposal section in this
issue.

SACRAMENTO, Cal.—Partial collapse
of one entire chamber of the sedimenta-
tion basin at the Municipal filtration
plant will involve an expenditure of ap-
prox. from \$70,000 to \$80,000 for repairs.
Engineers are making an investigation,
and will submit report to city council
shortly.

PLANNED

YERINGTON, Nevada—Ranchers in
Mason and Smith Valleys, near Yering-
ton, contemplate const. of dam in Hoyo
Canyon near Wellington for water stor-
age for irrigation; estimated cost \$350,-
000.2 A straw vote taken by S. P. Ka-
fouray, secretary of the Walker River
Irrigation Dist., shows that the project
is favored by a two-thirds majority.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers,
Drag Lines, Elevators, Car Unloaders, and other Road and
Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

Saturday, March 24, 1928.

OAKLAND, Cal.—Pelton Water Wheel Co., 2929 19th st., San Francisco, at \$10,54 sub. low bid to East Bay Municipal Utility Dist. to fur. f. o. b. Valley Springs no throttle valve. Bid taken under advisement.

BEVERLY HILLS, Cal.—Carpenter Bros., 457 N-Canyon Dr., Beverly Hills, at \$123,880 awarded cont. by city to const. Thomas arch type underground reservoir of 7,250,000 gals. capacity; reinf. conc. construction with arch rib roof, covered with soil; will be 200x309 ft. 12 to 18 ft. deep, rectangular shape, involv. 30,000 cu. yds. excavation.

ARCADIA, Cal.—Carl Way, 5109 Monte Vista st., Los Angeles, at \$21,267 awarded cont. by city to const. reinf. conc. reservoir, 3,000,000 gal. capacity.

OAKDALE, Stanislaus Co., Cal.—Pacific Gas & Electric Co., 245 Market st., San Francisco, completing surveys for reservoir several miles above Melones reservoir of Oakdale and South San Joaquin Irrigation Dist.; will impound 90,000 ac. ft.

POMONA, Cal.—City will ask bids shortly to const. 5,000,000-gal. reinf. conc. reservoir. O. A. Gierlich and H. S. Gierlich, consulting engineers, Bank of Italy Bldg., Monrovia. Est. cost \$60,000.

OAKLAND, Cal.—Water Works Supply Co., Sharon Bldg., San Francisco, at 1650 sub. low bid to East Bay Municipal Utility Dist. to fur. f. o. b. Valley Springs Venturi meter for Pardee Tunnel outlet or Mokelumne River Project. Builders' Work only other bidders at \$2718. Taken under advisement.

PIPE LINES, WELLS, ETC.

TULARE, Tulare Co., Cal.—Until April 4, 4:30 p. m., bids will be rec. by W. J. Andrews, city manager, to drill, line, perforate and test well for Municipal Water Supply. Spec. obtainable from secty., Board of Public Utilities of city. See call for bids under official proposal section in this issue.

SEWAGE DISPOSAL PLANTS

STOCKTON, San Joaquin Co., Cal.—Globe Electric Works, 1899 Mission st., San Francisco, at \$4933 sub. low bid to county to fur. and install electrolier system, fronting courthouse. Taken under advisement.

ALAMEDA COUNTY, Cal.—Pacific Gas & Electric Co., 245 Market st., San Francisco, will extend gas mains from end of present gas system, south of Hayward, to serve Decoto, Niles, Centerville, Newark and Alvarado, includ. approx. 20 mi. of high pressure main costing \$113,254. High pressure system will be installed in the four towns. Distribution systems in the town will require 10,000 ft. 3-in., 27,500 ft. 2-in. main; est. cost, \$24,600, exclusive of meter installation.

SEAL BEACH, Cal.—City votes bonds of \$20,000 to finance sewer extensions and sewage pumping plant.

MISCELLANEOUS CONSTRUCTION

LODI, San Joaquin Co., Cal.—Bids will be asked at once by city council to fur. and del. 5-ton road roller and street scarifier. L. F. Barzellotti, city eng.

SAN MATEO, San Mateo Co., Cal.—City rejects bids to fur. power lawn mower. Present mower will be repaired. O. F. Weissgerber, city mgr.

MARTINEZ, Contra Costa Co., Cal.—Senator Arthur H. Breed of Piedmont, together with other East Bay capitalists, granted franchise by county supervisors to const. vehicular toll tunnel joining Contra Costa and Alameda counties. Will be 2410 ft. long, 19 ft. high, 26 ft. wide; est. cost \$1,250,000. Franchise is to run for 50 years after which the tunnel becomes public property.

SAN BERNARDINO, Cal.—Until April 9, 7:30 P. M., bids will be rec. by John H. Osborn, city clerk, to const. complete sewage treatment plant, inverted syphon and collection system. Currie Engineering Co. and C. E. Johnson, consulting engineers. Treatment plant will cost \$350,000, involv. 20,000 ft. drain tile, 30,000 cu. yds. grading, asph. conc. pave; control house of reinf. conc. construction involv. 15-in., 18-in. and 24-in. Venturi metre, 3 chlorinators, 3 automatic electrically operated gate valves, water well, pump, pressure tank, air compressor, gas engine and generator; 1-ton chlorine container, secondary settling tank, and small chlorine house. Syphon, etc. cost \$120,000, will involve approx. 6800 ft. 15-in., 18-in. and 24-in. Hume spwn conc. pipe with 3500 ft. drain tile in trench with pea gravel foundation. Collection system and intercepting sewer, est. cost, \$110,000, will involve 8-in. to 48-in. sewer, the 48-in. will be of Meier block or brick, other sizes to be vit. pipe. Plans on file in office of clerk and obtainable from engineers.

\$3,000,000 DAM CONTRACT AWARDED

Ambursen Construction Co. of San Francisco announces that General Rodriguez, governor of the northern district of Lower California, has signed a contract for \$15,000,000 for irrigation construction in the territory immediately south of San Diego and the California international boundary.

First construction would be a \$3,000,000 dam rising 225 feet from the bed of Tijuana river, 30 miles from San Diego and 11 miles south of the boundary.

Further development would follow on Tecate river, which joins the Tijuana three miles below the dam site.

Other items include extension of the Pacific Coast highway from the U. S. boundary 70 miles to the port of Ensenada and resumption of the San Quintin irrigation project, 200 miles to the south.

STABLE BALANCE BETWEEN SUPPLY AND DEMAND IN P. C. BUILDING

That a stable balance between supply and demand in the building industry is being more effectually protected on the Pacific Coast than is evident throughout the United States, generally, is a significant feature shown by an analysis of the national building trend during the last seven years, recently made by S. W. Straus & Co.

Enormous as has been the volume of new construction in Pacific Coast cities during the period of strenuous post-war building activity, the relative increase over the annual total for 1920 has not been so great in any year as that reflected by the national record.

Although war-time cessation from building was more pronounced in these western cities than in the east, and although resumption of normal activity came a year later in the west, the latter, as a whole, reached its highest trend in 1923 and began a recession, while the country, generally, continued the advance and reached a peak in 1925.

Such excess of housing and floor space in various cities throughout the country as has resulted from the unprecedented volume of new construction achieved

since 1920, is fast being discounted through reduction of new projects, and an analysis of comparative statistics indicates that in this process the Pacific Coast area is leading the country.

PLAN NATIONAL DISTRIBUTION OF SCHUMACHER WALL BOARD

National distribution of products of the Schumacher Wall Board Corporation will be the next step in the expansion program of the company, to follow the opening last week of a new factory at Slau-son and San Pedro Sts., Los Angeles, according to A. R. Moylan, vice-president and general manager.

Hitherto factory capacity of the company has been inadequate to supply the current demand for plaster board and associated products, but with the new plant in full operation production is expected to increase more than 75 per cent. Moylan estimates the monthly output at about 7,000,000 square feet of wall board and plaster lath, as compared with the present capacity of 4,000,000 square feet.

Executives of the company attach considerable importance to the fact that the new unit is a great improvement over all existing similar factories, especially from an efficiency standpoint. Large drying furnaces and an extensive roller conveyor system run the entire length of the structure, which is about 600 feet. The cost of the new unit is estimated at approximately \$500,000. Plans of the factory were drawn with the idea of making it one of the most modern plants of its kind, and operating expenses are expected to be reduced to a minimum. It is thought that the entire unit will be running full capacity by March 15.

Earl M. Galbraith, sales manager, reports present sales of the corporation's product are handled through 1650 dealers in every western state, including Texas and Louisiana. In addition, products are distributed to a number of foreign countries. With the increased production new eastern markets will be exploited. During 16 years of operation sales of the company have increased over each previous year and at no time in his history has the company experienced an unprofitable year.

To aid the financing of the expansion program 3000 shares of preferred and 6000 shares of common stock were issued last year, which brings the total issued capital to 33,000 shares of preferred and 66,000 shares of common stock. During the last year the northern division of the company, which operates a plant at Seattle consolidated with the Western Wall Board Company through the formation of Gypsum Products, Inc., capitalized at \$400,000.

The Bates Valve Bag Corp., 35 East Wacker drive, Chicago, has issued an interesting folder citing the advantages of the Bates Multi-Wall Paper bags for cement. This folder illustrates a drop tests by which each run of sacks is tested for strength when loaded with cement and dropped, and cites two jobs where cement so packed was exposed to rain and snow without loss of cement from moisture.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

Official Proposals

NOTICE TO CONTRACTORS

General Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock, P. M., Tuesday, April 17, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials, and labor required for the erection and completion of the General Work for a group of four buildings comprising the Hospital, School, Segregation and Custodial Buildings, Preston School of Industry, near Ione, California, in accordance with plans and specifications therefor. Bidders shall submit one bid for the entire group. Plans and specifications may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Sub-bids will not be considered.

The Hospital and Segregation Buildings are 2 story brick buildings with reinforced concrete foundations and floors, frame interior partitions and roof construction— asbestos shingle roof.

The School Building is a 2 story brick building, reinforced concrete foundations and frame interior partitions and roof construction— asbestos shingle roof.

The Custodial Building is a 2 story reinforced concrete building with brick veneer exterior, concrete interior partitions and frame roof construction— asbestos shingle roof.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Hospital, School, Segregation and Custodial Buildings, Preston School of Industry, near Ione, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,

State Architect.

B. B. MEEK,

Director of Public Works.

37

March 20, 1928 NOTICE TO CONTRACTORS

Mechanical Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock, P. M., Tuesday, April 17, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, material and labor required for the erection and completion of the Mechanical Work, for a group of four buildings comprising the Hospital, School, Segregation and Custodial Buildings, Preston School of Industry, near Ione, California, in accordance with plans and specifications therefor. Bidders shall submit one bid for the entire group. Plans and specifications may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

ment of Public Works, Forum Building, Sacramento, California.

Mechanical Work includes Electrical, Plumbing, Heating and Ventilating Work. Separate bids will be received for "Electrical Work" and for "Plumbing, Heating and Ventilating Work." Combined bids will also be received for "Electrical, Plumbing, Heating and Ventilating Work." Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Plumbing, Heating and Ventilating Work" or "Electrical Work," or both, as the case may be, "Hospital, School, Segregation and Custodial Buildings, Preston School of Industry."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,

State Architect.

B. B. MEEK,

Director of Public Works.

37

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on April 11, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Shasta County, across Boulder Creek about 4 miles north of La Moine (II-Sha-3-D), a reinforced concrete bridge consisting of one 81'-8" open spandrel arch span and two 30'-4" girder approach spans.

Shasta County, between Shotgun Creek and Conant (II-Sha-3-D), about five and eight-tenths (5.8) miles in length, to be graded and surfaced with crushed gravel or stone.

Shasta County, between Conant and The Northerly Boundary (II-Sha-3-D), about six and three-tenths (6.3) miles in length, to be graded and surfaced with crushed gravel or stone.

San Mateo, Santa Clara and Santa Cruz Counties, between La Honda Road and Saratoga Gap (IV-S.M.-S.Cl-S.-55-

D.E.A.), about thirteen and eight-tenths (13.8) miles in length to be graded and surfaced with crushed gravel or stone.

San Mateo County, between Broadway Station and Fifth Avenue (IV-S.M.-68-B.C.), about three (3.0) miles in length, to be graded and surfaced with crushed stone.

Los Angeles County, between Monrovia and Azusa (VII-LA-9-G), about three and five-tenths (3.5) miles in length, to be graded and paved with asphalt concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: March 14, 1928.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,

State Highway Engineer

37

NOTICE INVITING SEALED BIDS

(Truckee Public Utility District)

Pursuant to the resolution of the Board of Directors of Truckee Public Utility District, notice is hereby given that the said Board of Directors hereby invites sealed bids or proposals for the construction and installation complete of a system for supplying electric light, heat and power to the inhabitants of Truckee Public Utility District, in accordance with the plans and specifications heretofore adopted by Truckee Public Utility District, and now on file in the office of the clerk of the said district. All bidders and all persons proposing to file such bids may examine such plans and specifications at the office of the clerk of Truckee Public Utility District, at Truckee, California. Copies of said plans and specifications may be secured by application to the clerk of said district at his office at Truckee, California, upon payment of the sum of Five Dollars.

All bids must be enclosed in sealed envelopes addressed to the clerk of Truckee Public Utility District, and plainly endorsed, "Bid on Electric Distribution System."

Bids must be filed with the clerk of Truckee Public Utility District at or before the hour hereinafter stated. Each bid must contain the name and the full office address of the bidder, and if made by a corporation, shall be signed and sealed by the president and secretary of the corporation submitting the bid. Such bid must be accompanied by a certified check or certificate of deposit of not less than ten per cent of the total bid. Such check shall be payable at sight to C. Edmunds, clerk of the Truckee Public Utility District, and the

MASTER QUANTITY SURVEYOR

For Contractors

GENERALS AND BRANCHISTS

ARTHUR PRIDDLE, A. I. Q. S.

693 Mission St., at Third

San Francisco, Calif.

Telephone Douglas 8493

Valuation Engineer

Accredited Appraiser

GENERAL LISTING BUREAU

check of the person or corporation to whom the contract is awarded will be forfeited to the district should he or it fail to enter into such contract and file the required bond within five days after his bid shall have been accepted by the Board of Directors of said district.

Said contract shall be made with the lowest responsible bidder who shall give bonds with sufficient sureties to be approved by the said Board of Directors, for the faithful performance of his contract. Said bonds shall be in the sum of one-half of the amount bid for said construction work and one-half of the sum bid for furnishing materials to be used in said construction work.

Sealed bids will be received by the clerk of the Truckee Public Utility District at his office in the Town of Truckee, Nevada County, California, up to the hour of five o'clock P. M., on the 27th day of March, 1928, and said bids will be publicly opened and examined and declared by the Board of Directors of Truckee Public Utility District at 8 o'clock P. M., on the 27th day of March, 1928.

By Order of the Board of Directors.
C. EDMUNDS,
Clerk of Truckee Public Utility District.

NOTICE TO BIDDERS

(C. I. Pipe—Turlock, Calif.)

Notice is hereby given that sealed bids will be received by the undersigned on behalf of the city of Turlock up to the hour of 8 o'clock p. m., Tuesday, the 17th day of April, 1928, for furnishing the following:

1200 ft. of 4-in. bell and spigot cast iron pipe.

2000 feet of 6-in. bell and spigot cast iron pipe.

800 ft. of 8-in. bell and spigot cast iron pipe.

All of said pipe to be equal in strength to class B American Water Works Association Standard. The board reserves the right to reject any and all bids. Ten per cent of the amount of bid will be required by a certified check accompanying each bid. Said bids will be opened and examined at 8:15 p. m. on the 17th day of April, 1928. Shipment to be f. o. b. Turlock, Calif.

By order of the Board of Trustees of the city of Turlock, dated this 16th day of March, 1928.

A. P. FERGUSON,
City Clerk and Ex-officio Clerk of the Board of Trustees of the city of Turlock.

NOTICE TO CONTRACTORS

(Athletic Field — Sacramento Junior College)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Board of Education of the Sacramento City Junior College District for the completion of a Track and Football Field for Stadium, Sacramento Junior College, in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City Junior College District, 1200 21st Street, Sacramento, California, and also in the office of Dean & Dean, Architects, 1406 California State Life Building, Sacramento, California.

The work to be done will be in the Stadium now being erected on the east part of the property owned by the Sacramento City Junior College District, said property being bounded on the east by the Western Pacific, on the south by Sutterville Road, and on the west by Freeport Boulevard, all situated in the City of Sacramento, State of California.

On a deposit of \$10.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to Charles C. Hughes, Secretary of the Board of Education of the Sacramento City Junior College District, said check to be forfeited to and retained by the Junior College District, should the party or parties to whom the contract shall be awarded

fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Track and Football Field for Stadium, Sacramento Junior College."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City Junior College District, 1200 21st Street, Sacramento, California, not later than 5:00 o'clock P. M., Monday, April 2nd, 1928.

The Board of Education of the Sacramento City Junior College District reserves the right to reject any and all bids received.

BOARD OF EDUCATION, SACRAMENTO CITY JUNIOR COLLEGE DIST.
CHARLES C. HUGHES,
Secretary.

NOTICE CALLING FOR BIDS

(Dragline—Drainage District No. 100, Butte County)

Notice is hereby given that the Board of Directors of Drainage Dist. No. 100 of Butte County will, on Friday, April 6, 1928, at the hour of 7:30 p. m., in the office of the district in Richvale, Butte County, Calif., receive bids for one "one-half hard Speeder Drag Line," equipped with a thirty-foot boom with five-foot extension—full crawler.

All bids must be in writing and left with Mabel D. Harris, secretary, on or before the hour of the meeting. The board reserves the right to reject any and all bids.

BOARD OF DIRECTORS OF DRAINAGE DISTRICT NO. 100 OF BUTTE COUNTY.

By LOUIS ANDERSON,
President.

By MABEL D. HARRIS,
Secretary.

Dated March 14th, 1928.

NOTICE TO BIDDERS ON NEW BUILDING AT STOCKTON HIGH SCHOOL

Notice to bidders is hereby given that bids on the new classroom building in the northwest corner of the High School grounds, Harding way and San Joaquin street, Stockton, Calif., as per plans and specifications on file at the office of the High School Board, corner San Joaquin and Lindsay streets, Stockton, will be opened on Wednesday, March 28, 1928, at 7:30 p. m., at the office of the High School Board.

Obtain bid forms and plans and specifications from Peter Sala, architect, 2130 North Commerce street, Stockton, Calif.

Award will be made to the lowest responsible bidder. The High School Board reserves the right to reject any or all bids.

A certified check of 10 per cent of the total amount bid on the main propositions plus all additions to the same must accompany said bid. (The certified check must cover the highest possible total bid.) A bidder's bond will not be accepted.

Dated Stockton, Calif., March 14, 1928.
By order of the High School Board.

By ANSEL S. WILLIAMS,
Clerk.

NOTICE TO BIDDERS

(Fencing—Benicia Arsenal)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M. March 30, 1928, for fencing cemetery at Benicia Arsenal, Calif. Information on application.

NOTICE TO CONTRACTORS

BIDS WANTED.

Sealed proposals will be received at the office of the Park Commissioners, Park Lodge, Golden Gate Park, not later than 12 o'clock noon, Monday, April 2, 1928.

For the general construction of an addition to Kezar Memorial Stadium, Golden Gate Park, San Francisco.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of Masten & Hurd, architects, Shreve Building, San Francisco, and must be commenced within five (5) calendar days and completed within one hundred and fifty-five (155) calendar days after the date of the contract to be made and entered into therefor.

The amount of bond for faithful per-

formance of contract will be not less than fifty per cent (50%) of the aggregate of the proposal.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Board of Park Commissioners, for an amount not less than ten per cent (10%) of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of Masten & Hurd, architects, Shreve Building, San Francisco, and all proposals must be made upon such forms in sealed envelopes marked "Bid For Addition To Stadium."

The Board of Park Commissioners reserves the right to reject any or all bids.

By order of the Board of Park Commissioners.

B. P. LAMB,
Secretary.

NOTICE INVITING BIDS

(Asphalt Paving—Sonoma County)

Office of the clerk of the Board of Supervisors, Sonoma County, Calif., Mar. 14, 1928.

Sealed bids will be received by the clerk of the Board of Supervisors of Sonoma County, Calif., at his office until 12 o'clock M. April 10, 1928, and will be publicly opened and read at 1:30 o'clock p. m. for the construction of Asphaltic Concrete Paving on Stony Point road, Sec. A; Santa Rosa-Guerneville highway, Sec. A; Sant Rosa-Sebastopol highway, Sec. B, in Third Supervisorial District, in Sonoma County.

Specifications for this work are on file in the office of the clerk of the Board of Supervisors, and in the office of the County Surveyor, which bidders are hereby referred to.

Estimated Quantities

Stony Point Road Sec. A, 1870 tons asphalt concrete.

Santa Rosa-Guerneville highway Sec. A, 4330 tons asphalt concrete.

Santa Rosa-Sebastopol highway Sec. B, 2600 tons asphalt concrete.

Total estimated cost \$54,500.

W. S. COULTER,
Clerk of the Board of Supervisors.

NOTICE INVITING SEALED BIDS

(Well Drilling—Tulare)

Sealed proposals will be received at the office of the city clerk, at the City Hall, Tulare, California, until 4:30 o'clock p. m. on April 5th, 1928, at which time they will be publicly opened and read, for furnishing of tools, labor and materials required for the drilling, lining, perforating and testing of a well for Municipal Water Supply in accordance with the specifications on file in the office of the city clerk. Any one desiring a set of specifications for personal use in submitting bid, may obtain the same by application to the secretary of the Board of Public Utilities of the city of Tulare, and a deposit of \$5.

The Board of Public Utilities of the city of Tulare reserves the right to reject any or all bids or any part thereof.

By order of the Board of Public Utilities, city of Tulare.

W. J. ANDREWS, City Manager.

NOTICE TO BIDDERS

(Remodel Church—County of Madera)

Notice is hereby given that pursuant to an order of the Board of Supervisors made and entered on its minutes on the 12th day of March, 1928, sealed bids will be received by said Board at their Office in the Court House in the City of Madera, State of California, up to May 8th, 1928, at 10 o'clock A. M., for the remodeling of the old church building, according to plans and specifications approved and adopted by said Board on the 12th day of March, 1928, and on file in the office of the County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, to which bidders are hereby referred.

All bids to be accompanied by a certified check in the sum of 10% of the amount of each bid. All bids to be addressed to L. W. Cooper, County Clerk ex-officio Clerk of the Board of Supervisors of Madera County, California, and delivered to and filed with said Clerk prior to the 8th day of May, 1928, at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

L. W. COOPER,
County Clerk and Ex-officio Clerk of the
Board of Supervisors, Alameda County,
California
(SEAL)

NOTICE TO CONTRACTORS

(Lafayette Elementary School—Fresno, Calif.)

Pursuant to an order of the Board of Education of the City of Fresno School District, County of Fresno, California, duly made and entered in its minutes this 8th day of March, 1928, public notice is hereby given that the said Board will receive up to 5 o'clock P. M., on the 12th day of April, 1928, at the office of the said Board in the Hawthorne School Building, 212 1/2 Fresno Street, Fresno, California, sealed proposals for the construction of the Lafayette Elementary School, as per plans and specifications prepared by E. W. Peterson, architect, Mason Bldg., Fresno, Calif.

Bids will be received for general contract (A-1 to A-11) and the balance segregated as per building form No. 2.

Reference is hereby made to "General Information to Bidders" Building Form No. 6 for further particulars regarding all bids.

Plans and specifications, together with forms for submitting all bids, and further details regarding any and all bids may be obtained from the undersigned Secretary of the said Board at the office of the said Board above designated.

A bidder's surety bond or certified check equal to at least 10% of the amount of the bid submitted must accompany each proposal.

The Board reserves the right to reject any and all bids.

By order Board of Education, City of Fresno School District.

L. L. SMITH, Secretary.

NOTICE TO BIDDERS

(Fencing—Calistoga Grammar School District)

Monday, March 26, 1928, at 8 p. m., in a regular meeting of the Grammar School Building, the Calistoga Grammar School Trustees will accept bids for furnishing fence materials and erection of 1515 lineal feet of Elwood fence. Fence to be Specification 1, 2-inch mesh, 76 inches high, all steel construction, with 3 corner posts properly braced and set 36 inches in concrete. Line posts space at intervals of not less than 12 feet and set at least 30 inches in the ground.

Also 415 feet of Non-Climable Chain Link fence to be erected in a first class and workmanlike manner.

Kind of Material

Chain Link fencing, 60 inches high, 2-inch mesh, and No. 9 gauge wire. Wire shall be copper bearing steel and heavily galvanized after weaving. Top and bottom salvage to be twisted.

Top rail shall be galvanized tubular steel 1 1/2 inches O. D., weighing not less than 2.27 pounds per lineal foot and provided with necessary expansion rail couplings.

Posts to be standard full weight tubular steel, galvanized copper bearing. Line posts to be set not less than 30 inches in the ground, end, gate and corner posts to be 2 inches O. D., weight 5.75 pounds per lineal foot and properly braced, set in the ground 36 inches. All posts to be set in concrete.

Bidders shall itemize quantity of each item included and give full description of materials on which they are bidding. Bids shall be given on units of 1 lineal foot.

C. E. BENTLEY, President.
Attest: Nona Wadsworth, Clerk.

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Supervisors, Alameda County, Calif.

SEALED BIDS will be received by the clerk of the Board of Supervisors of Alameda County, California, at his office until Monday, the 9th day of April, 1928, at 10:30 o'clock A. M. The day when said bids will be opened and the contract awarded for the erection and completion of a one-story frame building to be known as Detention House, Del Valle, Elgin, California, near Los Gatos, Alameda County, Calif. Plans and specifications for said work are on file in the office of the County Clerk of Alameda County, in the Hall of

Records Building, in the City of Oakland, County of Alameda, State of California, where copies may be obtained by depositing with the County Clerk the sum of Fifty (\$50.00) Dollars.

Contractors will be restricted as to the length of time they may retain said plans and specifications to ten (10) days. Contractors failing to return said plans and specifications in good condition within said ten (10) day period will forfeit their deposit to the County of Alameda. The entire amount of the deposit will be returned to contractors returning said plans and specifications within said limit.

Each bid must be accompanied by a certified check of a bank of the State of California, or a national bank doing business in the State of California, for a sum equal to ten (10%) per cent of the total amount of bid, made payable to Geo. E. Gross, Clerk of the Board of Supervisors of Alameda County, to be forfeited to the County as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds required by law and the Board.

The Board of Supervisors reserves the right to reject any and all bids.

GEO. E. GROSS,
County Clerk and Ex-officio Clerk of the Board of Supervisors.

Dated: March 12, 1928.

NOTICE TO CONTRACTORS

(Tubercular Sanatorium—Fresno County)

Pursuant to an order of the Board of Supervisors of Fresno County, California, duly made and entered in its minutes on the 12th day of March, 1928, notice is hereby given that said Board will receive up to 2:00 o'clock P. M., of the 6th day of April, 1928, sealed proposals for the erection and completion of the Central Unit and Wards "A" and "B" for the Tubercular Sanatorium of Fresno County, located near Auberry, California.

Bids are called for as follows:

General construction.

Plumbing and Heating.

Electric Work.

The above bids to be made out on forms supplied by the Architect.

Said work shall be done according to plans and specifications heretofore adopted therefor, and on file in the office of the clerk of this Board.

Copies of plans and specifications and forms of bid may be obtained from Architect Charles E. Butner, Cory Bldg., Fresno, California.

A deposit of \$10.00 will be requested from all contractors taking a set of plans. This deposit will be returned to the Contractor upon the return of the plans in good condition and within the time stipulated.

A certified check or bidder's bond in the sum of 10% of the amount of the bid, made payable to the chairman of the Board of Supervisors, must accompany each proposal as a guaranty that the successful bidder will, within 10 days after the acceptance of his bid, enter into a contract with Fresno County to do such work as above mentioned, and furnish good and sufficient bonds according to law and rules of this Board, conditioned upon the faithful performance of such contract, and all the provisions thereof.

Bids not accompanied by certified check or bidder's bond will not be considered.

The Board of Supervisors reserves the right to reject any or all bids.
Dated March 12, 1928.

D. M. BARNWELL,

Clerk.
By FRED MAIN, Deputy

NOTICE TO CONTRACTORS

(School Building—Sacramento)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of a school building, in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, 1200 21st Street, Sacramento, California, and also in the office of Dean & Dean, Architects, 1406 California State

Life Building, Sacramento, California.

The said school building is to be erected on the property owned by the School District, in the block bounded by P and Q, 4th and 5th Streets, situated in the City of Sacramento, State of California.

On a deposit of \$10.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by same responsible bank or banker, and made payable to Charles C. Hughes, Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior, "Proposal for the erection of the Lincoln School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, 1200 21st Street, Sacramento, California, not later than 5:00 o'clock P. M., Monday, April 2nd, 1928.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids received. BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT.

CHARLES C. HUGHES,

Secretary.

RIVERSIDE, Cal.—Until 10 A. M., April 3, bids will be rec. to const. 6-in. c. i. water main in Washington St., bet. Dufferin Ave., etc., and 4-in. c. i. main with laterals in Dewey Ave. from Palm Ave. to South Brockton Ave., and in Merrill Ave., from Palm Ave. to South Brockton; 1911 Act. G. Albert Mills, city clerk.

SAN BERNARDINO, Cal.—Until April 2, 7:30 p. m., bids will be rec. by John H. Osborn, city clerk, to fur. and del. Mazda lamps for period of one year in amount of the value of \$1200, more or less. Further information obtainable from clerk.

SAN FRANCISCO—Fire Commission will request supervisors to provide \$256,548 in next budget to finance extension to high pressure fire system in the Potrero section and \$155,213 for a similar extension in the Marina and Presidio districts.

ARMONA, Kings Co., Cal.—Until April 3, 6 P. M., bids will be rec. by E. E. Vole, clerk, Armona Public Utility District, to const. water system, involv. 1180 ft. 8-in., 5970 ft. 6-in., 9450 ft. 4-in. and 1700 ft. 2-in. c. i. pipe; one 30,000-gal. tank and tower; one turbine pump and motor and well. Plans obtainable from John B. Benedict, engineer, R. A. Box 131, Hanford, Calif. Plans obtainable from eng. on deposit of \$5, returnable.

Fourteen suits, used by sub-contractors and dealers furnishing supplies to the Charles S. Mabrey Construction Co. of Sacramento, builder of the Chize Memorial Hall, will be settled next Monday in the Superior Court at Oroville. It is understood that the suits, asking for a total of approximately \$33,000, in addition to costs and attorney fees, will be met by payment on the part of the defendant. The cases were to have been heard last Monday but were postponed a week at the request of the defense attorney.

February wholesale prices of standard plumbing fixtures for a 6-room house, as compiled by the Department of Commerce from reports of twelve representative manufacturers and wholesalers, were \$98.40, as compared with \$98.59 in January and \$105.16 in February, 1927.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
147	Garcia	Owner	4000
148	Holmgren	Owner	16000
149	Same	Same	4000
150	Mohler	Owner	4000
151	MacGeorge	MacGeorge	5500
152	Scialabo	Owner	1800
153	Samuison	Owner	6000
154	Yugue	Owner	7000
155	Arnott	Owner	6000
156	Fisher	Owner	10000
157	Gustafson	Rooh	2500
158	Lang	Owner	9000
159	Lindsay	Owner	8000
160	Meyer	Owner	4000
161	Monson	Owner	101000
162	Meyer	Owner	4000
163	Meyer	Owner	4500
164	Meyer	Owner	4000
165	Stoneson	Owner	6000
166	Stoneson	Owner	6000
167	Stoneson	Owner	6000
168	St. Marys	Johnson	4000
169	St. Marys	Owner	4000
170	Stein	Owner	4600
171	Cassidy	Stevenson	4000
172	Collins	Owner	3500
173	Exnicias	Owner	25000
174	Gawellek	Holt	13000
175	Grandeman	Owner	40000
176	Offutt	Owner	10000
177	Williams	Wildy	1100
178	Case	Seeley	
179	Friend	Owner	1000
180	Gordon	Owner	4800
181	Kuimelis	Elvin	1000
182	National	Spivock	4900
183	Nordell	Owner	37000
184	Wilbe	Owner	7000
185	Barwald	Broderick	4000
186	Clark	Owner	3000
187	Detjen	Owner	1000
188	Hopkins	Wagner	100000
189	Hall	Woodside	1500
190	Hasselbrock	Klahn	2000
191	Johnson	Owner	16000
192	Medico	Wagner	30000
193	Marshall	Owner	4000
194	Meyer	Owner	4000
195	Marcus	Owner	10000
196	Minjoulet	Fennell	1194
197	Meyer	Owner	16000
198	Nastovic	Owner	5000
199	Olson	Owner	3500
200	Peterson	Owner	8000
201	Ryceski	Allen	3000
202	St. Mary's	Johnson	5000
203	Stahmer	Owner	2000
204	Voorhies	Owner	10000
205	Western	Presco	1000
206	Allen	Standard	4000
207	Brunton	Owner	2500
208	Beran	Owner	3000
209	Brunco	Delucchi	1000
210	Hallgran	Owner	5000
211	Jones	Owner	6800
212	Kardassakes	Tershuren	1500
213	Karp	Owner	10000
214	McCarthy	Owner	5000
215	Same	Same	4500
216	Mussio	Delucchi	1200
217	Pacific	Owner	1000
218	Pugh	Bendon	4000
219	Wiel	Daley	1500

DWELLING
(656) S Lake St 190'W 30th Ave; 2-story and basement frame.
Owner—M. Fisher, Financial Center Bldg.
Designer—E. Holman.
Contractor—M. Fisher & Son, Financial Center Bldg. \$10,000

DWELLING
(651) N LAGUNA HONDA BLVD. 36 W Hernandez. One-story and basement from dwelling.
Owner—W. C. MacGeorge, 519 California St., San Francisco.
Architect—N. A. Doctor, 800 Ulloa St., San Francisco.
Contractor—W. C. MacGeorge Co., 2115 Broderick St., S. F. \$5500

DWELLING
(617) E YORK 115 S Twenty-fifth St. One-story and basement frame dwlg.
Owner—M. J. Garcia, 940 Geneva Ave., San Francisco.
Architect—None. \$4000

DWELLING
(649) SE BRUNSWICK AND POPE. One-story and basement frame dwlg.
Owner—Victor Holmgren, 5509 Mission St., San Francisco.
Architect—None. \$4000

DWELLING
(650) SW TWENTY-FOURTH AVE & Vicente. One-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Ave., San Francisco.
Architect—None. \$4000

DWELLINGS
(648) S BRUNSWICK 24, 48, 72 and 96 E Pope. Four one-story and basement frame dwellings.
Owner—Victor Holmgren, 5509 Mission St., San Francisco.
Architect—None. \$4000 each

DWELLING
(652) W GATES 25 S Tompkins. One-story and basement frame dwelling.
Owner—A. Scialabo, 500 Gates St., San Francisco.
Architect—A. W. Richardson, 941 Church St., San Francisco. \$1800

DWELLING
(653) S UPLAND DRIVE 217 W Kenwood Way. One-story and basement frame dwelling.
Owner—A. M. Samuelson, 901 Geneva Ave., San Francisco.
Architect—None. \$6000

FLATS
(654) E TWENTY-FIFTH AVE 100 S Judah. Two-story and basement frame (2) flats.
Owner—Earl Yugue, 1474 14th Ave., San Francisco.
Architect—None. \$7000

DWELLING
(655) NE Cecilia & Santiago; 2-story basement frame.
Owner—James A. Arnott, 633 Taraval St.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval St. \$6000

DWELLING
(657) E 41st Ave 150' N Judah; 1-story and basement frame.
Owner—Oscar and Marie Gustafson, 1038 Ortega St.
Architect—Owner.
Contractor—G. H. Rooh, 1038 Ortega Street. \$2500

DWELLING.
(658) NW Pacheco & Alton; 2-story and basement frame.
Owner—Lang Realty Co., 2074 Chestnut Street.
Architect—H. G. Stoner, 2074 Chestnut Street.
Contractor—Day work. \$9000

DWELLINGE.
(659) W London 150' & 175' N Italy; Two 1-story and basement frame.
Owner—Lindsay Construction Co., 550 Joost Ave.
Architect—None.
Contractor—Day work. \$4000 each

DWELLING.
(660) E 21st Ave 100' N Wawona; 1-story and basement frame.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None.
Contractor—Day work. \$4000

ADDITION
(687) SE Francisco and Octavia street; add sun room to bldg.
Owner—H. L. Detjen, 1498 Francisco st.
Architect—None. \$1000

APARTMENTS.
(661) NE Bay & Polk; 6-story and basement; reinforced concrete (41) apartments.
Owner—Ragner Monson, 1473 7th Ave.
Architect—Albert H. Larsen, 447 Sutter Street.
Contractor—Day work. \$101,006

DWELLING.
(662) S Teresita 117' E Isola Way; 1-story and basement frame.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None.
Contractor—Day work. \$4000

DWELLING.
(663) E 21st Ave 75' N Wawona; 1-story and basement frame.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None.
Contractor—Day work. \$4500

DWELLING.
(664) W Teresita 258' S Arroyo; 1-story and basement frame.
Architect—None.
Owner—Meyer Bros., 727 Portola Drive.
Contractor—Day work. \$4000

DWELLING.
(665) N Hazelwood 296' E Casitas; 1-story and basement frame.
Owner—Stoneson Bros., 279 Buena Yerba.
Architect—Chas. F. Strothoff, 2274 15th Street.
Contractor—Day work. \$6000

DWELLING.
(666) N Hazelwood 333' E Casitas; 1-story and basement frame.
Owner—Stoneson Bros., 279 Yerba Buena.
Architect—Chas. F. Strothoff, 2274 15th Street.
Contractor—Day work. \$6000

DWELLING.
(667) N Hazelwood 370' E Casitas; 1-story and basement frame.
Owner—Stoneson Bros., 279 Yerba Buena.
Architect—Chas. F. Strothoff, 2274 15th Street.
Contractor—Day work. \$6000

DWELLINGS.
(668) E College 100' & 132' S Benton Ave.; (2) 1-story and basement frame.
Owner—St. Mary's Park, 3901 Mission Street.
Contractor—A. R. Johnson, 3901 Mission Street. \$4000 each

DWELLING.
(669) N Justin Drive, 328' E College 1-story and basement frame.
Owner—St. Mary's Park, 3901 Mission Street.
Architect—D. E. Jaekle, 3901 Mission Street.
Contractor—A. R. Johnson, 3901 Mission Street. \$4000

APARTMENTS.
(670) NW Page & Buchanan; 3-story and basement frame; (24) apts.
Owner—Stein & Kreig, 825 Monadnock Bldg.
Architect—J. C. Hladik, 825 Monadnock Bldg.
Contractor—Day work. \$46,000

DWELLING
(671) W TEXAS ST. 24.6 N Sierra; 1-story and basement frame dwelling.
Owner—R. F. Cassidy Co., 315 Connecticut st.
Architect—None.
Contractor—L. Stevenson, 130 Merced av. \$4000

ALTERATIONS
(677) 3038 CALIFORNIA St.; alter and remodel dwelling.
Owner—R. E. Williams, 2038 California street.
Designer—G. J. Wildy, 2729 Acton st., Berkeley.
Contractor—Wildy & Duncan, 1184 8th st., Oakland. \$1100

DWELLING

6624 W 14TH AVE. 150 S Norwood; 1-story and basement frame dwelling. Owner—J. L. Collins, 1464 14th St. Architect—None. \$1500

APARTMENTS

6671 NW CARRILLO and 38th ave.; 2-story and basement frame (12) apts. Owner—John Enghos, 135 Daffin Way. Architect—H. C. Baumann, 251 Kearny St. \$25,000

FLATS

6643 S TARAVAIL 95 W 19th St. 2-story and basement frame (2) flats. Owner—Hans Gwellek, 10 Linares St. Architect—None. Contractor—O. K. Holt, 3957 Army St. \$13,000

APARTMENTS

6675 N CHESTNUT 175 W Franklin; 3-story and basement frame (21) apts. Owner—Chas. D. Grandeman, 75 Johnson ave., Campbell, Cal. Architect—None. \$10,000

APARTMENTS

6676 E 11TH AVE 250 N Geary St.; 2-story and basement frame (1) apts. Owner—Taletha Offutt, care architect. Architect—Irvine & Elberts, Call Bldg. \$10,000

ALTERATIONS

6678 S SACRAMENTO 128-9 W Jones. Alter and remodel stairs and entrance to dwelling. Owner—Capt. Clay Case (Trustee J. B. Seeley), 2306 Clay St., San Francisco. Architect—None. Contractor—J. Burton Seeley, 2306 Clay St., San Francisco. \$—

ALTERATIONS

6679 N SACRAMENTO 120 E Cherry. Remodel flats into apartments. Owner—H. Friend, 430 Eddy St., San Francisco. Architect—None. \$1000

DWELLING

6680 NW GUTTENBURG AND HANOVER. One-story and basement frame dwelling. Owner—H. Gordon, 312 Hanover St., San Francisco. Architect—None. \$4800

ALTERATIONS

6681 SE NINETEENTH AVE. AND Lake. Alter and remodel store. Owner—Leon Kuimelis, % Architect. Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco. Contractor—A. Elvin, 666 Mission St., San Francisco. \$1000

CLEANING PLANT

6682 E ZOE 75 S Bryant. One-story reinforced concrete cleaning plant. Owner—National Cleaning & Dyeing Co., 335 Bryant St., San Francisco. Architect—None. Contractor—Spivock & Spivock, Hobart Bldg., San Francisco. \$4900

APARTMENTS

6683 N BROADWAY 137-6 E Hyde. Three-story and basement frame (18) apartments. Owner—J. M. Nordell, 825 Monadnock Bldg., San Francisco. Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$37,000

DWELLING

6684 E MONTEREY 240 W El Verano. Two-story and basement frame dwlg. Owner—A. J. Wilbe, 1344 Ocean Ave., San Francisco. Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$7000

APARTMENTS

6685 1829 GREEN St.; alter and remodel apts. Owner—D. Barwald, 1829 Green St. Architect—R. F. Hyde, Hanover and Neaton ave., Oakland. Contractor—D. J. Broderick, 1515 Geary St. \$1000

RESIDENCE

6686 51 STATES St. enlarge residence. Owner—T. J. Clark, 51 States St. Architect—None. \$2000

DWELLING

6700 N. ELK and Sussex. 1-story and basement frame dwelling. Owner—C. H. Stedder, 2891, Surrey St. Architect—None. \$2000

RESIDENCE

6688 NE WASHINGTON and Spruce; 3-story class A residence. Owner—Timothy Hopkins, Hunter Dulin Bldg. Architect—Arthur Brown Jr., 251 Kearny. Contractor—George Wagner, 181 South Park. \$100,000

ALTERATIONS

6689 230 JONES St.; alter offices. Owner—Hall Assn. of Musicians Union, 230 Jones St. Architect—William T. Saywell, 201 Leavenworth St. Contractor—J. D. Woodside 3460 Mission St. \$1500

ALTERATIONS

6690 E MISSION 220 N 25th St.; alter and remodel frame store bldg. Owner—W. J. H. Hasselbrock, 69 Sutter. Architect—None. Contractor—Arthur N. Klahn, 1285 8th ave. \$2000

DWELLINGS

6691 E KEYSTONE 620, 653.4, 696.6 and 699.2 N Ocean; four 1½-story and basement frame dwellings. Owner—N. E. Johnson, 736 Ashbury St. Architect—None. \$4000 each

ADDITION

6692 NE POST and Mason; 12-story class A addition to Medico Dental Bldg. Owner—Medico Dental Bldg., Corp., Medico Dental Bldg. Architect—G. Nelham and W. G. Merchant, associate, 315 Montgomery St. Contractor—Geo. Wagner, 181 South Park. \$200,000

DWELLING

6693 W 43RD AVE. 200 N Lawton; 1-story and basement frame dwelling. Owner—W. L. Marshall, 148 Herman St. Architect—None. \$4000

DWELLING

6694 S EVELYN Way 65 E Chaves ave; 1-story and basement frame dwelling. Owner—Meyer Bros., 727 Portola dr. Architect—None. \$4000

REMODEL

6695 265 O'FARRELL St.; alter and remodel store and storeroom. Owner—Marcus-Lesoiné Co., 130 Turk St. Architect—Edward B. Seeley, 255 California St. \$10,000

UNDERPIN

6696 122 TENTH St.; underpin store and dwelling bldg. Owner—Mrs. M. Minjoulet, 2329 Pine St. Architect—None. Contractor—Fennell Co., 666 Mission St. \$1194

DWELLINGS

6697 S ROCKDALE 66, 99, 132 and 165 La Bica way; four 1-story and basement frame dwellings. Owner—Meyer Bros., 727 Portola drive. Architect—None. \$4000 ea.

DWELLING

6698 SW VASQUEZ and Hernandez; 2-story and basement frame dwellings. Owner—A. Nastovic, 337 17th St., Oakland. Architect—None. \$5000

DWELLING

6699 W HEAD St. 175 N Garfield; 1-story and basement frame dwelling. Owner—Albert J. Olson, 35 Montecito. Architect—Chas. Strothoff, 2274 15th St. \$3500

DWELLINGS

6700 W MUNICH 175 and 200 N France; 2 1-story and basement frame dwellings. Owner—Emil Peterson, 2733 Mission St. Architect—None. \$4000 each

DWELLING

6701 S CAMPBELL 275 W Cowden; 1-story and basement frame dwelling. Owner—Adolph Rycoski. Architect—None. Contractor—Leslie Allen, 546 Munich St. \$3000

DWELLING

6702 E AGNON 115 S Crescent; 1-story and basement frame dwelling. Owner—St. Mary's Park, 3901 Mission St. Architect—D. E. Jackle, 3901 Mission St. Contractor—A. B. Johnson, 3901 Mission St. \$5000

RESIDENCE

(704) N JACKSON 266.6 E Arguello; 2-story and basement frame residence. Owner—W. R. Voorhies, 10 10th St. Architect—F. E. Barton, Crocker Bldg. \$10,000

GARAGE

(705) 1000 BRANNAN St.; 1-story frame private garage. Owner—Western States Grocery Co., 100 Brannan St. Architect—None. Contractor—Oscar Presco & Sons, 5 Sterling St. \$100

DWELLING

(706) E SEVENTEENTH AVE 275 N Ulloa. One-story and basement frame dwelling. Owner—E. Allen, 218 Castenada Ave., San Francisco. Architect—None. Contractor—Standard Bldg. Co., 218 Castenada Ave., San Francisco. \$4000

ADDITION

(707) SW NINETEENTH AND Valencia. Add additional equipment at service station. Owner—Julius Brunton & Sons, 1380 Bush St., San Francisco. Architect—None. \$2500

DWELLING

(708) NO. 2764 GREENWICH. One-story and basement frame dwelling. Owner—Frank E. Beran, Premises. Designer—John Trollman, 49 Liebig St., San Francisco. \$3000

ALTERATIONS

(709) NO. 539 CHARTER OAK. Alter and remodel dwelling. Owner—P. Brusco, 525 Charter Oak St., San Francisco. Architect—None. Contractor—D. Delucchi & Son, 625 Brunsels St., San Francisco. \$1000

DWELLING

(710) SW TWENTY-FIRST AVE AND Lawton. One-story frame dwelling. Owner—August Hallgran, 1275 17th Ave., San Francisco. Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$5000

DWELLING

(711) NE CLAREMONT & ALLSTON Way. One-story and basement frame dwelling. Owner—Robert Jones, 717 Mills Bldg., San Francisco. Architect—August Nordin, 717 Mills Bldg., San Francisco. \$6800

ALTERATIONS

(712) NO. 321 DOUGLASS. Alter and remodel dwelling. Owner—G. Kardassakis, Premises. Architect—L. Weisman. Contractor—G. F. Tershuren, 302 Douglass St., San Francisco. \$1500

March 21, 1928

DWELLING

(713) N VASQUEZ 181-9 E Garcia. Two-story and basement frame dwelling. Owner—Henry Karp, 421 Lincoln Way, San Francisco. Architect—Chas. F. Strothoff, 2275 15th St., San Francisco. \$10,000

DWELLING

(714) SE TWENTY-NINTH AVE AND Kirkham. One-story and basement frame dwelling. Owner—John E. McCarthy, 1483 Funston Ave., San Francisco. Architect—None. \$5000

DWELLING

(715) E TWENTY-NINTH AVE 25 S Kirkham. One-story and basement frame dwelling. Owner—John E. McCarthy, 1483 Funston Ave., San Francisco. Architect—None. \$4500

ALTERATIONS

(716) E CHARTER OAK 125 N Thornton. Alter and remodel dwelling. Owner—L. Mussio, Premises. Architect—None. Contractor—D. Delucchi & Son, 625 Brunsels St., San Francisco. \$1200

SHED

(717) SW NEWHALL AND WILLIAMS One-story frame tool shed. Owner—Pacific Can Co., 290 Division St., San Francisco. Architect—None. \$1000

WELLING
 (18) W TWENTY-FIRST AVE 200 S Santiago. One and one-half-story and basement frame dwelling.
 Owner—Mr. and Mrs. Robert L. Pugh.
 Architect—George O. Bendon, 2266 29th St., San Francisco.
 Contractor—George O. Bendon, 2266 29th St., San Francisco. \$4000

ALTERATIONS
 (19) NW OCEAN AVE AND SAN Leandro. Underpin and alter dwelling.
 Owner—Eli Wiel.
 Architect—None.
 Contractor—Daley Bros., Inc., 1104 Vancouver Ave., Burlingame \$1500

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
10.	Owner	Contractor	Amt.
13	Wildman	Field	7685
12	Bauer	Campbell	7650
14	Bingley	Henderson	24278
15	Gawellek	Holt	18350
16	Rycerski	Allen	3350

BUNGALOW
 (112) W 26TH AVE. 100 N Santiago N 25 x W 120; all work on 5-room bungalow.
 Owner—Gustave A. and Bertha H. Bauer.
 Architect—None.
 Contractor—Fred L. Campbell, 30 Grafton ave.

Filed March 19, 1928. Dated Mar. 13, 1928

Loan to be paid contractor.....	\$2000
When signing sales agreement.....	100
On signing contract	1030
Roof on	1130
Brown coated	1130
Completed	1130
Usual 35 days	1130

TOTAL COST \$7600
 Bond, forfeit, none; limit 100 days; no plans or spec. filed.

RESIDENCE
 (143) LOT 12 BLK. 2503A Pine Lake Park; all work on frame residence.
 Owner—E. H. Wildman.
 Architect—H. H. Winner Co., 580 Market st.

Contractor—Fred H. Field, 593 20th ave.
 Filed March 19, 1928. Dated Mar. 16, 1928

Frame up	25%
Brown coated	25%
Completed	25%
Usual 25 days	25%

TOTAL COST \$7685
 Bond, forfeit, none; limit 90 days; plans and spec. filed.

BUILDING
 (114) S HOWARD 75 W 4th W 50 x S 80, all work except electrical wiring, fixtures, elevator, finish hdw., on 2-story and basement reinf. concrete bldg.

Owner—L. B. Bingley, Call Bldg.
 Architect—Wm. H. Crim Jr., 425 Kearny st.

Contractor—W. D. Henderson.
 Filed Mar. 19, 1928. Dated Mar. 13, 1928

1st of each month	75%
Usual 35 days	25%

TOTAL COST \$24,278
 Bond, forfeit, none; limit 100 days; plans and spec. filed.
 Permit applied for

FLATS
 (115) S TARAVAL 95 W 19th ave. 25 x 100, all work on 2-story frame store and flats.

Owner—Hans Gawellek, 10 Linares st.
 Architect—None.

Contractor—O. K. Holt, 3957 Army st.
 Filed March 19, 1928. Dated Mar. 15, 1928

Rough frame up	\$4595
Brown coated	4595
Completed and accepted	4595
Usual 35 days	4595

TOTAL COST \$18,380
 Bond, forfeit, none; limit, 100 days; plans and spec. filed.
 Permit applied for

BUILDING
 (116) LOT 35 BLK 42 Reis Tr; all work on frame bldg.

Owner—Adolph Rycerski.
 Architect—None.

Contractor—Leslie Allen.
 Filed Mar. 19, 1928. Dated Mar. 19, 1928

Roof on	\$827.50
1st coat of plaster	837.50
Completed and accepted	837.50

Usual 35 days 837.50
 TOTAL COST \$3500
 Bond, forfeit, none; limit, 100 days; plans and spec. filed.

COMPLETION NOTICES

San Francisco County

Recorded **Accepted**

March 14, 1928—SE CALIFORNIA & Montgomery 68.9 on California 177.6 on Montgomery, Bank of Italy N. A. to whom it may concern. March 10, 1928

March 14, 1928—NE CERVANTES Blvd 350 SE Avilla SE 50 x NE 100 ptn Marina Gardens. Meyer Bros to whom it may concern. March 14, 1928

March 14, 1928—NW LONDON AND Italy 25 on Italy x 75 on London. Lindsay Const Co to whom it may concern. March 14, 1928

March 14, 1928—LOT 10 BLK 5837 & Lot 9 blk 5837 St Mary's Park, lot 12 blk 5838 and lot 11 blk 5838 St Marys Park. Roman Catholic Archbishop of S F to Andrew R Johnson March 8, 1928

March 14, 1928—NE 12TH ST 25 NW Bernice NW 25 NE 84.4 SE 25 SW 82.2. S E Buck to whom it may concern. March 15, 1928

March 14, 1928—NE COR 24TH AVE & Ulloa 32.6 x 100. M E La Dieu to whom it may concern. March 10, 1928

March 14, 1928—NE CONCORD 100 NW Brunswick 25 x 120. Victor Bjorkman to whom it may concern. Mar. 14, 1928

March 14, 1928—LOTS 9, 10, 11 & 12, blk 6802 may of Castle Manor (four completions) Castle Bldg Co fmly Gensler Lee Inv Corp. to Henry Horn March 7, 1928

March 15, 1928—LOT 41 & PTN LOT 42, lot 39 & ptn lot 42, and lot 40 and ptn lot 42 Map of ptn blk 3211. Walter E Hansen to whom it may concern. (3 completions) March 12, 1928

March 15, 1928—W 30TH AVE 45 N Geary N 55 x W 57.6. Gus Moeller & Sons to whom it may concern. March 12, 1928

March 15, 1928—LOT 12 BLK 36 S line on Montgomery Blvd. 125 E Detroit. Walter and Edith Carey to Sig J J Olafsson and A M Arnesen. March 15, 1928

March 15, 1928—W 47TH AVE 225 N Taraval N 25 x W 120. John Victor Westerlund to whom it may concern. March 15, 1928

March 15, 1928—W 21ST AVE 270 N Vicente N 30 x W 120. Mary A O'Brien to C Ingermann. March 15, 1928

March 15, 1928—LOT 13 BLK 6802 Map Castle Manor. Castle Bldg. Co. fmly Lee Inv Corp. to Henry Horn. March 13, 1928

March 15, 1928—N KIRKHAM 95 W 44th ave W 25 x N 100. John M Johnson to whom it may concern. Mar. 15, 1928

March 15, 1928—N FILBERT 100 E Van Ness ave E 85 x N 148. Lacey Investment Co to whom it may concern. March 10, 1928

March 15, 1928—W GUERRERO 152 N 15th N 28 x W 121.9. L Betti to J L Cuneo, Frank De Martini. Mar. 14, 1928

March 15, 1928—W MASON 68.9 AND 100.1 1/2 N Jackson N 31.4 1/2 x W 137.6 Edna B Stempel to R J Stempel. March 15, 1928

March 15, 1928—W THOMAS AVE 100 S Lane. Henry Erickson to whom it may concern. Mar. 15, 1928

March 16, 1928—BANANA Warehouse Southern Pac Co to Weber Show Case & Fixture Co. March 15, 1928

March 16, 1928—E ALLISON 125 N Brunswick E Allison 150 N Brunswick. Jacob and Helena Mager to whom it may concern. March 14, 1928

March 16, 1928—LOT 9 BLK 3279 Mt Davidson Manor. A J Herzog to whom it may concern. March 16, 1928

March 16, 1928—LOT 8 BLK 3279 Mt Davidson Manor. A J Herzog to whom it may concern. March 16, 1928

March 16, 1928—60 ON WEST CLAY Park. Horace B S Perry to Moore & Madsen. March 8, 1928

March 16, 1928—W 39TH AVE 350 S Judah S 75 x W 120. Henry Doelger to whom it may concern. Mar. 14, 1928

March 16, 1928—W 28TH AVE 100 N Lawton N 50 x W 120. John E and Ethel M. McCarthy to whom it may concern. March 15, 1928

March 17, 1928—W TWENTY-SECOND Ave 125 S Lawton S 25xW 120. Olaf Johnson to whom it may concern. March 15, 1928

March 17, 1928—LOT 23 BLK 3047 Map Blks 3044 and 3045 and Ptn Blks 3039, 3042 and 3047 Montgomery Heights. Martin Wilms to whom it may concern. March 16, 1928

March 17, 1928—LOTS 9, 10, 11 AND 12 Blk 6802, Map Castle Manor. Castle Bldg Co fmly Gensler Lee Investment Corp to whom it may concern. March 7, 1928

March 17, 1928—LOTS 10 AND 11 BLK 15, Map Forest Hill. Charles H Manning to whom it may concern. March 14, 1928

March 17, 1928—S CLAY 179-2 W Taylor W 25x88. Salvatore and Mary Silvestri to whom it may concern. March 15, 1928

March 17, 1928—S JEFFERSON 137-6 E Broderick E 137-6xS 137-6. Theodore H Frederickson; M J Schwartz Co, Inc.; Carjolee Wall Paper Co, Inc.; R E Field; Aetna Elec Co to W L Coleman and John Harder. March 6, 1928

March 16, 1928—W 30TH AVE 200 S Judah 25 x 120. Elias Vigen to whom it may concern. March 16, 1928

March 17, 1928—S TWENTY-THIRD 100 E Church E 25x81-6. Karl EH and Anna Haglund to whom it may concern. March 17, 1928

March 20, 1928—E MISSION 95 N 20th N 165 x E 245 to pt on W Capp. George L. Sarah C, Grace M and Samuel M Crim to J W Bender Roofing & Paving Co. March 19, 1928

March 20, 1928—W LAGUNA Honda Blvd. about 60 N Hernandez ave. Arthur D Dorr to whom it may concern. March 20, 1928

March 20, 1928—E VAN NESS AVE 275 S Market. Hale Bros Realty Co to MacDonald & Kahn Inc. Mar. 20, 1928

March 20, 1928—W 29TH AVE 225.6 N Ulloa N 24.6 x 120 N 2459 29th ave. J A Pereira to whom it may concern. March 15, 1928

March 20, 1928—S BAY 218.9 W Broderick W 25 x S 137.6 Earl Meade to whom it may concern. March 19, 1928

March 20, 1928—N RIVERA 82.6 W 47th ave W alg Rivera 25 x N 100 ptn O L blk 1073. A Stone to Trygve Kolsberg. March 20, 1928

March 19, 1928—COMG INTERSECTION NE Laguna Honda Blvd with NW line Lot 14 Blk 2890 rung NE alg NW line said Lot 14, 88,301 to NE line said Lot, SE alg NE line 32 SW parl with NW line said Lot to NE line Laguna Honda Blvd NW alg NE line said Laguna Honda Blvd 32 m or l to pt of beg being Ptn Lot 14 Blk 2890 Laguna Honda Park. Joseph Unger to whom it may concern. March 10, 1928

March 19, 1928—LOT 25 BLK 2 Forest Hill. George E and Genevieve Steninger to Louis Goldstein and Marion Barker. March 19, 1928

March 19, 1928—WAREHOUSE On 3rd st. Southern Pac Co to J Piasecki. March 19, 1928

March 19, 1928—PTN LOT 14 BLK 2890 Laguna Honda Park. Joseph Unger to whom it may concern. March 10, 1928

March 19, 1928—LOT 6 BLK 24 ST Francis Wood Extn No. 2. Octavia A Dowd to F Kirschner. March 17, 1928

March 19, 1928—LOT 3 BLK 2971 MAP Sub of Miraloma Park. Meyer Bros to whom it may concern. March 17, 1928

March 19, 1928—LOT 24 & SW LOT 25 blk 16 map Forest Hill. M M Cook to Stoneson Bros & Thorinson. March 8, 1928

LIENS FILED

San Francisco County

March 14, 1928—W SAN JOSE AVE 38.8 1/4 N Day W parl with W Day 70.1 1/4 NW 27 E 81.6 1/2 to W San Jose ave S alg W San Jose ave 29 to beg ptn H A 39. J W Gillogley vs Donald McGonigle.

March 14, 1928—PTN LOTS 33, 34 and 35 blk 2891 map Laguna Honda Park James Fraser vs R E and Eva M Giller, Fred Lahi. \$25.50

March 14, 1928—N FARALLONES 390 E Orizaba E 25 x N 100. R E Haas vs F C Wolpert. \$389.85

March 14, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6. George Balliet vs Frances A Dunne.

March 14, 1928—NW SCOTT & JEFFERSON dist 106.3 x W 100 N 159.4 E 100 S 159.4 San Francisco Telephone Assn vs R E Romano \$50

March 14, 1928—LOTS 5, 6, 7, 8, 9 BLK 5658 desc'd comg intersection NW Cortland Ave with W Prentiss said Cortland Ave forming junction with Prentiss at an angle of about 135° N alg Prentiss 90 W 70 S 153 to NW Cortland Ave th at an angle about 45° NE alg NW Cortland Ave 95 to junction of said Cortland and Prentiss and pt ber. Acme Gravel Co vs Joe Lunardelli and W H G Down \$975.80

March 19, 1928—N Vermont 75 S 18th S 25 x W 100 ptn P N blk 105. Erik Strom and Knut Smith at Strom & Smith vs P C Wolpert \$87.56

March 19, 1928—N JEFFERSON 106.3 N Scott W 100 x N 159.4. M Mc Whirter vs R E Romano \$59.50

March 19, 1928—N JEFFERSON 106.3 W Scott W 100 x N 159.4. P N Wood Inc vs R E Romano \$735.22

March 19, 1928—N PARALLONES 390 E Orizaba and E 25 x N 125 ptn lot 8 blk L map Lands of Railroad Hd Assn. Strom & Smith vs F C Wolpert \$55

March 19, 1928—N JEFFERSON 106.3 W Scott W 100 x N 159.4 vs R E Romano \$188.80

March 19, 1928—E PRENTISS 125 S Cortland ave S 25 x E 100. Joe Lunardelli as Santa Rosa Concrete Co vs W H G Down \$204.10

March 19, 1928—W 4RD 235 S Balboa S 35 x W 120. Homer H Sosso vs R Leon Lawrence \$35

March 19, 1928—W 11TH AVE 250 S California S 25 x W 120. C U Martin vs Le ter L Frank, R Leon Lawrence \$179.29

March 19, 1928—S VALLEJO 137.6 N Gongh W 60 x S 137.6. C U Martin vs California Real Estate & Finance Corp. O A Brown \$206

Correction in name

March 17, 1928—W FORTY-THIRD AV 270 S Balboa W 120 N 35 E 120 S 35 C J Hillard Co, Inc, \$185; Frank M Phillips Co, \$250; A A Hangerud Co, \$150.50. Ed Severinsen, \$869.50 vs Leon Lawrence \$1517.45

March 15, 1928—N JEFFERSON 106.3 W Scott W 100 x N 159.4. Henry Harder vs R E Romano \$2395.15

March 19, 1928—W SCOTT 82.6 S Filbert S 27.6 x W 137.6. George Balliet vs Frances A Dunne \$510

March 19, 1928—E PRENTISS 100 S Cortland Ave S 25xE 100. Joe Lunardelli (as Santa Rosa Concrete Co) vs W H G Down \$204.10

March 19, 1928—S COURTLAND 25 E Prentiss E 25x8 100. Joe Lunardelli (as Santa Rosa Concrete Co) vs W H G Down \$192.05

March 19, 1928—SE PRENTISS AND Cortland Ave S 100xE 25. Joe Lunardelli (as Santa Rosa Concrete Co) vs W H G Down \$204.80

March 19, 1928—SE PRENTISS AND Cortland Ave S 175 E 100 N 75 W 50 N 100 W 50. Joe Lunardelli (as Santa Rosa Concrete Co) vs W H G Down \$241.15

March 20, 1928—W 43RD AVE 270 S Balboa W 120 x N 35. D C Willhite vs R Leon Lawrence. \$249

March 20, 1928—W SACRAMENTO 138 W Webster W 30 x S 100. Wm F Paxton vs Ada Mills, Meyer Goldberg. \$75.25

March 20, 1928—SW WALLER & ALPINE Terrace W 59.034 x S 75. W H Picard Inc vs Georgia C and J E Raymond. \$201.71

March 20, 1928—E ALPINE TERRACE 100.712 S Waller S 25 x E 100.5. Reinhardt Lumber & Planing Mill Co vs Unit Constr Co, Walter G and Johanna Muspratt \$3310.73

March 20, 1928—E EDINBURGH and Russia ave SE 100 x NE 50. F Denuechi vs Alex G and Olive Mattson, Thomas M Foley \$132.80

March 19, 1928—E PRENTISS 150 S Cortland Ave S 25xE 100. Joe Lunardelli (as Santa Rosa Concrete Co) vs W H G Down \$204.10

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
601	Bugelov	Bugelov	600.
602	Barrow	Wolfe	18.
603	Butell	Owner	1100
604	Nelson	Person	7000
605	Oakland	Muller	6000
606	Standard	Owner	10000
607	Stenbro	Owner	3200
608	Walsh	Rosenburry	2000
609	Whalen	Owner	3700
610	Bordelini	Reeves	2000
611	Brown	Brown	18000
612	Foster	Cretz	2200
613	Jacobson	Owner	3000
614	Tullock	Owner	3000
615	Stiendel	Owner	5000
616	Brown	Pedgrift	19000
617	California	Owner	14000
618	Danskkanen	Owner	85000
619	Starkweather	Bane	1800
620	Atwood	Powell	4500
621	Grodum	Owner	3800
622	Hougard	Kats	2100
623	Same	Same	2100
624	Watkins	Owner	20000
625	Zarries	Owner	2800
626	Becker	Wilson	2300
627	Goldstein	Sommarrstrom	47500
628	Kaelin	Jacobs	9600
629	Sigma	DeVeliss	56,000
629	Rose	Owner	10000
631	Andrews	Owner	4250
632	Archer	Owner	1000
633	Rogers	Owner	3950
634	Schneider	Pearson	7000
635	Laugssna	Stockholm	1000
636	Casey	Better	5050
637	Joyce	Squires	3200
638	Kirch	Tolfsen	1800
639	Pavert	Burks	1000
640	Warren	Owner	2500
641	Bramlage	Bramlage	27500
642	Blair	Blair	2000
643	Palumbo	Nissen	2000
644	Hinch	Owner	3700
645	Marchant	Marchant	4000
646	Osborne	Christensen	2000
647	Coit	Owner	20000
648	Vifa	Owner	2000
649	Parsons	Imp	2600

ALTERATIONS

(603) NE ALCATRAZ & Telegraph ave., Oakland; alterations.
Owner—A. D. Butell, premises.
Architect—None. \$1100

RESIDENCE

(601) 899 ARLINGTON Ave., Berkeley; 2-story 7-room residence.
Owner—J. E. Bigelow, 150 Almore rd., Berkeley.
Architect—None.
Contractor—J. E. Bigelow & Sons, \$6000

SHOP

(602) 1933 ADDISON ST., Berkeley; tire shop.
Owner—P. J. Barrow.
Architect—None.
Contractor—R. Wolfe, 2217 Sacramento st., Berkeley. \$1800

DWELLING

(604) 31 HOME Place, Oakland; 2-story 7-room dwelling.
Owner—Mathilda Johanna Nelson, 263 Lester ave., Oakland.
Architect—None.
Contractors—Gust E. Person, 1369 E-36th st., Oakland. \$7000

ALTERATIONS

(605) SW 15TH & Franklin sts., Oakland; alterations.
Owner—Oakland Title Ins. & Guaranty Co., premises.
Architect—M. I. Diggs, Latham Square Bldg., Oakland.
Contractor—P. A. Muller, 895 Syndicate Bldg., Oakland. \$6700

ADDITION

(606) 2743 SAN PABLO Ave., Oakland; brick addition.
Owner—Standard Creamery, 2745 San Pablo ave., Oakland.
Architect—None. \$10,000

DWELLING

(607) 3515 69th ave., Oakland; 1-story 5-room dwelling and garage.
Owner—Andrew Stenbro, 4340 LaCresta ave., Oakland.
Architect—None. \$3200

ADDITION

(608) 5764 SHAFTER Ave., Oakland; addition.
Owner—Hattie Walsh, 5803 Shafter ave., Oakland.
Architect—None.
Contractor—C. C. Rosenburry, \$2000
609 2200 DEAKIN ST., Berkeley; 1-story 5-room residence and garage.
Owner—J. F. Whalen, 324 Warrick st., Oakland.
Architect—None. \$3700

DWELLING

(610) E MAGEE Ave., 120 S Harbor View ave., Oakland; 1-story 4-room dwelling.
Owner—E. Bardelini, 1465 Fruitvale ave., Oakland.
Architect—None.
Contractor—R. E. Reeves, 1465 Fruitvale ave., Oakland. \$2000

APARTMENTS

(611) 2321 LE CONTE Ave., Berkeley; 2-story 33-room frame and stucco apt. house, 10 apts.
Owner—Rosa L. Brown, 4332 19th st., Oakland.
Architect—Ned Rucker, Sequoia rd., Oakland.
Contractor—Rob. O. Brown, 9953 Mountain blvd., Oakland. \$18,000

DWELLING

(612) 1180 63RD ST., Oakland; 1-story 4-room dwelling and garage.
Owner—J. T. Foster, 1250 63rd st., Oakland.
Architect—None.
Contractor—John Cretz, 1614 Pine st., Berkeley. \$2200

DWELLING

(613) 2538 98TH AVE., Oakland; 1-story 5-room dwelling.
Owner—Eric Jacobson, 2307 Havenscourt blvd., Oakland.
Architect—None. \$3000

DWELLING

(614) E 86TH AVE. 220 N E-14th st., Oakland; 1-story 5-room dwelling and garage.
Owner—H. Tullock, 7813 E-14th st., Oakland.
Architect—None. \$3000

RESIDENCE

(615) 573 SPRUCE ST., Berkeley; 1-story 6-room residence.
Owner—Sane Stiendel, 38 Northampton rd., Berkeley.
Architect—None. \$5000

IED
 (16) 47TH AVE. and E-12th st., Oak-
 land; 1-story shed.
 Owner—G. H. Brown Hardwood Co., 47th
 ave. and E-12th st.
 Architect—None.
 Contractor—J. H. Pedgrift, 4106 Broad-
 way. \$1900

ACTORY
 (17) W COTTON ST. 50 S Livingston st.,
 Oakland; 1-story factory.
 Owner—California Cotton Mills, Railroad
 and Kennedy sts, Oakland.
 Architect—None. \$14,000

PARTMENTS
 (18) N EXCELSIOR AVE. 110 E Lake-
 shore ave., Oakland; 3-story 66-room
 apartments.
 Owner—H. Danskanen, 733 Hillgirt cir-
 cle, Oakland.
 Architect—C. N. Burrell, American Bank
 Bldg., Oakland. \$85,000

WELLING
 (19) 5496 TAFT AVE., Oakland; 1½-story
 4-room dwelling.
 Owner—R. P. Starkweather, 5496 Taft
 ave.
 Architect—None.
 Contractor—John L. Bane, 5540 Taft ave.,
 Oakland. \$1800

WELLING
 (20) NO. 1830 FREMONT DRIVE, Ala-
 meda. One-story 6-room cement
 plaster finish dwelling.
 Owner—William C. Atwood, 1144 Post
 St., Alameda.
 Architect—Harry Manuel, 2111 Clement
 Ave., Alameda.
 Contractor—R. M. Powell, 1032 Regent
 St., Alameda. \$4500

WELLING
 (21) NO. 1001 CENTRAL AVE., Ala-
 meda. One-story 6-room stucco finish
 dwelling.
 Owner—J. J. Grodem, 1028 San Antonio
 Ave., Alameda.
 Architect—None. \$3800

WELLING
 (22) NO. 456 TAYLOR AVE., Alameda.
 One-story four-room stucco finish
 dwelling.
 Owner—A. V. Hougard, 717½ Taylor
 Ave., Alameda.
 Architect—None.
 Contractor—Wm. Kats, Oakland. \$2100

WELLING
 (23) NO. 460 TAYLOR AVE., Alameda.
 One-story 4-room stucco finish
 dwelling.
 Owner—A. V. Hougard, 717½ Haight
 Ave., Alameda.
 Architect—None.
 Contractor—Wm. Kats, Oakland. \$2100

APARTMENTS
 (24) NO. 1760 WALNUT ST., Berkeley.
 Three-story 42-room 18-family apart-
 ment building.
 Owner—W. R. Watkins, 100 Echo Ave.,
 Oakland.
 Architect—None. \$20,000

RESIDENCE
 (25) NO. 1536 BANCROFT WAY, Ber-
 keley. One-story 5-room 1-family
 residence.
 Owner—Peter Zarries, 643 10th St., Oak-
 land.
 Architect—None. \$2800

ADDITION
 (26) 1029 E-18TH ST., Oakland; addi-
 tion.
 Owner—Mrs. Marvin Becker, 1029 E-18th
 st., Oakland.
 Architect—None.
 Contractor—L. R. Wilson, 1114 Everett
 ave., Oakland. \$2300

APARTMENTS
 (27) N E-15TH ST. 94 W 3rd ave., Oak-
 land; 3-story 48-room apts.
 Owner—J. Goldstein, 1409 Webster st.,
 Oakland.
 Architect—C. N. Burrell, 1st National
 Bank Bldg., Oakland.
 Contractor—Sommarstrom Bros., 1409
 Webster st., Oakland. \$47,500

WAREHOUSE
 (28) SE 4TH & Clay sts., Oakland; 1-
 story br. warehouse and office.
 Owner—J. R. Kaelin, 1933 5th ave., Oak-
 land.
 Architect—None.
 Contractor—Jacobs & Pattiani, 1737 Web-
 ster st., Oakland. \$9600

DWELLING
 (29) W PORTAL AVE. 350 N Mandana
 blvd., Oakland; 2-story 8-room dwell-
 ing.
 Owner—M. A. Rose, 2442 Acton st., Ber-
 keley.
 Architect—Ray Keefer, 1624 Franklin st.,
 Oakland. \$10,00

FRATERNITY HOUSE
 (30) 2395 PIEDMONT AVE., Berkeley;
 3-story 37-room frame and brick fra-
 ternity house.
 Owner—Sigma Phi Fraternity of Berke-
 ley, Inc., 411 15th st., Oakland.
 Architect—Frederick H. Reimers, Frank-
 lin Bldg., Oakland.
 Contractor—C. Dudley De Vebiss, 2337
 Forest aves., Berkeley. \$50,000

RESIDENCE
 (31) NO. 1228 BURNETT ST., Ber-
 keley. One-story 5-room 1-family
 residence and garage.
 Owner—F. A. Andrews, 6801 Chabot Rd.,
 Oakland.
 Architect—None. \$4250

ALTERATIONS
 (32) NO. 1173 COLUSA AVE., Ber-
 keley. Alterations.
 Owner—W. H. Archer, Berkeley.
 Architect—None. \$1000

RESIDENCE
 (33) NO. 1728 BUENA AVE., Berkeley
 One-story 5-room 1-family residence
 Owner—Rogers & Rogers, 1414 Mort-
 mer Road, Oakland.
 Architect—None. \$3950

RESIDENCE
 (34) NO. 1148-1150 HIGH COURT, Ber-
 keley. Two-story 8-room 2-family
 residence.
 Owner—Mary E. Schneider, 1515 Spruce
 St., Berkeley.
 Architect—C. C. Dakin, 2033 Harrison
 St., Oakland.
 Contractor—Ben Pearson, 1080 Channing
 way, Berkeley. \$7000

FERGOLA
 (35) 1026 HUBERT Rd., Oakland; per-
 gola.
 Owner—C. N. Baugsma, premises.
 Architect—None.
 Contractor—C. S. Stockholm, 1107 Hearst
 Bldg., S. F. \$1000

DWELLING
 (36) N LOGAN ST. 300 E 26th ave., Oak-
 land; 1-story 5-room dwelling and
 garage.
 Owner—Elizabeth K. Casey, 1555 34th
 ave., Oakland.
 Architect—None.
 Contractor—Better Homes Corp., 4326 E-
 14th st., Oakland. \$5050

DWELLING
 (37) E 105TH AVE. 191 W Breed ave.,
 Oakland; 1-story 5-room dwelling &
 garage.
 Owner—Stephen Joyce.
 Architect—None.
 Contractor—C. R. Squires, 1451 Seminary
 ave., Oakland. \$3200

ALTERATIONS
 (38) 3618 KINGSLEY ST., Oakland; al-
 terations.
 Owner—J. Kirch, 3622 Kingsley st., Oak-
 land.
 Architect—None.
 Contractor—C. Tollifsen, 2006 57th ave.,
 Oakland. \$1800

ADDITION
 (39) 3860 14TH AVE., Oakland; addition.
 Owner—C. Pavert.
 Architect—None.
 Contractor—C. S. Burks, 4129 Randolph
 ave., Oakland. \$1000

LAUNDRY
 (40) NO. 801 DELAWARE, Berkeley.
 One-story 1-room Class C laundry.
 Owner—P. Bubino, 805 Delaware St.,
 Berkeley.
 Architect—G. N. Vore, 2057 89th Ave.,
 Oakland.
 Contractor—J. R. and W. Nissen, 2506
 83rd Ave., Oakland. \$2000

APARTMENTS
 (41) 1635 SCENIC AVE., Berkeley; 3-
 story frame and stucco 30-room apt.
 house.
 Owner—Mabel M. Bramlage, 867 Ar-
 lington, Berkeley.
 Architect—E. L. Snyder, 2108 Addison st.,
 Berkeley.
 Contractor—E. D. Bramlage, 867 Arling-
 ton, Berkeley. \$27,500

BUNGALOW
 (42) N FORTY-FIFTH ST. N. 1054½
 Emeryville. Four-room bungalow.
 Owner—D. F. Blair, Emeryville.
 Architect—None.
 Contractor—H. Blair, 3817 San Pablo
 Ave., Oakland. \$2000

DWELLING
 (43) 3215 CURRAN AVE., Oakland; 1-
 story 5-room dwelling.
 Owner—W. H. Warren, 3502 Foothill blvd.
 Oakland.
 Architect—None. \$2500

RESIDENCE
 (44) NO. 1837 DWIGHT WAY, Ber-
 keley. One-story 5-room 1-family
 residence and garage.
 Owner—Jos. T. Hinch, 461 Lee St., Oak-
 land.
 Architect—E. M. Williamson, 3761 Allen-
 dale Ave., Oakland. \$3700

ADDITION
 (45) W LANDREGAN ST. 400 E Powell
 Emeryville. Reinforced concrete ad-
 dition to factory.
 Owner—Marchant Col. Machine Co., Prem
 Architect—None.
 Contractor—Gordon Marchant, 7974 Foot-
 hill Blvd., Oakland. \$4000

ALTERATIONS
 (46) E PIEDMONT AVE. 200 N Broad-
 way; alterations.
 Owner—Mrs. N. A. Osborne.
 Architect—None.
 Contractor—H. J. Christensen, 519 Ray
 Bldg., Oakland. \$2000

STORES
 (47) NW 15TH & Harrison sts., Oak-
 land; 2-story brick stores.
 Owner—Coit Investment Co., 1435 Harri-
 son st., Oakland.
 Architect—L. H. Ford, 1435 Harrison st.
 \$20,000

GARAGE
 (48) N 41ST ST. 60 W Grove st., Oak-
 land; 1-story concrete garage.
 Owner—Laurence Vila, 4101 Grove st.,
 Oakland.
 Architect—None. \$200

SIGN
 (49) 2600 HOPKINS ST., Oakland; elec-
 tric sign.
 Owner—N. D. Parsons.
 Architect—None.
 Contractor—Imp Electric Sign Co., 2228
 Myrtle st., Oakland. \$2600

BUILDING CONTRACTS

Alameda County

83 Kaelin	Jacobs	9600
84 Langley	Tilden	8246
85 Pacific	Evans	2240
86 Realty	Thrams	7415
87 Langley	Evans	3145
88 Same	Fuller	1300
89 Southern Pacific	Dorward	10365
90 Hershey	Stolte	13628
91 Diestel	Larsen	43551
92 Southern	Hutchinson	
93 Reese	Wallstrum	5246
No. Owner	Contractor	Amt.
117 Pugh	Bendon	7742
118 Orack	Ratto	12250

BLDG.
 (83) SE FOURTH & Clay, Oakland; all
 work on 1-story brick bldg.
 Owner—J. R. Kaelin, 1933 5th ave., Oak-
 land.
 Architect—A. W. Smith, Am. Bank Bldg.,
 Oakland.
 Contractor—Jacobs & Pattiani, 1737 Web-
 ster st., Oakland.
 Filed March 15, 1928. Dated Mar. 14, 1928
 Foundation in \$1000
 Roof sheathing on 1500
 Roof and brickwork done 2400
 Completed 2300
 Usual 35 days 2400
TOTAL COST \$9600
 Bond \$5000; sureties, A. P. Jacobs, Ar-
 thur P. Jacobs; limit, 60 days; forfeit,
 \$3 per day; plans and spec. filed.

(88) FURNISH AND INSTALL ALL
 glass on above.
 Sub-Contractor—W. P. Fuller Co., 259
 Tenth St., Oakland.
 Filed March 17, '28. Dated March 13, '28
 Payments same as above.
TOTAL COST, \$1300
 Bond, limit, forfeit, plans and specifica-
 tions, none.

WAREHOUSE

(85) NINTH and Castro sts., Oakland, including staving and nailing, mill work.

Owner—Langley & Michaels Co., Oakland.

Architect—

Contractor—Tilden Lumber & Mill Co., 301 and Harris in, Oakland.

Filed March 1, 1928. Dated Mar. 12, 1928.

Completion—

Usual 35 days.

TOTAL COST \$8300.00

Bond, forfeit, none; limit, 90 days; plans

and spec. filed.

GAS PLANT

(86) JEFFERSON and First sts., Oakland, company's Sta. C; plastering, exterior and interior on gas plant.

Owner—Pacific Gas & Electric Co., 17th and Clay, Oakland.

Plans by Dept. of Engineering owner.

Contractor—Evans and June.

Filed March 16, 1928. Dated Mar. 9, 1928.

Completion—

Usual 35 days.

TOTAL COST \$3240

Bond \$3240; surety, Globe Indem. Co.

limit, 35 days; forfeit, none; plans and spec. filed.

STORE

(86) NE MORAGA and Hampton roads, Oakland; all work on 1-story frame store bldg.

Owner—Realty Syndicate Co., Syndicate Bldg., Oakland.

Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.

Contractor—C. H. Thrums, 28 Home pl., Oakland.

Filed March 16, 1928. Dated Mar. 12, 1928.

Frame up—

Brown coated—

Completed—

Usual 35 days.

TOTAL COST \$7415

Bond, forfeit, none; limit, 90 days; plans

and spec. filed.

WAREHOUSE

(87) SW NINTH AND CASTRO STS., Oakland. All work for exterior cementing and interior plastering for warehouse building.

Owner—Langley & Michaels Co., 52 First St., San Francisco.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor—Clinton Constr. Co., S. F.

Sub-Contractor—Evans & June, Oakland.

Filed March 16, '28. Dated March 11, '28.

On 10th of each month—

Usual 35 days.

TOTAL COST, \$3145

Bond, limit, forfeit, plans and specifications, none.

MOVING, ETC.

(89) OAKLAND. All work for moving and re-erecting water tube boilers.

Owner—Southern Pacific Co., 13th and Broadway, Oakland.

Architect—None.

Contractor—George Doward (Doward Engineering Co., 417 Market St., San Francisco).

Filed March 17, '28. Dated—

Close of each month—

Usual 35 days.

TOTAL COST, \$10,365

Bond, \$10,365. Surety, National Surety Co. Limit, 90 days. Forfeit, none.

Plans and specifications filed.

(90) LOT 123 ST. JAMES WOOD, Piedmont. All work for two-story and basement frame and stucco residence.

Owner—Phillip A. Hershey, 2332 Cedar St., Oakland.

Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

Contractor—F. C. Stolte, 3155 Laguna St., Oakland.

Filed Mar. 19, '28. Dated Mar. 19, '28.

Frame up—

When plastered—

When completed—

Usual 35 days.

TOTAL COST, \$13,628

Bond, \$13,628. Surety, Pacific Indemnity Co. Limit, 90 days. Forfeit, none.

Plans and specifications filed.

WAREHOUSE

(91) NW 16TH ST. and Shattuck ave., Oakland; all work on class B warehouse bldg.

Owner—John Diestel and D. J. Sullivan, 117 Hearst Bldg., S. F.

Architect—H. C. Bauman, 251 Kearny st., S. F.

Contractor—Loren & Larsen, 1107 Hearst Bldg., S. F.

Filed March 20, 1928. Dated—

Close of each month—

Usual 35 days.

Bond, forfeit, none; limit, 90 days; no

plans or spec. filed.

R. R. WORK

(92) SHATTUCK AVE., Berkeley; excavating and reconstructing ry. tracks.

Owner—Southern Pacific Co.

Architect—None.

Contractor—Hutchinson Co., Inc., Hutchinson Bldg., Oakland.

Filed March 20, 1928. Dated—

Close of each month—

Usual 35 days.

Approx. 2800 cu. yds. at 95c per yd.

Bond, \$2600; surety, Pacific Indem. Co.

limit, 60 days; forfeit, none; plans and spec. filed.

RESIDENCE

(93) LOT 15 BLK. 7, Berkeley Heights, Berkeley; all work on 5-room residence and garage.

Owner—Reese and Elizabeth Martin, Berkeley.

Architect—None.

Contractor—Peter T. Wallstrum, 2399 Ashby, Oakland.

Filed March 20, 1928. Dated Mar. 20, 1928.

Frame up—

Brown coated—

Usual 35 days.

TOTAL COST \$5246

Bond, none; limit, 80 days; forfeit, \$10

per day; no plans or spec. filed.

BUNGALOW

(117) W 21ST AVE. 200 S Santiago S 25 x W 120; all work on 5-room bungalow.

Owner—Robert L. and Maybelle G. Pugh.

Architect and Contractor—Geo. O. Bendon.

Filed Mar. 21, 1928. Dated Mar. 19, 1928.

Frame up—

Brown coated—

Completed—

Usual 35 days.

Note secured by mortgage

TOTAL COST \$7742

Bond, none; limit 120 days; forfeit, \$1;

plans and spec. filed.

RESIDENCE

(119) E BAKER 87.6 N Jefferson 87 in depth; all work on 2-story and basement frame residence.

Owner—Mrs. Amelye Estelle Orack and Samuel Orack, 798 9th ave.

Architect—Louis Mastropasqua, 580 Washington st.

Contractor—V. E. Ratto, 4594 19th st.

Filed Mar. 21, 1928. Dated Mar. 8, 1928.

Rough frame up—

1st coat of plaster—

Completed and accepted—

Usual 35 days.

TOTAL COST \$12,200

Bond, forfeit, none; limit, 90 days; plans

and spec. filed.

RESIDENCE

(94) NE KIETH Ave. and Bret Harte st., Berkeley; all work on 1-story frame and stucco residence.

Owner—Mary A. Bowcher, 1418 San Pablo ave., Berkeley.

Architect—None.

Contractor—Jeffrey & Rollins, Piedmont.

Filed March 21, 1928. Dated Mar. 21, 1928.

Roughed in—

Plastered in—

Accepted—

Usual 35 days.

TOTAL COST \$6720

Bond, forfeit, none; limit, 90 days; no

plans or spec. filed.

COMPLETION NOTICES

Alameda County

March 16, 1928—2804 CLAY ST., Alameda. Sidney J Dowling to whom

it may concern. March 14, 1928

March 16, 1928—LOT 14 & PTN LOT 15

blk 17, Kinsell Trct No 2, Oakland.

L B Frederick to whom it may concern. March 15, 1928

March 16, 1928—9011 D ST., Oakland

E M Crandall to Charles Spegal. March 16, 1928

March 15, 1928—LOT 229 MONTCLAIR

Highlands, Oakland. Realty Syndi-

cate Co to E H Adams. Mar. 12, 1928

March 15, 1928—LOTS 54 & 55 BLK 12

Sunset Terrace, Albany. L and A

Cozzo to G D Gaeta. March 15, 1928

March 15, 1928—LOT 113 HEMME Trct,

San Leandro. Edward and Rose Fer-

rando to W H Whited. March 10, 1928

March 15, 1928—LOT 9 BLK F, Durant

Manor. Byrd O Smith to whom it may

concern. March 14, 1928

March 14, 1928—220 STONE WALL Rd.,

Oakland. R D Holabird to Ben Pear-

son. Feb. 25, 1928

March 15, 1928—N 16TH ST 90 W Wil-

low st., Oakland. W C Marshall to

whom it may concern. March 15, 1928

March 15, 1928—124 WALDO AVE, Pied-

mont. R C Woodburn to whom it

may concern. March 15, 1928

March 15, 1928—S LINE BAY Island

ave 256 E Regent st. Noble F Justice

to whom it may concern Mar. 12, 1928

March 14, 1928—2924 73RD AVE, Oak-

land. Russell D Ferris to whom it

may concern. March 12, 1928

March 14, 1928—S BAY ISLAND AVE

388 E Regent st, Alameda; Noble F

Justice to whom it may concern. March 13, 1928

March 14, 1928—833 SUNNYHILLS RD,

Oakland. F R Brayton to whom it

may concern. March 14, 1928

March 14, 1928—LOT 25 BLK 7 North

Cragmont, Berkeley. Dorothy G. Hoo-

per to Frank Pemberton. Mar. 12, 1928

March 14, 1928—537 SPRUCE ST, Ber-

keley. Sam Steindel to whom it may

concern. March 13, 1928

March 14, 1928—S ROSE ST 68.7 E

Oxford, Berkeley. John J Geary and

George F Dowling to whom it may

concern. March 12, 1928

March 16, 1928—2444 VIRGINIA ST Ber-

keley. Minnie E Hamilton to Murphy

F Hamilton. March 14, 1928

March 17, 1928—3151 McKILLOP Rd.,

Oakland, E C and Mathilda J Eaton

to Pce Bros. March 15, 1928

March 17, 1928—PTN LOT 4 BLK D

Claremont Trct, Ala Co. A J Pollard

to whom it may concern. Mar. 15, 1928

March 17, 1928—LOT 23 BLK 5, KEY

Route Terrace No 2. A J Pollard to

whom it may concern. Mar. 15, 1928

March 17, 1928—SW PENNIMAN AV

298.4 NW High st, Oakland. J C and

Sine Jorgensen to whom it may con-

cern. March 16, 1928

March 17, 1928—LOT 8, DUTTON

Manor Addn. San Leandro. Joseph

Franklin to whom it may concern. March 17, 1928

March 17, 1928—LOT 89, Best Manor,

San Leandro. John Young to whom

it may concern. March 17, 1928

March 17, 1928—LOT 51 & PTN LOT

50, blk 9, Key Route Heights, Oak-

land. J A McCord to whom it may

concern. March 17, 1928

March 17, 1928—PTN LOT 12 BLK 4

Arlington Heights, Berkeley. Tryp-

hosa Black Street to J W Monroe. March 8, 1928

March 17, 1928—LOT 46 & HALF LOT

47, Unit C Oak Knoll Trct, Oakland.

L M Barker to whom it may concern. March 15, 1928

March 20, 1928—LOTS 95 — 96 Avenue

Terrace, Oakland. A G Mallen to

whom it may concern March 19, 1928

March 20, 1928—143 TUNNEL ROAD,

Berkeley. Harlette De Witt to whom

it may concern. March 15, 1928

March 20, 1928—1835 HARVARD DR.,

Alameda. Noble F Justice to whom

it may concern. March 17, 1928

March 20, 1928—115 HIGHLAND AVE

Piedmont. Victor Guyot to whom it

may concern. March 19, 1928

March 19, 1928—46 SOTELO AVE,

Piedmont. Ethel S Shuman to Beck-

ett & Wight. March 8, 1928

March 19, 1928—4211 QUIGLEY ST, Oak-

land. F T and Margaret Dooley to

F T Dooley. March 16, 1928

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,

Nevada City, Reno

S

March 19, 1928—PTN LOT 4, Piedmont Terrace, Oakland. Laura M Wilson to Thos F L Furlong.March 14, 1928
March 19, 1928—LOT 72 BLK E, Fernside, Alameda. Karl S Fredrickson to whom it may concern Mar 17, 1928

LIENS FILED

Alameda County

Recorded	Amount
March 16, 1928—NW ADDITION AND Acton sts, Berkeley. Jas A Davis Co vs Annie Gutzen, J J Kirth.....	\$368.42
March 16, 1928—LOTS 34 & 35, Orange Grove Tct, San Leandro. S Giuntoli vs Oakland Title Ins. & Guarantee Co. Sherman Kemp Sr	\$82
March 15, 1928—PTN LOTS 20 & 21 Orange Grove Tct, San Leandro. S Giuntoli vs F J Reilly.....	\$54.60
March 16, 1928—LOT 5 BLK 406, Excelsior Heights, Oakland. A M Hite vs H A Norton.....	\$237.49
March 15, 1928—LOT 2 BLK 22 Northbrae, Berkeley. H C Andersen vs F R Marshall, Enrichetta K Marshall. \$25	
March 15, 1928—LOT 2 BLK 22, Northbrae, Berkeley. H C Andersen vs F R and Enrichetta K Marshall, C E Rednours.....	\$325
March 15, 1928—E LINE ESTATE DR 95 SE of NW cor of certain .535-acre tract deed by Realty Syndicate Co to J L Wadey and wife Montclair Estate. Oakland. W H Picard Inc vs Helen A Watson and Jerome A Raymond.....	\$390.05
March 15, 1928—NW PARROTT ST 42 NE Hayes st, San Leandro. W G Smith vs Vincent & Virginia Gianoni.....	\$302.65
March 15, 1928—421 15TH ST, Oakland, Geo Smith (as Emeryville Planning Mill) vs Mark W Slocum.....	\$149.20
March 17, 1928—6168 MAURETANIA Ave., Oakland. Martin Miller vs H A Smith.....	\$45
March 17, 1928—1404 66TH ST, Berkeley. A Ames vs F R Drinkhouse. \$25	
March 17, 1928—1217 CAMPUS Drive, Berkeley. Rhodes-Jamieson Co vs Peter and Betty Nelson.....	\$358.28
March 17, 1928—LOTS 1 & 2. MAP No 1 Garcia Sub of San Leandro. The Scott Co vs A C and George T Ostrom, Ostrom Bros.	\$775

RELEASE OF LIENS

Alameda County

March 14, 1928—LOT 23 BLK 9 Herzog Tct, Oakland. George Smith (Emeryville Planning Mill) \$67; R A Mitchell, \$128.50; and Harry W Silver, \$215, to J A Vonada. Cora Vonada.
March 10, 1928—NO. 512 MIDCREST Road, Oakland. George M Goodman to E Taylor Dykes and C R Squires\$97.69
March 12, 1928—PTN LOT 7, Claremont Heights Subdiv No. 1, Oakland. Sunset Lumber Co to L Dee and Marion C Smith\$1425.71

BUILDING PERMITS

SAN JOSE

RESIDENCE 4-room, \$2800; N 14th St. near St. James, San Jose; owner, Fred Beck, 251 N-14th St., San Jose; contractor, S. H. Gaudinip, 132 N-16th St., San Jose.
RESIDENCE, 6-room, \$3750; Twenty-sixth St. near St. John, San Jose; owner, Jos. Belloni, 122 N-26th St., San Jose.

PARISH house, 9-room, \$9750; Willow St. near Palm, San Jose; owner, Church of Sacred Heart, Premises; contractor, D. Paganini, 515 California St., San Jose.

CHURCH, \$8000; Twenty-first and San Fernando sts., San Jose; owner, Church of the Nazarene, San Fernando at 21st Sts., San Jose; contractor, Paul Anderson, 1210 Lincoln St., San Jose.

RESIDENCE, 5-room, \$4900; 12th St. near Margaret, San Jose; owner, Lawrence Gotelli, General Delivery, San Jose; contractor, Felix Savio, 44 N-River St., San Jose.

RESIDENCE, duplex, \$3000; Ninth and St. James Sts., San Jose; owner, John Hocking, 381 N-11th St., San Jose; contractor, Williams & Hart, 191 N-Ninth St., San Jose.

RESIDENCE, 5-room, \$3500; Hull St. nr Prevost St., San Jose; owner, Anna Heizen, 875 State St., San Jose; contractor, Norman, Wheeler & Needham, 115 N-First St., San Jose.

POULTRY houses and market, \$1150; No. 1105 Vine St., San Jose; owner, A. Racole, Premises; contractor, Thos. Gion, 810 Pine St., San Jose.

RESIDENCE, 5-room, \$4540; Bird St. near Palm Haven, San Jose; owner, H. Steele; contractor, The Minton Co., 919 Bank of Italy Bldg., San Jose.

REMODEL residence, \$3000; Eleventh St. near San Carlos, San Jose; owner, United Presbyterian Church, 720 S-Ninth St., San Jose; architect, Ralph Wyckoff, 511 Growers Bank Bldg., San Jose.

RESIDENCE, 5-room, \$4200; Atlas St. near San Fernando St., San Jose; owner, F. A. Halla, 445 N-17th St., San Jose; contractor, E. Delmaestro, 424 W-Julian St., San Jose.

BUSINESS building, 1-story Class C, \$6000; E Santa Clara St. near 10th, San Jose; owner, Chas. Thomas, 303 S-17th St., San Jose; contractor, Wm. C. Cone, 1163 Federal Bldg., Oakland.

BUSINESS building, 1-story Class C, \$12,250; Delmas St. near Fuller St., San Jose; owner, A. L. Wise, Cherry Ave., San Jose; contractor, T. H. Herschbach Bank of San Jose Bldg., San Jose.

RESIDENCE and store, combination, \$4000; Seventh and Washington Sts., San Jose; owner, Frank Maio, 310 W-Empire St., San Jose.

COTTAGE, 3-room, \$1400; No. 455 N-Nineteenth St., San Jose; owner, F. M. Rogers, 326 N-First St., San Jose

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

GARAGE
No. 124 MEDWAY ST., San Mateo. All work for two-story frame garage building and house repairs.
Owner—Chas. R. Blythe, Premises.
Architect—Ward & Blohme, 319 Sansome St., San Francisco.
Contractor—Dowsett-Ruhl Co., Burlingame.
Filed March 13, '28. Dated March 12, '28.
Progressive payments 75%
36 days 25%
TOTAL COST, \$10,627
Bond, none. Limit, by June 4, 1928. Forfeit, \$20. Plans and specifications filed.

APARTMENTS
PART LOT 9 BLK 6, Town of Burlingame. All work except Plumbing, etc., for three-story store and apartment building.
Owner—Nina Mayer.
Architect—E. L. Norberg et al, 407 Occidental Ave., Burlingame.
Contractor—Black & Campbell.
Filed Mar. 13, '28. Dated Mar. 8, '28.

Progressive payments 75%
Usual 35 days 25%
TOTAL COST, \$19,845
Bonds (2) \$9922.50. Surety, Maryland Casualty Co. Limit, 120 working days. Forfeit, \$20. Plans and specifications filed.

PLUMBING, ETC., ON ABOVE.
Contractor—Joseph Grimes, Burlingame
Filed Mar. 13, '28. Dated Mar. 8, '28.
Payments same as above.....
TOTAL COST, \$2723
Bond, \$1362. Sureties, Chas. A. Buck and Joseph Beard. Limit, —. Forfeit, \$5. Specifications only filed.

BUILDING PERMITS

SAN MATEO

BUNGALOW and garage, \$4000; lot 22 blk 3 S F st., San Mateo; owner, R. E. Broderick, 130 12th ave.
RESIDENCE, \$7450; N6 lot 190 Occidental ave, San Mateo; owner, Ernest Svister; contractor, James Horne, 869 California dr.
RESIDENCE, 2-story frame, \$10,000; lot 13 blk 21, Virginia st., Baywood; owner, John Truett; contractor, Thos. A Cavanaugh, 603 Dorchester.
DWELLING, two story, \$10,000; part lot 4 blk. 13, Cornell ave., Baywood; owner, George Bros.
DWELLING, two stories, \$10,000; lot 7 blk 13, Cornell ave., Baywood; owner, George Bros.

BUILDING PERMITS

PALO ALTO

DWELLING, frame and stucco, \$3500; No. 510 Princeton Ave., Palo Alto; owner, E. G. Willer.
RESIDENCE, frame and stucco, \$7500; No. 2361 Bryant St., Palo Alto; owner, Geo. Lanthier.
WAREHOUSE, hay, \$1500; Page Mill Rd, Palo Alto; owner, R. R. Agnew; contractor, Gotshaw Bros.
RESIDENCE, frame and stucco, \$6000; No. 2255 Tasso St., Palo Alto; owner, Henry Eass, Palo Alto.
RESIDENCE, frame and stucco, \$10,00; 1255 Hamilton ave., Palo Alto; owner, Harry A. Trimble, Palo Alto.
RESIDENCE, frame and stucco, \$7000; 252 Washington ave, Palo Alto; owner, E. J. Schmalging, Palo Alto.

BUILDING PERMITS

REDWOOD CITY

DWELLING, 1-story frame, \$1000; No. 1441 Roosevelt St., Redwood City; owner, M. J. Peterson, Redwood City.
DWELLING, 1-story frame, \$1000; No. 1617 Kentfield Ave., Redwood City; owner, E. F. Bottemiller, Redwood City.
DWELLING, 1-story frame, \$3000! No. 547 Jackson Ave., Redwood City; owner, E. A. Parr, Redwood City.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
March 12, 1928—LOT 12 BLK 7 Lake Park. Robert Melville to whom it may concern.....	Jan. 2, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
March 12, 1928—LOT 3 BLK 6, Burlingame Villa Park. P R Weeks et al vs John J Donaldson et al (2 liens).....	\$98.53 and \$110.75

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
March 12, 1928—PART LOT 13 BLK 1, New High School Acres, San Mateo. Merner Lumber Co to H G Pryor.....	\$522.12

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

MARCH 10, 1928—LOT 1 BLK 8, Burlingame Park, Burlingame; Alfred J. Kimbrough to Charles G. Adams, \$300.
 MARCH 11, 1928—LOT 1 BLK 1, Burlingame Hills, Burlingame; Co. to Natalie C. Burlingame, \$1331.95.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded March 12, 1928—PART LOT 15 BLK 2, Eagle Hill Addition, San Mateo; Eugene Aborn to whom it may concern, March 9, 1928.

BUILDING CONTRACTS

BURLINGAME

RESIDENCE, \$8000; Lot 3 blk 58 Hillside dr., Burlingame; owner, John Buhun; contractor, A. M. Schulte, 2109 Hillside dr.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded March 10, 1928—LOT 5 BLK 111-A, Seaverance Blk Book of City of Monterey; Joe and Sarah De Maggio to G. W. Brazelton, March 9, 1928.
 March 12, 1928—LOT 27 BLK 201, Second Addition to Carmel Woods; Charles L. and Ethel Berkey to M. J. Murphy, March 9, 1928.
 March 13, 1928—LOT 7 Espinosa portion of Rancho de Los Ositos, Gudelia E. Bouton to T. H. Williams, March 10, 1928.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$10,000; No. 1647 Argonne Drive, Stockton; owner, E. R. Cavasso, 1219 W. Elm St., Stockton.
 RESIDENCE, \$2000; No. 1505 S-American St., Stockton; owner, Antonio Doveri; contractor, N. Nomellini, 2226 E-Washington St., Stockton.
 SHED, packing, \$4000; No. 138 N-Wilson Way, Stockton; owner, San Joaquin Marketing Assn., 126 N-Wilson Way, Stockton; contractor, John Hackman Stockton.
 RESIDENCE, 2-story and garage, \$8000; No. 1849 N-Edison St., Stockton; owner, J. Stuart Moore, Lathrop.
 SHOP, paint, \$1500; No. 111 N-Pilgrim St., Stockton; owner, Stockton Board of Education, Civic Center.
 RESIDENCE and garage, \$3800; No. 231 W-Walnut St., Stockton; owner, E. Ehler, 1311 E-Anderson St., Stockton; contractor, E. R. Hibbard.
 RESIDENCE and public garage, \$6000; No. 1630 N-Wilson Way, Stockton; owner, W. K. Edwards, 1664 S-Grant St., Stockton.
 RESIDENCE and garage, \$2000; No. 2135 E-Hazelton St., Stockton; owner, Harry Hanson.
 REMODEL store building, \$1450; No. 23 N-El Dorado St., Stockton; owner, Augusta W. Lachmund; contractor, H. W. Johnson.

BUILDING PERMITS

SACRAMENTO COUNTY

REPAIRS, general, \$35000; No. 1328-30 J St., Sacramento; owner, Chas. E. Wright, 1671 10th St., Sacramento; contractor, Wright & Kimbrough, 817 J St., Sacramento.

REPAIRS, general, \$1500; No. 905 12th St., Sacramento; owner, Wilbur Polk, 1611 14th St., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1716 41st St., Sacramento; owner, F. R. Johnson, 2205 31st St.; Sacramento; contractor, P. R. Opdyke, 3239 E St., Sacramento.

RESIDENCE, 5-room and garage, \$3250; No. 1133 56th St., Sacramento; owner, C. A. Darling, 1812 Beverly Way, Sacramento.

RESIDENCE, 6-room and garage, \$3750; No. 1417 52nd St., Sacramento; owner, E. R. Landcaster, 5017 T St., Sacramento.

RESIDENCE, 5-room and garage, \$2700; No. 3801 17 St., Sacramento; owner, E. A. Corum, 2533 Portola Way, Sacramento.

RESIDENCE, 5-room and garage, \$5000; No. 2609 Third Ave., Sacramento; owner, E. A. Corum, 2533 Portola Way, Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 2582 16th St., Sacramento; owner, J. E. Chesson, 2559 16th St., Sacramento.

RESIDENCE, 5-room and garage, \$4600; 600 47th St., Sacramento; owner, T. Cavanaugh, 422 San Miguel Way, Sacramento.

RESIDENCE, 6-room and garage, \$1250; No. 355 31th St., Sacramento; owner, W. H. Bartlett, 2015 N St., Sacramento.

LODGE building, \$2000; No. 712 I St., Sacramento; owner, Foresters Hall Assn., Bet. 7th and 8th Sts., Sacramento; contractor, F. Moloney, 2017 O St., Sacramento.

FLATS, 4-room, \$2300; No. 2730 T St., Sacramento; owner, Mrs. Frank Harkness, Premises; contractor, W. R. Saunders, 2614 I St., Sacramento.

RESIDENCE, 8-room, \$5000; No. 2401 V St., Sacramento; owner, O. M. Frohling, 469 El Camino St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 2450 San Jose Way, Sacramento; owner, W. D. Mendenhall, 3768 4th Ave., Sacramento.

RESIDENCE, 5-room and garage, \$5000; No. 550 Palo Way, Sacramento; owner, N. H. Lund, 3300 Cutter Way, Sacramento.

APARTMENTS (12) 2-room, \$23,500; No. 525-527 N St., Sacramento; owner, M. Oppen, 419 15th St., Sacramento; contractor, Geo. D. Hudnutt, Sacramento.

March 16, 1928—LOT 87, Riverside Terrace, Sacramento. Elmer Forbes and Ed R. Beebe to whom it may concern, March 14, 1928.

March 16, 1928—LOT 64, Oak Ridge, Sacramento. James R. Page to whom it may concern, Nov. 14, 1928.

March 17, 1928—LOT 572 W. & K. Sub. No. 19, Sacramento. Lafe Mills-paugh to whom it may concern, March 12, 1928.

March 17, 1928—LOT 1515 K. & K. Tract No. 30, Sacramento. John Liviakis to whom it may concern, March 16, 1928.

APARTMENT house (18-room) and garage, \$13,000; No. 3415-3417 I St., Sacramento; owner, H. L. Mee, 3117 Vt St., Sacramento.

RESIDENCE, 4-room and garage, \$2000; No. 4214 Fifth Ave., Sacramento; owner, Klein Realty Service, 1009 8th St., Sacramento.

RESIDENCE, 2-room and garage, \$1400; No. 908 49th St., Sacramento; owner, F. C. Cecchetti, 557 San Antonio Way, Sacramento.

RESIDENCE, 5-room and garage, \$4800; No. 1600 Berkeley Way, Sacramento; owner, Jas. Pedone, 914 S St., Sacramento.

RESIDENCES (2) 5-room and garages, \$4950 each; No. 510-513 Forty-sixth St., Sacramento; owner, N. H. Lund, 3300 Cutter Way, Sacramento.

RESIDENCE, 4-room and garage, \$3000; No. 2301 Castro Way, Sacramento; owner, Isobel S. Chappell, 2418 22nd St., Sacramento; contractor, R. C. Kennedy, 5016 13th Ave., Sacramento.

RESIDENCE, 6-room and garage, \$6000; No. 2800 Regina Way, Sacramento; owner, Swanston Park Syndicate, 607 J St., Sacramento; contractor, E. J. Bennett.

STATION, service, \$—; No. 2638 Stockton Way, Sacramento; owner, H. G. Reynolds, 4300 14th Ave., Sacramento.

RESIDENCE, 5-room, \$3000; No. 3341 Santa Cruz Way, Sacramento; owner, T. O. Cox, 2949 35th St., Sacramento.

HOSPITAL, animal, \$25,000; No. 431 Y St., Sacramento; owner, Mrs. Courtney, Santa Barbara; contractor, Lindgren & Swinerton, California State Life Bldg., Sacramento.

SIGN, \$1000; No. 610 K St., Sacramento; owner, J. S. Williams, Premises.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded March 13, 1928—BET. TWENTY-SECOND and Twenty-fifth Sts. on R St., Sacramento. Southern Pacific Co. to whom it may concern, March 8, 1928.
 March 14, 1928—LOT 16 Western Pacific Addition, Sacramento. Oliver A. and Margaret Helen Fee to whom it may concern, March 14, 1928.
 March 14, 1928—LOT 152, Swanston Park Unit No. 1, Sacramento. M. T. Jewell to whom it may concern, March 12, 1928.
 March 14, 1928—E 1/2 LOT 2 T, U, 30th and 31st Sts., Sacramento. H. F. Terra to whom it may concern, March 10, 1928.
 March 14, 1928—LOT 225 W & K Tract No. 33, Sacramento. Joseph Pedone to whom it may concern, March 13, 1928.

LIENS FILED

SACRAMENTO COUNTY

Recorded March 13, 1928—N 1/2 OF E 1/2 BLK K, L, 19th and 20th Sts., Sacramento. William Waddams vs T. Wah Hing, \$102.

BUILDING PERMITS

FRESNO

PLUNGE, \$25,000; 1730 H st., Fresno; owner, Crown Printing Co., 1726 H st.; contractor, R. Pedersen, 446 Clark

COMPLETION NOTICES

FRESNO COUNTY

Recorded March 17, 1928—LOT A PTN LOT B Blk 13, Alta Vista, Fresno; owner, Pearl Coates to Shorb & Neads, March 10, 1928.
 March 17, 1928—LOTS 5 AND 6 BLK 5, Sierra Vista Addition, Fresno. W. T. Harris to whom it may concern, March 16, 1928.

LIENS FILED

FRESNO COUNTY

Recorded March 17, 1928—LOTS 7 AND 8 BLK 2, Palm Heights, Fresno. J. D. Halstead Lumber Co vs W. A. Beran, \$1746.

The Associated Metal Lath Manufacturers, 123 W-Madison street, Chicago, has published in a recent issue of Metal Laths News, the official organ of the association, an interesting article on the St. Louis tornado and how various types of ceiling partition, construction withstood the damage that was caused by the storm. According to the article, which is illustrated, metal lath and plaster gave a better account for itself than did other construction, and was an important factor in the protection of life and property. Copies of this issue, Vol. IV, No. V, may be secured upon request.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

810 W. 5th Street

Los Angeles, Calif.

GEO. H. LAIB ELECTED PRESIDENT OF REORGANIZED J. L. MOTT COMPANY

Reorganization of the new J. L. Mott Co., Inc., the consolidated concern which has grown out of the recent merger of the former Mott Company and its subsidiaries with the Laib Co. and the Columbia Sanitary Manufacturing Co., has been effected and the company incorporated under the laws of Delaware, according to an announcement from George I. Laib.

Mr. Laib is president and chairman of the board of the new company with its various subsidiaries. Other officers are W. G. Probst, vice president and general manager; Jordan L. Mott, third, great-grandson of the founder of the Mott industries, vice president and secretary, and J. E. Siegel, treasurer. Mr. Probst and Mr. Mott are also members of the directorate.

As the initial move in an aggressive merchandising policy indicated by the consolidation, the J. L. Iron Works, sales subsidiary of the Mott Co., will remove its New York offices and showrooms from Fifth avenue at 17th street to a new building at 369 Lexington avenue, which is at 41st street, in the heart of the architects' district. The building will be known as the Mott Bldg. and the company will move on May 1. An elaborate showroom is being fitted up on the ground floor, with several model bathrooms done in the latest colorings and designs. Another floor of the showroom will be devoted to kitchen equipment, marine plumbing and ornamental iron work, and a complete exhibit of the full Mott line of hospital equipment will be on permanent display.

Mr. Mott will be in charge of the New York offices and territory, which now includes all of Northern New Jersey, and his first business was the contract for the 54-story Channing Bldg. now being erected at Lexington avenue and 42nd street, New York. Harry J. Carey has been appointed sales manager for the district, and has assigned the Westches-

ter county section to Fred G. Merkle, formerly at the Mott Haven warehouse; Melville C. Reid will continue to serve the architects in Westchester. Fred T. Limbert and Willard Berrien have been transferred from company branches in other cities to handle the North Jersey business.

With the reorganization of the merged companies, the name of the Columbia Sanitary Manufacturing Co. at Louisville has disappeared, and it is now operating under the name of the J. L. Mott Co., Inc. The Columbia plant, which is devoted exclusively to the manufacture of enamelware, is on a capacity basis, and the various branches of the huge Mott plant at Trenton are gradually being reorganized with a view to speeding up production and extending the Mott line. Since January 15 the brass foundry has been cleaning up back orders and was scheduled to be on a current basis about March 15. The pottery, iron foundry and most of the smaller shops went on a capacity basis March 5. The company states that all of the 18 branches of the Mott and Laib companies will be maintained.

"In addition to an aggressive merchandising policy based on an extensive warehouse facilities serving architects, contractors and jobbers in all sections of the country, our plans call for scientific experimentation and sound development in every branch of the business," Mr. Laib stated. "The financial and mechanical facilities of Mott today are equal to any demand that may be made upon them for quantity and quality. It will be the endeavor of Mott to continue its contributions to the development of sanitary plumbing fixtures for residences, apartment buildings and hotels, railway and public comfort stations, office and public buildings, schools and factories, marine plumbing, hospital plumbing and hydrotherapeutic equipment. The century-old Mott traditions are a vital part of the new J. L. Mott Co."

NATIONAL FORESTS CONTRIBUTE TO STATE ROAD AND SCHOOL DEVELOPMENT

Thirty-nine counties in California will receive a share of \$291,437 as their part of the annual receipts from national forest revenues for the fiscal year ended June 30, 1927, according to report by S. B. Show, chief of the California district, U. S. Forest Service. An additional 10 per cent, or \$115,138, of last year's forest receipts will also be spent by the Forest Service during the present fiscal year in the construction of roads and trails within these counties.

Under the so-called 25 per cent fund law, one-fourth of all receipts from the national forests received from the sale of timber, grazing fees and other forest resources are returned to the state to be pro-rated among the counties on the basis of the amount of Federal forest land within the counties. The leading

counties that will benefit from this return of Federal money are Plumas, \$51,932; Fresno, \$37,843; Tuolumne, \$35,832; Lassen, \$23,119; Shasta, \$16,241, and Madera, \$12,871.

But this 25 per cent refund from receipts and the 10 per cent road and trail fund are not the only monetary benefits that the State derives from the national forests, Mr. Show points out. During the past fiscal year, under appropriations by Congress, more than a million dollars was spent by the Forest Service in California, in co-operation with the state and counties, on road projects within and adjacent to the national forests,—making a grand total of nearly 1½ million dollars received by the state, in lieu of taxes, by reason of the existence of Federal forests in the state.

TO ERECT WAREHOUSE

Crane Co., wholesale plumbing supply concern, is having plans prepared for a \$100,000 warehouse and distributing plant to be erected at Tucson, Arizona.

ANNUAL MEET OF WOOD UTILIZATION COMMITTEE IS SET

The annual meeting of the National Committee of Wood Utilization of the Department of Commerce has been called for May 4 and 5. The sessions will be opened Friday afternoon in the confer-

ence rooms of the Commerce Building, Washington, D. C. This meeting will follow a lumber conference called by Secretary Hoover, May 3 and 4, in order that representatives of the various branches of the lumber industry may gather simultaneously. Two half-day sessions will be devoted to the wood utilization committee's program. Secretary Hoover, as chairman of the Committee, will address the opening session; while Col. W. B. Greeley, vice-chairman, will open the second session. While the previous annual meetings of the National Committee have been devoted to deter-

mination of its program, this year representatives of the principal groups of producers, manufacturers, distributors and consumers will discuss their particular interest in the committee program. Thus each member will be made to realize his part in the program, the object of which is to make reforestation feasible through increased utilization of the felled tree. While the Committee is vitally interested in reforestation its program is concentrated on closer and more efficient utilization of timber.

SELLS BUSINESS

Retail business of the Mucke Rock & Sand Company of Sacramento has been taken over by the West Sand & Gravel Company with the producing end to remain unchanged. A. Mucke and C. Lissman, who are disposing of the retail rights, have controlled the Mucke Company's business for the past two years. The purchasers, C. E. Green, has been in the sand and gravel business in the Sacramento section for the past 15 years and H. E. West has been associated in a similar business in the Santa Cruz section for the past 10 years.

BANKRUPT

Carl Frederick Rawitzer, doing business as the Acme Awning & Canvas Company of Oakland, has filed a bankruptcy petition in the United States District Court, listing debts of \$18,518 and assets of \$20,589, of which he asks \$18,825 be exempt.

SUGAR PINE INVESTMENT COMPANY FACES SUIT

Charging that 38 dummies were used by the Sugar Pine Investment Company of Fresno to secure title to lumber land in Humboldt and Shasta counties, Geo. Hatfield, United States district attorney, announces that suit would be filed in Sacramento to regain title to the land. Hatfield said that an investigation of the chain of title to the land patented by the men showed that all entries were transferred to George L. Hoxie, who turned them over to the investment company. The court will be asked to nullify the patents and return the land to the department of the interior.

QUESTIONS AND ANSWERS

Question: "What is steel wool?"
Answer: "The fleece of a hydraulic ram."

Question: "What are glaciers?"
Answer: "Guys who fix windows when they are broken."

DON'T CHOKE ON THIS!

Teacher: "What does your father do for a living, Willie?"

Willie: "He's an artichoke and draws houses."

CELOTEX ISSUES CATALOGUE

The Celotex Company, Chicago, manufacturers of an insulating material for residences, has issued an interesting booklet entitled "Yes, You Can Own That Home." This booklet deals with the economics of home ownership in a promotional way, and discusses the costs and financing of a home on the basis of income and savings.

SEASONING TOO?

A sweet young thing was being shown through the locomotive department of the Minneapolis Steel & Machinery Company.

"That," answered the guide, "is an engine boiler."

She was an up-to-date young thing and at once became interested.

"And why do they boil engines?"

"To make the engine tender," replied the resourceful guide.

NEW DECORATIVE MATERIAL IS ANNOUNCED IN CATALOGUE

Zonta, a new decorative material for the interiors of any building, has been announced in a catalogue by the Zonta Corporation, 916 Water Street, S. W. Washington, D. C. This is a new Portland cement product that may be applied over new plaster or over old decorated surfaces, and that combines color and texture. The work may be done in many interesting textured effects, and is said to cost about the same as an ordinary paint job, to be permanent, and to be easily cleaned with soap and water and cleaning compounds. It may be applied, according to the literature, by either painters or plasterers. It may be glazed if desired.

UNITED DREDGING COMPANY SUED FOR \$200,000

Ben L. Lamborn filed a suit in the United States District Court, San Francisco, for \$200,000 against the United Dredging Company, the North American Dredging Company and R. A. Perry for services alleged to have been given the defendants in a \$3,000,000 claim against the Mexican government. Lamborn formerly was City Clerk of Alameda. Lamborn asserts he was employed to collect debts due the defendants by Mexico. The Mexican government settled for \$500,000. Lamborn asserts. He says his commission under a contract is 25 per cent of the settlement.

CONSTRUCTION HOLDING ITS OWN STATISTICS PROVE

Construction operations, showing a zest that is remarkable at this period of the year, are abreast of the volume of activities reported for the early weeks of the record-breaking year of 1927, according to statistics just compiled by the Associated General Contractors of America.

The volume of all types of construction work performed during January and February of this year is equal to the corresponding total recorded for last year. This condition largely is the result of last month's record-breaking activities which reached a volume topping the highest previous February mark, established last year.

Figures covering actual shipments of basic construction materials were used in making the computations, it was stated.

A scale which places the 1913 average at 100 as its basis, shows the February volume of operations to hold the index level of 121. This represents a one point decline from the January mark. February, 1927, saw a drop of 7 points from the mark held by the preceding month. The corresponding decline in 1926 was one of 20 points.

Indication that construction operations will have a running start in entering the mid-summer season is found in the large volume of contracts recently awarded. This volume in January was the second greatest ever registered for that month of any year on record, being 10 per cent greater than the corresponding total for January, 1927, though slightly below the peak figure established during the first month of 1926.

PRODUCTION OBSTACLES OF 1928

The millstones of competition grind, but their grinding is a challenge to management to prove itself worthy of its right to leadership, according to Magnus W. Alexander, in *Factory*. In his article, Mr. Alexander, who is president of the National Industrial Conference Board, Inc., says that our present industrial revolution and reorganization is management's answer. This renaissance is largely due to keen competition which is forcing business men everywhere to sense the

realities of our economic situation. The competition, which Mr. Alexander says is the despair of shortsighted industrialists, will cause rejoicing in the long run. Obsolete plants and equipment, inadequately trained labor supply, and ignorance of fundamental economic principles will take their toll from tomorrow's balance sheets. Competition is giving rise to carefully watched production plans, progressive, as well as aggressive, selling policies.

The St. Francis dam which recently burst and flooded the San Francisco Valley in California, was constructed by the city of Los Angeles by the employment of day labor and no contractors were engaged or consulted, the Associated General Contractors of America charged in a resolution adopted at its annual meeting in Chicago March 19. The resolution was adopted as an answer to an editorial criticism in a recent issue of the *Stockton, Calif., Independent*. The newspaper was quoted as saying in part: "If faulty or inferior construction is to blame, the matter should be made public to warn against further tragedies at the price of conscienceless contractors and builders."

When the International Benjamin Franklin Society carries out its plan for a temple of peace in New York to honor Franklin's memory, the Woolworth Bldg. no longer will be the tallest in the world. The temple will rise skyward 800 to 850 feet. The Woolworth Bldg., completed 13 years ago, is 792 feet high. The Franklin memorial will have 75 stories of which three will be devoted to a museum of Frankliniana, an auditorium and offices of the international society. The other 72 stories will be rented for offices.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

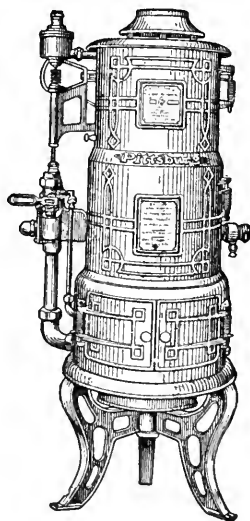
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903 904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

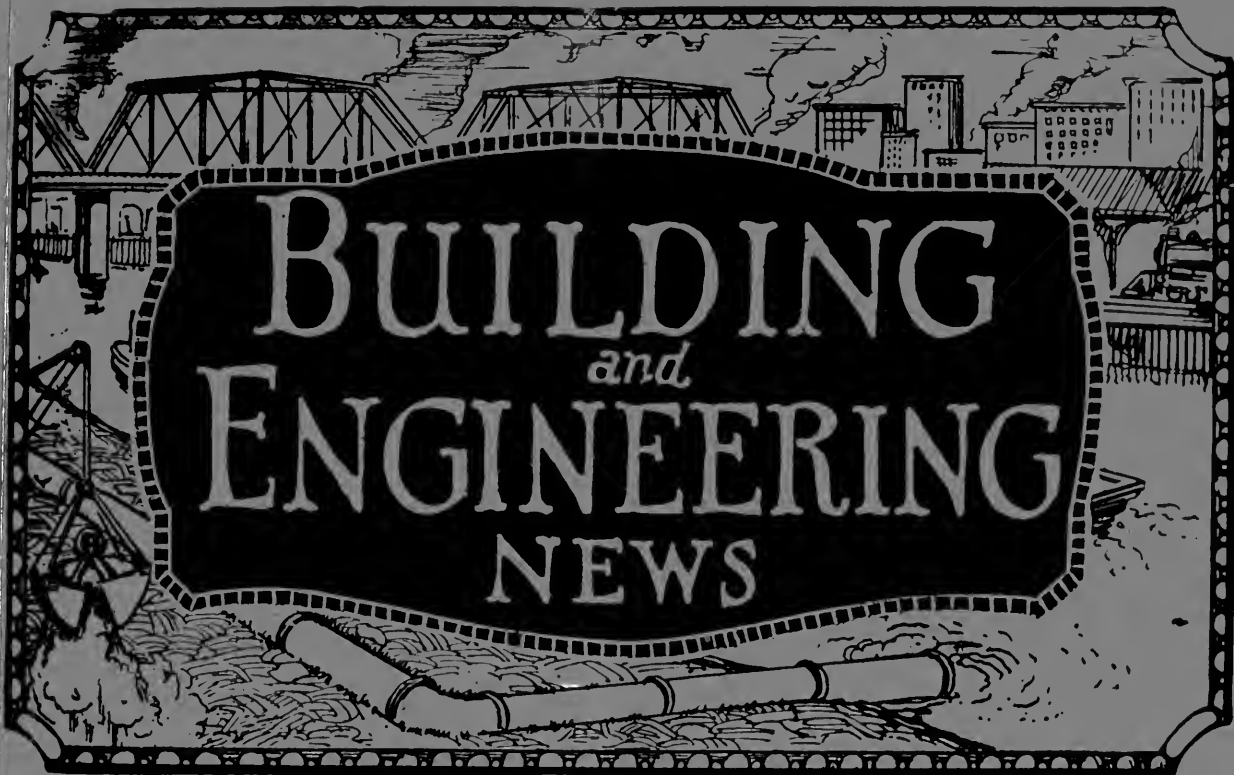
STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., MARCH 31, 1928

Twenty-eighth Year, No. 13
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, Vice-President and General Manager



1928 EDITION

San Francisco Building Laws Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

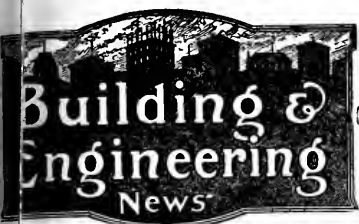
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., MARCH 31, 1928

Twenty-eighth Year, No. 13



47 MISSION ST., SAN FRANCISCO
Kearny 1252

TARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

ARCHITECTS SEEK TO ENFORCE ACT REGULATING PRACTICE

A committee recently appointed by the Northern California Chapter, American Institute of Architects, to further the organization of a temporary association to promote the enforcement of the California "Act to Regulate the Practice of Architecture" recommends organization of "The State Association of California Architects" whose temporary officers will be the members of the ways and means committee appointed, and which association shall include in its membership all certified architects in the northern district.

The objects of this association shall be:
—Primary Object—"As a measure of public welfare to promote the uniform enforcement of the State Act to Regulate the Practice of Architecture."

—Secondary Objects—(a) In the public interest to ultimately improve the State Act to Regulate the Practice of Architecture; (b) To establish closer relations with the general public; (c) To raise the standards of architectural design and construction.

As the first activity of the association, the committee is suggesting to the State Board of Architecture possible immediate ways and means by which the present state law may be more effectively and uniformly enforced. In addition, the committee is now actively drafting a constitution and by-laws for a permanent association to be governed by a board of governors, consisting of one representative from each congressional district. This will be completed without delay, and a meeting will be called of all architects in the state to vote upon the constitution which this committee will propose. Prior to this meeting a conference will be held with architects in the southern district of California.

The committee submitting the recommendation consists of Mark T. Jorgensen, chairman; William I. Garren, secretary; Chester H. Miller and Ralph Wyckoff.

MIAMI CITY COMMISSION BARS FOREIGN CEMENT

Use of foreign cement in the construction of streets in Miami, Fla., has been prohibited by the Miami city commission until the imported cement can satisfactorily pass a 28-day strength test. Welton A. Snow, city manager, informed the commission that the last test of foreign cement after a 28-day test showed it to be 1.8 per cent below standard, although the 7-day test showed conformity. It was the opinion of commissioners that a thorough local test of cements was important and that conformity with foreign standards should not be deemed sufficient.

The City Commission of Miami, Florida, passed the following resolution on February 9, 1928:

WHEREAS, it appears in the interest of sound and economic public policy, that the public monies of the city should only be used in the purchase of American made products on public work whenever such American made products come into competition with foreign materials, and specifically that Portland cement should always be required in the public work of the city of Miami; NOW, THEREFORE,

BE IT RESOLVED by the City Commission of the city of Miami, that in the future, and until the further order of the Commissioners, no contract involving public improvements in the city of Miami, or the expenditure of the funds or monies of the city of Miami, shall be made by the City Commission, or by any of its officials having authority to contract for and on behalf of the city, unless said contract shall specify the use of American made products in the subject matter whenever the same is found to be in competition with foreign material.

The action by the Miami City Commission is the culmination of a year of effort on the part of the Cement Information Bureau to bring about this result.

TRADE UNIONS SEEK TO SOLVE UNEMPLOYMENT PROBLEM

Various methods are followed by American trade unions in their attempts to meet the problem of unemployment among their members. In a discussion in the March issue of the Monthly Labor Review, of the measures aiming at a solution of the problem which are taken by the different labor organizations, it is stated that these measures may be classified into those tending to prevent the occurrence of unemployment and taken to alleviate the effects of unemployment when it occurs. The means employed for the prevention of unemployment include restriction of membership in the union, insistence upon the equal division of work among the regular workers, and the limiting or prohibiting overtime, while for union members out of a job an employment office or an information service is maintained by several national organizations, and nearly all local follow a consistent policy of finding jobs for members. Unemployment benefits are paid by three national organizations, many others exempt their members from dues while unemployed, and still other organizations have resorted to unemployment insurance.

CITY PLANNING BEING ADOPTED IN MANY CITIES

As a measure of recent civic accomplishment the Civic Development Department of the Chamber of Commerce of the United States calls attention to the fact that 409 cities and towns in this country now have official city planning commissions. It summarizes in its report the methods followed and procedure adopted.

Despite this sudden revival of city planning, John Ihlder, manager of the department, calls attention to the fact that it is as old as the city of Washington. "When we say our present interest in city planning goes back some 15 or 20 years," he says, "we do not mean that city planning in America began only 20 years ago. Some of the earliest settlements, Philadelphia, Savannah, Williamsburg, were carefully planned by their founders. George Washington's determination to have an adequate plan for the Federal City which bears his name, was not due to theory but to experience with the capital of his state, with the temporary capital of the nation, which he probably contrasted with certain unplanned cities.

"The plan of Washington, despite the ridicule heaped upon it by those who could not look forward a century, had its contemporary effect in Buffalo, in Detroit. But then followed a period of lack of vision until some twenty years ago, when, partly due to the World's Fair in Chicago, partly due to our increasing ability to criticize ourselves, interest in city planning had a new birth."

BRITISH ARCHITECTS PROPOSE STANDARD BUILDING CONTRACT

A new standard form of building contract has recently been proposed by a joint committee representative of the Royal Institution of British Architects, the Surveyors' Institution, and the Federation of Building Trade Employers and the Institute of Builders. The advantage of standardizing forms of building contracts, of which many thousands are drawn up every year, says a London architectural magazine, is obvious. The difficulty has hitherto been in fixing the relative responsibility of the architect and the builder. The building contractor objected to the sole arbitrament of the architect, while the latter carries all the responsibility to the building owner for the fulfillment of the specifications. This difficulty has been overcome by giving the builder a right of appeal, in any matter of dispute between him and the architect, to an independent arbitrator. The new form of contract, also, goes far to meet requirements rendered necessary by modern changes in methods of construction, for which old forms of specifications are practically useless.

According to Engineering News-Record, New York, the number of contracts awarded during January and February, 1928, exceed those awarded last year by 4.6 per cent. This confirms the increased activity in the construction industry as measured by value of contract awards and value of contemplated projects given in last week's issue. The number of contracts for engineering construction projects this year and a year ago were:

	1928	1927
January	670	655
February	639	597
Total	1309	1252

REFUSAL TO FURNISH BUILDING PLANS UPHELD BY COMPTROLLER GEN.

The Comptroller General of the United States, J. R. McCarl, has sustained the action of the Acting Supervising Architect of the Treasury in refusing to furnish plans and specifications for the superstructure of the new Department of Agriculture building, to a contractor who did not comply with a request for satisfactory proof of his qualifications to execute the contract.

Mr. McCarl said, however, in his ruling which was made public by the Treasury Department on March 22, that "there is no absolute right to make invitations to bids dependent on the proposition of a showing as to the financial status of the bidders, technical ability, equipment and organization."

The Comptroller General did not rule directly on other points about which the Treasury inquired in connection with its authority to award contracts to other than the lowest bidders when such low bidders were not satisfactory. The full text of Mr. McCarl's ruling follows:

The Secretary of the Treasury: I have your report of March 11, 1928, with respect to the objections made by the English Construction Company as to the refusal of the Acting Supervising Architect of the Treasury Department to furnish them with plans and specifications for the superstructure of the Agricultural Building, in order that they might submit a bid in connection therewith. It appears that the advertisement for bids stipulated that:

"Proposals will be considered only from individuals, firms or corporations possessing satisfactory ability, equipment and organization to insure speedy completion of the contract, and who have established a record for expedition on contracts of similar character and magnitude."

This advertisement did not indicate that before receiving a set of the plans and specifications for the building any information as to the financial standing or experience of the proposed bidder would be required, but it is understood that the Acting Supervising Architect of the Treasury Department, in response to the request for plans and specifications, called attention to the extract from the advertisement for bids quoted and further said:

"You are requested to submit without delay a statement as to your resources and organization, with a list of construction contracts, each amounting to approximately \$1,000,000, that you have completed satisfactorily and expeditiously within the past three or four years. The list must indicate the character of the work, amount of contract, contract time for completion, and the time in which the work was actually completed. If the information submitted is satisfactory the plans and specifications will be forwarded you. Please use the attached form to send in any information you may wish to furnish."

Experienced Builders Desirable

The condition is such that if that had been the purpose of the Department it should have been conveyed in the advertisement so as not to unnecessarily subject parties to the making of a request and the Department to the burden of answering, as appears in the present case. I deny that the construction of building bidders' work is no primary technical or craft work excluding all from participation excepting those who are engaged in the business or with adequate practical experience. These are, of course, desirable elements, but as was pointed out in the decision of March 1, 1927, it

Comp. Gen. 557, quoting the second paragraph of the syllabus:

"A bidder is not to be considered as not acceptable because newly organized or organized for the purpose of the work, especially if performance bond is to be exacted. New services may require new organization to be formed, and be in the interest of the United States to thus obtain bidders."

It is, of course, recognized that because of the magnitude of the building work which the government is undertaking, the administrative burden is more than ordinarily heavy, and it is desirable that it be lessened wherever possible, and it may be that having fully competent and experienced builders will give much assurance in that direction, but equally so that the magnitude of the work is sure to attract newcomers into the field and there is no absolute right to make invitations to bids dependent on the proposition of a showing as to their financial status, technical ability, equipment and organization.

You set forth that the conditions were not considered unreasonable by the Department but you have reference only to the conditions which appeared in advertisement and not the conditions which were imposed on a request for the plans and specifications. There does not appear at that time to have been any reason, so far as the advertisement for bids required, to furnish the qualifications on which the plans and specifications were not furnished to this construction company.

You further set forth that it is evidenced the action of the Department is not considered "unreasonable or improper by the contractors as a whole as evidenced by the fact that the Department received 20 bids on this work and that the only concern which insisted on a right to bid though failing to furnish the qualifications, is the English Construction Co."

There appears nothing specially for objection by this office in view of these facts showing substantially competitive bidding, but the incident which arose is for the consideration of the Department in its future action as tending to show dissatisfaction with the public and as having a tendency to exclude prospective bidders and limit the competition to established organizations, which likewise has a tendency to suggest favoritism.

SOUTHERN CALIFORNIA CHAPTER, A. G. C., ELECTS OFFICERS

Ford J. Twaits, vice president of Scofield-Twaits Co., was unanimously elected president of the Southern California Chapter, Associated General Contractors of America, at the annual election of officers. Edwin A. Irish was elected vice president, and George Hess, secretary-treasurer. J. H. Hall was elected treasurer emeritus.

Contractors elected to serve on the executive board, in addition to retiring president, C. E. Bressley, were: J. C. Edwards, C. E. Green, Harvey R. Field, Harold B. Crowell and Ralph E. Hommann. Directors re-elected to the executive board were: K. R. Bradley, K. P. Lowell and Chas. U. Heuser.

Melville Dozier Jr., manager of the Chapter, and Pecos H. Calahan, engineer, were re-appointed to their positions as was Robert E. Boyd, editor of the California Constructor, a semi-monthly magazine owned and published by the association.

EMPLOYMENT SERVICE ENGINEERING SOCIETY

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 7, 57 Post Street, San Francisco, (Phone Sutter 1684).

K-10-X-3915-C-S DIRECTOR, for vanishing sheet factory. Must be experienced and with technical knowledge in the manufacture of black sheet to the galvanized finished product. Apply by letter, stating your work on this kind of manufacture and the names of the concern. Headquarters, New York City. Location Mexico. Salary open.

X-1462 SALESMAN, to travel parts South America, to visit trade interests of waterproofing and preservative compounds, technical paints, surfacing material, etc. Must have knowledge of Spanish or Portuguese. Company offers all necessary facilities for trading, as well as generous compensation, and opportunity for permanent connection. Headquarters, New York City.

R-1552-S SALES ENGINEER, preferably technical graduate, about 35 years old with sales and construction experience to estimate and detail structural steel and ornamental iron work for fabricating shop. Some travel. Apply by letter with references and photo. Salary about \$250 to start. Location Middlewest.

R-1553-S STRUCTURAL DESIGNER, first class, familiar with both structural steel and reinforced concrete factory and industrial building construction. Salary open. Location San Francisco.

K-38-X-447-CS SALES ENGINEER, about 30, technical graduate and structural engineer to develop the sale of steel roof decking. Must be trained in roofing and especially in insulating material. Will be required to travel to headquarters at own expense. 1 month special training before being assigned to a territory. Salary \$2000 a month plus expenses while traveling. Apply by letter. Location Middlewest, East and South.

R-1551-S DRAFTSMAN, familiar with shop practice in manufacturing structural furniture for detailing shop cutting drawings and general drafting. \$2000 a month. Apply by letter. Location Middlewest. Permanent.

EMPLOYMENT ON INCREASE—HIGHER MATERIAL PRICES CITED

Employment and activity in the manufacturing industry of the United States have been on the increase since November, 1927, according to the Jan., 1928, returns from 2000 manufacturing plants reporting to the National Industrial Conference Board. The decline during 1927 amounted to 3½ per cent for the entire year. Despite the decrease in employment, the average weekly earnings per worker employed in January, 1928, were the same as in January, 1927, and a third higher than in January, 1926. Average hourly earnings per worker, which reflect the rate of pay for work performed to a greater degree than do weekly earnings, were in January, 1928, more than 2 per cent higher than in January, 1927. This indicates that declining employment in contrast with the experience of pre-war times, has not brought with it an general wage reduction.

Higher prices of building materials are reported as follows: common brick New York, up \$1 to \$16@19, delivered wood lath, New York, up \$1 to \$9.50@10; Douglas fir in Seattle, up \$2 to \$2 for 3x12 in. x 20 ft.; linseed oil in Atlanta and Chicago, up ¾c per 7½-lb.

CHAS. PETER WEEKS, NOTED S. F. ARCHITECT, PASSES TO GREAT BEYOND

Charles Peter Weeks, distinguished San Francisco architect whose creations in steel and stone are to be found in places throughout California, was found dead in bed March 25 at his home at the Rockbank apartments, Sacramento and Mason streets, San Francisco. Death was due to a malady from which he had been suffering for a number of years and for which he had been under the care of a physician for many months.

Mr. Weeks was a member of the firm Weeks & Day, architects for some of San Francisco's most imposing structures, notably on Nob Hill and including the Hotel Mark Hopkins, the Huntington, the Brocklebank, and the Cathedral apartments in that district.

Weeks' Firm Made Designs for Chronicle Building

Weeks & Day were the architects for the present Chronicle building at Fifth and Mission streets, a structure that has been much praised for its technical excellence and suitability to its purpose, as well as for the beauty of its design. The Gothic clock tower of the Chronicle building is regarded as a particularly beautiful conception.

Mr. Weeks was born in Ohio, and after attending the university in his native state, went to Paris to study architecture at the Ecole des Beaux Arts. After his graduation in Paris he became associated with John Galen Howard in New

York. He came to California in 1907, and a few years later formed the firm of Sutton & Weeks. After the dissolution of this firm, Weeks formed a partnership with W. P. Day, and the present firm of Weeks & Day was instituted.

Many Cities in California Graced by His Architecture

Some of the out-of-town structures which Mr. Weeks helped to design were the new State buildings at Sacramento, the Ste. Claire Hotel in San Jose, the Loew's State Theatre and office building in Los Angeles, and some of the buildings now under construction upon which he worked just prior to his death include the new hotel at Sutter and Powell streets and the Duffwin Theatre and the new West Coast Theatre in Oakland.

Mr. Weeks was 57 years of age. He was a Mason and a Shriner, and was architect for the Shrine Hospital for Crippled Children. He was a member of the American Institute of Architects, the Commonwealth Club and the San Francisco Golf and Country Club. Sketches drawn by Weeks won first prize in one of the preliminary competitions for the suggested designs for the new House of Parliament buildings for Australia in 1924.

Funeral arrangements are being held in abeyance pending the receipt of advices from relatives in the East, who were notified by wire of his death.

ALONG THE LINE

Delger Trowbridge, Oakland attorney, has been named a member of the California State Industrial Accident Commission by Governor C. C. Young. Trowbridge succeeds J. E. Olmstead of Petaluma, resigned.

A. A. Baxter, 65, pioneer in the Douglas fir industry on the Pacific Coast and vice-president of the Douglas Fir Exploitation and Export Company, died at his home in Berkeley March 25 from heart disease.

Wm. Arthur Newman, Pacific Coast representative for the office of the Supervising Architect, Treasury Department, Washington, D. C., left San Francisco for Honolulu on March 24. Considerable Federal Government work is planned at Honolulu. Mr. Newman will probably be gone for thirty days.

Announcement is made by Professor F. H. Eno, Chairman of the Executive Committee of the Highway Research Board of the National Research Council of the appointment of Mr. Roy W. Crum of Ames, Iowa as Director of the Board, effective April 1, 1928.

John McCool, architect, formerly located in the Hearst Bldg., has moved to 381 Bush St., San Francisco.

Arrangements are being completed for the ninth annual dance of the Engineering Society of the Santa Clara University, to be held at the Vendome Hotel, San Jose, April 14.

ERROR IN CLASSIFYING BURNT CLAY CORRECTED BY CUSTOMS BUREAU

The Bureau of Customs, Department of the Treasury, in a ruling announced March 21, established the classification of burnt clay as dutiable at 20 per cent ad valorem under paragraph 214 of the Tariff Act of 1922.

Following is the full text of the order, in the form of a letter addressed to the Appraiser of Merchandise at Philadelphia and circularized to all customs officers:

The Department is in receipt of a communication from the supervising agent in charge, Customs Information Exchange, dated January 11 last, inviting attention to a variance in practice between your office and that of the appraiser at New York in the classification of burnt clay, you returning it for duty at \$2 per ton under Paragraph 207, and the appraiser at New York at the rate of 30 per cent ad valorem, under Paragraph 214 of the Tariff Act of 1922.

You state that the merchandise is ground burnt clay and falls squarely within the provision in Paragraph 207 for clay, manufactured, not specially provided for, whereas the collector of customs at New York expresses the opinion that the provision in Paragraph 207 is not intended to apply to articles such as are manufactured from clay, and only to clay manufactured and unmanufactured, and cites in support of his position the decision of the Board of General Appraisers (now the Customs Court) T. D. 35915, holding that brick rubble is dutiable as an earthy or mineral, under the Act of 1913, corresponding to Paragraph 214 of the present Tariff Act.

Following the decision cited, the Department is of the opinion that the burnt clay in question is properly dutiable at the rate of 20 per cent ad valorem under Paragraph 214.

MADERA SUGAR PINE LUMBER COMPANY FACES SUIT

Suit has been filed in the Superior Court at Mariposa by Harold Rogers, against the Madera Sugar Pine Company, and others for \$51,552.28. Rogers was employed as an assistant superintendent by the Englehardt Paving & Construction Company in the construction of a railroad grade on Signal Peak for the Madera Sugar Pine Company, in July of last year, Rogers and a number of other men were engaged in testing a new explosive which was to be used for blasting purposes. It is claimed that due to carelessness, there was a premature blast, as a result of which he was seriously injured, and he now asks damages from the company. He was in the hospital for forty days, and a large part of one of his feet was amputated.

CONSULTING ENGINEERS TO AID IN SURVEY OF STORAGE DAMS

The Secretary of the Interior, Dr. Hubert Work, announces appointment of two consulting engineers to work with those of the Bureau of Reclamation in examination of various storage and diversion dams in the West. These engineers are A. J. Wiley of Boise, Idaho, and D. C. Henny of Portland, Oregon.

The statement in full text follows: Mr. Henny, who is a Hollander by birth, has been in the American West for 40 years, engaged in railroad, irrigation and power development work. At one time he was supervising engineer for the Bureau of Reclamation in charge of the projects of the northwest district. As such he built some half dozen of the big Government dams.

Mr. Wiley has been a pioneer in irrigation and power development and has superintended many of the great development enterprises of the West. He has but lately returned from India, where he went on assignment from the British Government to report on a number of storage and irrigation projects.

26,618 KILLED IN 1927 HIGHWAY ACCIDENTS—INCREASE OVER 1926

Highway accidents took a toll of 26,618 lives during 1927, the American Road Builders Association stated recently. The estimates made public include serious injury to 798,700 persons and an economic loss for the year totaling \$672,097,000. The economic loss does not include minor damage to motor vehicles or accident insurance premiums.

The highway accident figures are based on an increase of 5.2 per cent over 1926. The American Road Builders' Association reported 25,302 persons killed in that year, in addition to 759,500 seriously injured. The increase of 5.2 per cent was shown in a progress report assembled by the Bureau of Census.

Grade crossing fatalities show a decreased for the first eleven months of 1927 the number of persons killed totaling

2120 as compared with 2244 for the same months of 1926. Grade crossing fatalities in 1926 had increased from 2206 in 1925. The continued increase in the number of highway accidents has caused the American Road Builders' Association to renew its efforts toward bringing organizations interested in the problem into closer co-ordination.

"The unfortunate increase in highway accidents makes imperative an immediate adoption of uniform traffic codes, and an expansion of the nation's road building programs," officials of the association declared. "The human factor is the main element contributing to these accidents, but the human factor could to a large extent be offset by adequate motorizing facilities and regulations, coupled with the individual practice of courtesy and caution."

THE OBSERVER



What He Hears
and Sees
On His Rounds

For a group of the construction industry the change is hard, according to reports that Gen. R. C. Marshall, Jr., Washington, D. C., war-time chief of army construction is to resign his position as general manager of the Associated General Contractors of America, a post which he has held for eight years. His move will bring D. A. Garber, leading New York builder and construction expert of many years' experience, as Gen. Marshall's successor. Mr. Garber is severing connections with the North-Eastern Construction Co., New York, a construction business headed by him since 1901, to make the change. Gen. Marshall is resigning to become president of the firm of Sumner Solitt & Co., Chicago, one of the country's foremost construction firms, in continuous operation for five generations. The change will be effective May 1.

The toll bridge, commonly regarded as a relic of earlier days, has graduated into the field of big business in these days of many automobiles. The Chicago Motor Club declares that highways are being commercialized by an ever-increasing number of privately owned toll bridges. Many of the structures, it is declared, earned their owners as much as 300 per cent a year on the original investment and earnings of 40 to 150 per cent are said to be comparatively common. Toll bridges in operation in the country at the beginning of the year numbered 275, of which 191 were privately owned. The club's research showed 29 such structures under construction and 163 more proposed.

By an order recently entered in Investigation and Suspension Docket No. 3082, the Interstate Commerce Commission suspended from March 17, 1928, until October 17, 1928, the operation of certain schedules as published in Supplement No. 1, C. C. No. 892. The suspended schedules propose to restrict the application of intermediate rules on lumber between points located principally in Pacific Coast States, so that the joint through rates to more distant points will not apply to any point within the switching limits of the junction (intermediate) point at which the traffic is interchanged by the carriers parties to such joint through rates.

During the first 29 days of March, 1928, Los Angeles city building department issued 2371 permits with an estimated valuation of \$7,982,238 as compared with 2285 permits with an estimated valuation of \$6,332,314 issued during the corresponding period in March of last year. For the first 29 days of February, 1928, the number of permits issued was 2120 and the estimated valuation was \$5,107,330. For the current year up to and including March 29 Los Angeles' building total was \$22,539,657 as compared with \$22,036,117 for the corresponding period in 1927.

Associated Press dispatches dated Mar. 25 from Budapest announce a district court has imposed a small money fine or six days' imprisonment on Joseph Vago, charged with representing himself to be an architect and designing public buildings without possessing an architect's diploma. Vago was one of four victorians defeated in a competition with foreign architects to design League of Nations to be built in Geneva. A new \$5,000,000 palace at the League of Nations is to be built.

Annual convention of the American Oil Burner Association will be held in the Hotel Stevens, Chicago, April 3, 4 and 5.

President Coolidge has designated the week of April 22-28 as American Forest week and will broadcast a message between 8 and 8:30 P. M., April 23 from WRC, Washington.

New orders for fabricated steel plate in February, based on reports received by the Department of Commerce from 51 firms, were 62.1 per cent of capacity, as compared with 44.8 per cent in January and 74.2 per cent in February, 1927.

Pacific Lumber Co. of Scotia, Humboldt county, seeks authorization of State Department of Public Works, Division of Water Rights, to appropriate waters for use in connection with a proposed 150-ton pulp and paper mill at Scotia. The company proposes to utilize the waste redwood from its woods and mills that is now being burned.

The first national materials handling meeting ever arranged will take place in Philadelphia on April 23 and 24 at the Hotel Benjamin Franklin under the auspices of the Materials Handling Division of the American Society of Mechanical Engineers. Materials handling in its various phases will be considered by speakers of national prominence.

Pacific Coast Cement Company, planning construction of a \$3,000,000 cement manufacturing plant at East Marginal Way and Spokane St., Seattle, Wash., has let a contract for piling in connection with the plant for which a 19-acre site is available. Machinery for the plant has been purchased according, according to Major S. E. Hutton, chief engineer for the company.

A committee of architects, headed by D. Everett Waid, and composed of several members of the New York Chapter of the American Institute of Architects, is planning a nation-wide study of health and safety in the building industry. Members of the committee in addition to Mr. Waid are William P. Bannister, Lansing C. Holden, William H. Beers, S. R. Bishop, Theodore I. Coe and Rudolph P. Miller.

Fresno City Commissioners are considering adoption of the uniform building code as prepared by the Pacific Coast Building Officials' Conference. A meeting of the commission will be held April 5 to consider the law. Members of the Industrial Committee of the Fresno Chamber of Commerce, Fire Marshal W. Ralph Williams and City Building Inspector James Anton will confer with the commission regarding adoption of the law.

M. L. Mammen of the Hammond Lumber Company, was elected president of the Lumbermen's Accident Prevention Association at the regular annual 3-day meeting of that body in San Francisco. Sessions were held in the State Building. J. H. Singer of the Sugar Pine Lumber Company was elected secretary and W. T. Boyd, of the Pacific Lumber Company, treasurer. Arrangements were made for holding a plant meeting in June, for investigating working conditions among lumbermen. The next annual meeting of the association will be held in San Francisco next February.

An involuntary petition in bankruptcy has been filed in the United States District Court, San Francisco, against Arthur James Cavaney, proprietor of the Domestic Engineering Company. Petitioner's creditors were Preferred Oil Burners, Inc. of Peoria, Ill., \$3585; Leo J. Meyberg Co. of San Francisco, \$3314, and the Electric Corporation of Los Angeles, \$702.

There are 12,752 building and loan associations in the United States, with approximately 13,000,000 members. Their total resources are \$7,065,000,000, which is somewhat more than the entire capital resources of all the national banks. In the year 1927 the sum of \$2,300,000,000 was invested by them in first mortgages to 639,000 individuals.

Conference of the California City Managers' Association will be held in Monterey next month, according to R. M. Dorton, city manager of that city. Some 15 city managers from various parts of the state are expected to attend, including John Eddy, city manager of Berkeley and president of the International Managers Association. Two days of business sessions and a golf tournament are on the tentative program for the meeting.

The construction of an international highway, linking the United States with Central South America, is provided for under the terms of a bill introduced in the Senate by Senator Tasker L. Odde of Nevada. The purpose of the highway would not only be for better highway facilities and communication between the countries, but would be conducive of good will, Senator Odde declared in introducing the bill.

Automobile registration during 1927, totaled 23,125,000 cars and trucks according to figures compiled by the National Automobile Chamber of Commerce. Comparing the registration to the miles of surfaced highways, the figures show that there are 40.2 cars and trucks in the United States for every mile of surfaced road.

The Michigan State Highway Department has announced to highway road and bridge contractors that the department now requires surety bonds on all contracts, the face value of which is in excess of \$10,000. This action was taken for the purpose of establishing a uniform basis for bidding on highway road and bridge projects, and to properly secure the construction and payment of lien claims.

An effort to have the five-day week put into effect in all state offices and on all state work will be made at the next session of the California legislature by the State Building Trades Council of California. The council unanimously endorsed the five-day week at its 28th annual convention in Petaluma which closed March 24.

Frank C. McDonald of San Francisco was re-elected president of the California Building Trades Council at the recent annual convention in Petaluma. M. J. Connors, Sacramento, was re-elected secretary-treasurer and A. O'Grady, San Francisco, was elected as representative on the general building trades council. San Francisco was chosen for the convention city in 1929.

TRADE NOTES

Jesse Raphael will operate from 4249 California street, San Francisco, under the firm name of Sunset Window Shade Manufacturing Co.

Tobey Christiansen, formerly co-partner with the C. & R. Sheet Metal Works of Oakland, is operating his own sheet metal business at 4279 Piedmont ave., Oakland.

Henry E. Albach will operate from 350 Ocean Ave., San Francisco, under the firm name of Western Grading & Truck company.

Boorman Steel Co. has leased 93,475 square feet of property in Eighth street near Fallon street, Oakland, and will erect a distributing warehouse. George W. Boorman is president of the company.

Rock crushing plant of the Blue Diamond Rock Co. in Temescal Canyon, 7 miles from Corona, was destroyed by fire March 24 throwing 300 men out of work. The plant had a daily capacity of 4000 tons. The loss is estimated at \$100,000.

Don Dickinson, formerly with the Sterling Lumber Co. of Santa Rosa, has become associated with H. C. Mack in the building material business at Santa Rosa and will operate under the firm name of Mack & Dickinson.

P. C. Hansen Lumber Co. will erect a \$10,000 warehouse on the Southern Pacific frontage in First street in Niles, Alameda county.

Marysville Sand Co. has purchased 30 acres of land in the Yuba river at Marysville from Lucien D. George and Byron B. Divver. Increased business, company officials report, warranted the purchase of additional properties.

Pacific Rock Co. of Wilmington, Del., has filed articles of incorporation in Oakland. The company is capitalized for \$40,000. Directors are: T. L. Croteau, T. L. Fray and E. B. Stauffer, all of Wilmington.

Collins Electric Co., operated by W. J. Collins and A. J. Sanguinetti, has opened quarters at 708 East Market street, Stockton, and will carry a complete line of electrical fixtures and equipment. Collins was for five years chief electrician for the National Paper Products Co. Sanguinetti has been in the electrical business in Stockton for several years.

Swanson Uhl Wall Paper & Paint Co. of Oakland, capitalized for \$50,000, has been incorporated. Directors are: Helmer C. Swanson, Adolph Uhl, George Uhl, Audrey I. Swanson and Emile A. Pierre.

J. A. Clark, for the past five years engaged in the building business at Elmhurst, has opened quarters at 1420 Thirty-eighth Ave., Oakland, operating under the firm name of Sun Roofing Company, and will specialize in Johns-Manville roofing products, including asbestos shingles, asphalt shingles and built-up roofing.

Machinery for the new wire specialty department of the Columbia Steel Corp. at Pittsburg, Cal., has arrived and installation will be started at once. Equipment comprises machinery for the manufacture of wire netting, wire hoops, tie wire, and bale ties. It is expected the new department will be operating at full capacity on April 15.

Berkeley Supply Co., 2061 University Ave., Berkeley, has been appointed Northern California representatives of the A. Flanagan Co. of Chicago, manufacturers of blackboards, school and church furniture.

Mitchell-Tappen Co., 15 John St., New York City, has published a pamphlet describing its metal caging for reinforcing the concrete incasement of beams and columns. The pamphlet presents in tabular form the necessary information for ordering metal caging for different sizes of channel, I and H sections. In addition, complete information is given on the method of applying the metal caging.

Frank G. Lukey, formerly Western manager for A. Milne & Co., New York City, has resigned to become associated with the Ziv Steel & Wire Company of Chicago, as district manager in San Francisco.

Traffic Department of the Oakland Chamber of Commerce has obtained a new railroad freight rate on wire fencing and wire cloth which will permit the shipment of 30,000 pounds of wire cloth to Southern California at the carload rate instead of less than carload rate. Before, the minimum weight of wire cloth that could be shipped south at the carload rate was 40,000 pounds. Oakland wire plants have been gradually losing their foothold in Southern California because of this situation. The new rate corrects this.

Paul W. Beggs, Portland engineer and manufacturers' representative, has been appointed representative for the West Coast steel heating boilers, manufactured by the Steel Tank & Pipe Company, for the Oregon and southern Washington territory. Beggs is Portland representative for the following manufacturers of heating and ventilating equipment: Warren, Webster & Company, Western Blower Company, Nash Engineering Company, The Fulton Syphon Company, Patterson-Kelley Company, Boylston Steam Specialty Company, Dean Hill Pump Company and Staples &

Coffman, Sahlberg & Stafford, architects and engineers, with main offices in the Plaza Bldg., Sacramento, announce the opening of branch offices in the American Trust Bldg., Richmond. In Contra Costa county the firm recently completed additions to the San Pablo Grammar school and the Vine Hill Grammar school. The Richmond offices will be in charge of John Stafford.

City Housing Corporation, capitalized for \$500,000, has been incorporated with the principal place of business in San Francisco. Directors are: K. H. Gates,

ELECTRICAL INSPECTORS TO MEET IN SACRAMENTO IN OCTOBER

Following the election of new officers and the decision to hold another convention in October in Sacramento, the three-day convention of the California Association of Electrical Inspectors was brought to a successful close at Santa Barbara, March 25.

Carl Beaton of Sacramento was elected president and A. E. Johnson of San Diego, vice-president. C. W. Mitchell of Los Angeles was named secretary. Executive committee members chosen were: F. A. Morrell of Stockton, Cyrus Guishush of San Francisco and W. R. Franklin of Los Angeles.

The officers elected will serve until the date of the next convention.

At the close of the final business meeting members in attendance expressed themselves as well pleased with the reception they had received in Santa Barbara and with the wealth of information they had gleaned from the speeches given on the convention floor in the Chamber of Commerce Building.

HERE — THERE — EVERYWHERE

Following up a resolution adopted by the State Legislature, the State Board of Control of Texas is taking steps to construct and operate a state-owned cement manufacturing plant. The State Prison Commission proposes that the plant be operated by convicts.

Master plumbers from Watsonville, Santa Cruz, Salinas, Pacific Grove, Monterey, Hollister and Gilroy, met in Hollister March 24 where a dinner meeting was held in the Pendergrass Hotel. A brief business meeting covering matters of interest to the trade was held before the dinner. Guests from San Francisco and Los Angeles were present.

The following were elected directors of the Napa Builders' Exchange, at the annual meeting held March 21: E. W. Doughty, Fred Jaekle, F. A. Pond, Andrew McNair, S. J. Cinnamond, S. H. Wyckoff, Lee Boggs, J. H. Vienop, William Noble, Wade Shiflett and Thos. Jessimen. Three delegates were elected to the state meeting to be held in Stockton late in April. They are Fred Jaekle, S. J. Cinnamond and Lee Boggs.

At the annual meeting of the Fresno Material Dealers' Association, March 21, directors of the organization elected L. L. Walker president and Elmer E. Lord vice president. L. J. Allen was re-elected secretary-treasurer. Frank I. Roberson was re-appointed assistant secretary in charge of field work. Walker served as vice president of the association last year and succeeded B. A. Newman as president. C. M. Wilson and Ben Maisler are members of the board of directors with Walker, Lord and Newman.

S. Lewis Land, in charge of the apprenticeship service department of the Plumbing and Heating Industries' Bureau, will spend most of April in the northwest territory. Land will confer with association leaders and educational executives on the employe training problem and work toward the establishment of classes in northwest centers. His itinerary follows: Eugene, Ore, Apr. 7; Corvallis, April 9; Salem, April 10-11; Portland, April 12-13; Tacoma, Wash., April 14-16; Olympia, April 17; Seattle, April 18-19; Spokane, April 20; Missoula, Mont., April 21; Butte, April 23-24; Great Falls, April 25; Helena, April 26-27; Billings, April 28.

Stockton Chapter, American Association of Engineers, held its annual banquet and installation of officers in the Blue and Gold Room of the Hotel Stockton March 24. Officers installed were J. B. Tyrrell, president; J. E. Lundy, vice president; Norman Powne, secretary-treasurer; O. C. Fursman, Lyle Payton, and Prof. C. L. White, directors. The latter, retiring president, presided until the new president had been inducted.

Jas. P. Jennings, newly elected chairman of the Pacific Coast Lumber Conference, is expected in San Francisco this week. Jennings will maintain headquarters in San Francisco but will be obliged to travel not only up and down the Pacific Coast but also the Atlantis slope. Jennings' chief duties will be to keep the lumber rates committee advised as to all conditions affecting the shipment of lumber. The rate-making committee will be composed of four members and the chairman will have no vote excepting in case of a tie. He will also act in an advisory capacity.

Orders—Inquiries

60
pages
Send
for
FREE Copy

Can be
Secured
by
MAIL



**POLK'S REFERENCE BOOK
and Mailing List Catalog**

Writes counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your **FREE Copy**

R. L. POLK & CO., Detroit, Mich.

Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertisers

WOODLAND, Yolo Co., Cal.—Building Committee of Christian Church is considering plans to remodel the present structure or the erection of a new edifice.

FETER, Tulare Co., Cal.—Materials being purchased by the Exeter Catholic Church for a new brick edifice, 34 by 15 feet, to be erected at the corner of North E and Willow Streets.

Plans Ready For Bids April 2nd.
CHURCH Cost, \$50,000
REO, Washoe Co., Nevada.
One-story reinforced concrete church building with tile roof.

Owner—Trinity Episcopal Church.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 525 Market St., San Francisco.

TURLOCK, Stanislaus Co., Cal.—Neil & Vitrner of Turlock at \$36,862 were awarded the contract by Architect G. N. Hurn, Turlock, for the construction of 1-story frame and stucco church building. It is being erected in Beulah Park, Turlock, for the Mission Congregational Church. The plumbing contract was awarded to Carl Hedman and the electric wiring to Hunt & Ocken, both of Turlock. The contract on the steam heating plant has not as yet been awarded.

HOENIX, Ariz.—Architects Fitzhugh & Myron have prepared plans for \$300,000 church to be erected at Third Ave. and Moore Sts. for First Baptist Church. A campaign for funds will be inaugurated at once and it is expected to commence construction by June 1.

Completing Working Drawings
CHURCH Cost \$40,000
WLEJO, Solano Co., Cal.
One-story brick church building.
Owner—First Church of Christ Scientist.
Architect—Henry H. Gutterston, 526 Powell st., San Francisco.
Plans ready for bids April 2.

WOODLAND, Yolo Co., Cal.—The following bids were rec. by Carelton Pierces, Woodland, for the construction of additions to the parish house situated on Second st., Woodland. Improvements to be made for St. Luke's Episcopal Church and consist of a combined Bible school, hall and social rooms and will be located on the Second street site of the church property: J. G. Matoney, Woodland, \$6180; Brown and Woodhouse, Woodland, \$6400; Del Fenton, Woodland, \$600; E. J. Hollinson, Sacramento, \$6536; C. J. Unger, Woodland, \$6582; J. A. Gould, Sacramento, \$6535. Bids taken under advertisement.

FACTORIES & WAREHOUSES

OAKLAND, Cal.—Until April 2, 4:30 p. m., bids will be received by G. B. Gardt, secty., City Port Comm., 424 Grand Bank Bldg., to erect structural steel frame for Hangar No. 3 at Municipal Airport. Date for bid opening postponed from March 26. Will have contract covering. Contract for foundation work has been let to Triberti & Masaro, 625 44th st., Oakland. Cert. check 10 per cent req. with bid. Plans obtainable from secty., on deposit of \$10, refundable.

CORONA, Riverside Co., Cal.—Rock crushing of Blue Diamond Rock Products Co., in Temescal Canyon, 7 miles from Corona, destroyed by fire March 24. Loss estimated at \$100,000. Site will be cleared at once and new plant constructed.

Contract Awarded
FACTORY Cost \$200,000
SAN FRANCISCO, Twentieth and Florida streets.
One-story reinf. concrete factory bldg.
Owner—City of Paris.
Architect—Fabre & Hildebrand, 110 Sutter st., S. F.
Contractor—H. H. Larsen, 68 Post st.

Leaving Contract Awarded
WAREHOUSE Cost, price \$60,422
SAN FRANCISCO, S Bryant st. E 8th street.
One-story class B warehouse.
Owner—A. J. Glesener Co., 735 Polson.
Architect—Dodge A. Reidy, Pacific Bldg.
Contractor—Fred Moller, 185 Stevenson st.
Leaving—Herman Lawson, 465 Tehama st., \$330.

Sub-contracts Awarded
WAREHOUSE Cont. price \$53,750
OAKLAND, Cal., 1st and Market sts., adjoining present warehouse.
One-story steel and brick warehouse.
Owner—Howard Co., 1st and Market sts., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—James T. Walsh, 608 Woodland, San Leandro.
Brick work—White & Gloor, Monadnock Bldg., S. F.
Plumbing—Scott Co., 243 Minna st., S. F.
As previously reported, structural steel awarded to Moore Drydock Co., ft. of Adeline st., Oakland.
Sub-bids on other parts of the work are now being taken.

Sub-contracts Awarded
PRODUCE BLDG. Cost \$50,000
SAN FRANCISCO, Davidson and Lane streets.
Three-story reinforced concrete produce building.
Owner—Western California Products Co., premises.
Plans by Mission Concrete Co., 125 Kissling st.
Contractor—Mission Concrete Co., 125 Kissling st.
Structural steel—W. S. Wetenhall 17th & Wisconsin sts.
Lumber—Peterson Lumber & Mill Co., 130 Hooper st.
As previously reported, piling awarded to Healy-Tilbitts Construction Co., 64 Pine st.

RICHMOND, Contra Costa Co., Cal.—Pacific Coast Apartment Builders Corp., 736 Clementina St., San Francisco, seeks authorization from city council to erect mill, storage and office quarters in Twenty-first St. near Ohio Ave. As site is in residential district the matter has been referred to City Planning Commission for report.

SEATTLE, Wash.—Togow & Olsen of Enumclaw, Wash., awarded contract by Pacific Coast Cement Co., to furnish 55,000 ft. of piling in connection with foundations and machinery installations for \$3,000,000 cement plant to be constructed on 19-acre site at East Marginal Way and Spokane St. Bids for driving piles will be asked at once. Equipment for the plant has already been purchased, according to Major S. E. Hutton, chief engineer for the cement company.

RICHMOND, Contra Costa Co., Cal.—Special committee has been appointed by city council to confer with officials of Eldorado Oil Works to ascertain what that concern desires in the way of harbor improvements and concessions necessary to establishing a plant on the west side of the inner harbor.

OREGON CITY, Ore.—Hawley Pulp & Paper Co. (W. P. Hawley, president), will rebuild present plant and install new equipment at a cost of \$3,000,000. The construction program will extend over a 3-year period.

VERNON, Los Angeles Co., Cal.—Announcement has been made by Richard D. Hebb of Chicago that Swift & Co., meat packers, have purchased \$200,000 site at Vernon and will erect large packing plant.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

MONTEREY PARK, Los Angeles Co., Cal.—Until 8 P. M., April 9, bids will be received by city to erect reinforced concrete pump house, 26x38 ft., and a settling basin of reinforced concrete construction with tile roof, at city water plant. Plans obtainable from O. A. Gierlich, consulting engineer, Bank of Italy Bldg., Monterey.

SALINAS, Monterey Co., Cal.—Until April 17, 2 p. m., bids will be received by T. F. Joy, county clerk, to erect machine shop building for county use. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

NILES, Alameda Co., Cal.—P. C. Hansen Lumber Co. will erect a \$10,000 warehouse on Southern Pacific frontage in First st.

WATSONVILLE, Santa Cruz Co., Cal.—Until March 29, 8 p. m., bids will be received by H. A. Hyde Co., 7th and Main sts., Watsonville, to erect concrete warehouse, 50 by 88 ft. on Nursery grounds at the head of Main st. Cert. check 10 per cent req. with bid. Plans obtainable from company's offices at Watsonville. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—California Cooperative Producers, foot of 14th St., Oakland, and Continental Can Co., 155 Montgomery St., San Francisco, are negotiating for plant locations on English estate property near the Sacramento and American rivers. A 95 acre site is desired. The property is owned by H. Harris and associates of San Francisco. The cost of the cannery is placed at \$300,000 and the can plant at approx \$1,000,000, including equipment.

Sub-contracts Awarded
WAREHOUSE Cont. price \$99,180
OAKLAND, Alameda Co., Cal., Ninth and Castro sts.
Three-story reinforced concrete wholesale drug warehouse and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Clinton Construction Co., #23 Polson st., S. F.
Misc. iron—Fair Mfg. Co., 617 Bryant st., S. F.
Tile work—Rigney Tile Co., 3012 Hanison st., Oakland.
Vault doors—Herring Hall Co., 326 13th st., Oakland.
Accoutal work—Western Asbestos Co., 16th and Poplar st., Oakland.
Plastering—Evans & June, 4112 Harbor View ave., Oakland.
Glass—W. P. Fuller & Co., 259 10th st., Oakland.
Steel sliding doors—Price Telz Co., 4252 Broadway, Oakland.
Hardware—Builders Hardware Co., 2901 Franklin st., Oakland.
Sidewalk lights—Phoenix-Simpton Co., 317 Harriett st., S. F.

Plans Being Figured
WAREHOUSE Cost \$—
RICHMOND, Contra Costa Co., waterfront.
One-story steel frame and galvanized warehouse, 60 x 140 ft.
Owner—Petroleum Securities Co., Richmond.
Plans by Eng. Dept. of owner.

Sub-Contracts Awarded
MILL BLDG. Cost, \$75,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal.
One-story steel mill building, 60x720 ft.
Owner—E. H. Edwards Co., Butler Rd., South San Francisco.
Architect—Eng. Dept. of Owner.
Contractor—Geo. Wagner, Inc., 181 South Park, San Francisco.
Lumber—South City Lumber Co., South San Francisco.
Sand—Western Rock & Sand Co.
Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.
Steel Sash—Detroit Steel Products Co., 417 Market St., San Francisco.

SCOTIA, Humboldt Co., Cal.—Pacific Lumber Co. of Scotia seeks authorization of water rights from State Department of Public Works in connection with operation of proposed 150-ton pulp and paper mill. The plan of the company is to utilize the waste redwood from its woods and mills that is now being burned.

FLAT BLDG.—E. P. O. Cost, \$—
WALLBROOK ST., E. P. O. Cost, \$—
SAN FRANCISCO—San Mateo
Co., 1000 W. 10th St., and Arkansas
St., S. F. Bldg. (warehouse, of
the garage, station truck for dis-
tributing).
E. P. O. Petroleum Products Co.,
Secretary of Petroleum Securities
Co., 1000 W. 10th St., S. F. Bldg., President.
Architect: E. P. O. of Owner, Outfit
Bldg., Richmond.
It is planned to erect distributing sta-
tions in various part of California.

STAFFLE, Wash.—Peter P. Garde,
Lyon Bldg., at approx. \$225,000 awarded
contract by Wm. Volker & Co., to erect
factory, 120 by 210 ft., fireproof water-
house on Terry Ave. near Penny Way.
Henry Pittman, architect, Securities
Bldg., Seattle.

LIVE OAK, Sutter Co., Cal.—George
W. Beale & Son of Gridley, have pur-
chased 1-acre site and will erect can-
nery plant, est. cost \$5000.

CONCORD, Contra Costa Co., Cal.—
Henz Co. has leased warehouses for-
merly occupied by the Concord Building
Material & Transfer Co., near the South-
ern Pacific depot, and will rent and re-
equip the quarters for sorting cucum-
bers for dill pickle plant.

Sub-Contracts Awarded.
FACTORY—Cost, \$175,000
(with equip. \$275,000)

SAN FRANCISCO—NE Tenth and How-
ard Sts., running to Grace St.
Three-story and basement and mezza-
nine floor and basement concrete
slab construction candy and
confection factory (86,000 sq. ft.).

Owner—Mrs. Martha W. Fischer,
Architect—Willis Lowe, 351 Hobart St.,
Oakland.

Lessee—Geo. Haas & Sons, San Francisco
Contractor—Industrial Constr. Co., 815
Bryant St., San Francisco.

Electrical work—Radellinger Bros., 142
Fourth St., San Francisco.

Steel Sash—Truscon Steel Co., Sharon
Bldg., San Francisco.

Steel Columns—Steel Form Contracting
Co., Monadhock Bldg., San Francisco

Glass—W. P. Fuller & Co., 301 Mission
St., San Francisco.

FLATS

Contract Awarded.
FLAT BLDG.—Cost, \$13,000

SAN FRANCISCO—Powell St., bet.
Pacific and Broadway.

Three-story frame and stucco flat and
store building (2 5-room flats and 1
store).

Owner—L. Madrieres,
Architect—Fabre & Hildebrand, 110
Sutter St., San Francisco.

Contractor—G. P. W. Jensen, 320 Market
St., San Francisco.

Sub-bids will be taken next week.

GARAGES

Sub-bids Being Taken
GARAGE—Cost \$60,000

SAN FRANCISCO—Sacramento St. W.
Davis.

Two-story reinforced concrete garage
Bldg.

Owner—J. Pasqualetti, 785 Market St.
Engineer—W. W. Zellner, 785 Market St.

As previously reported, piling awarded
to A. W. Kitchen Co., 110 Market St.;
excavating to Granfield, Farrar & Col-
lier, 67 Half St.

Contract Awarded
ADDITION—Cost \$12,000

BERKELEY, Alameda Co., Cal. Addison
Street.

One-story concrete and brick veneer ad-
dition to present garage Bldg.

Owner—W. H. Hild.

Architect—R. Boede Hardman, First Nat-
ional Bank Bldg., Berkeley.

Contractor—E. F. Henderson, 2111 Shatt-
uck Ave., Oakland.

06815 Report Job 13; 3rd March 7.

Contract Awarded.

GARAGE—Cost, \$12,000

OAKLAND, Alameda Co., 450 24th st.

1-story brick garage Bldg.

Owner—J. S. Chultz, 450 24th st., Oak-
land.

Architect—None.

Contractor—W. K. Owen, 3137 Pleitner
Ave., Oakland.

Bldg permit applied for.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until April 2, 11
A. M., under Order No. 9451-1279, bids
will be received by U. S. Engineer Office,
85 2nd St., to fur. and del. Rio Vista,
Solano county, miscellaneous castings.
Further information obtainable from
above office.

WASHINGTON, D. C.—Until April 13,
10:30 A. M., under Schedule No. 1368,
bids will be rec. by Purchasing Office,
Panama Canal, to fur. and del. Balboa
(Pacific Port): Steel, wire rope, culvert
bulkheads, back-saw machines, air com-
pressor, steam hammer, arbor presses,
oil burning furnace, paving breakers,
trolley hoists, pneumatic drills, wood
boring machine, buffing and grinding ma-
chines, scaling hammers, paint sprayers,
terminal bonds, track bonds, controllr
segments, asbestos gaskets, rubber gas-
kets, and rubber miter gate seals. Fur-
ther information obtainable from As-
sistant Purchasing Officer, Fort Mason,
San Francisco.

SAN FRANCISCO—Until April 9, 11
A. M., bids will be received by Construct-
ing Quartermaster, Fort Mason, to fur-
nish and install two oil burning ranges at
Letterman General Hospital, Presidio.
See call for bids under official proposal
section in this issue.

WASHINGTON, D. C.—(By Special
Wire)—Robert E. McKee, 108 West 6th
St., Los Angeles, at \$79,300 submitted
low bid to Bureau of Yards and Docks,
Navy Dept., Washington, D. C., to erect
steel covered structural steel frame
hangars, 200x160 feet, with lean-to's 120x
20 ft., on two sides, at the naval operat-
ing base, air station, San Diego. Next
two low bidders were: Campbell Bldg.
Co., San Diego, \$82,000; Lange & Berg-
strom, San Diego, \$85,300. Complete bid
listing will be published shortly.

SAN FRANCISCO—U. S. Engineer
Office, 85 2nd St., plans to let contracts
this season for considerable excavation
work to be done by dragline excavators,
adjacent to the San Joaquin river at and
below Stockton. Firms owning dragline
equipment and desiring to bid on this
work should communicate with the Dis-
trict Engineer, at the above address.

SAN FRANCISCO—The following con-
tracts were awarded by Constructing
Quartermaster, Fort Mason, for painting
building at Letterman General Hospi-
tal: E. Anderson, S. F., \$4649; Zebb
Knott, Richmond, \$897; J. Chaban, S. F.,
\$371; Aristo Painting Co., S. F., \$621;
Jos. J. Burdon, Oakland, \$2819; D. Bur-
gess, Stockton, \$365.

SAN FRANCISCO—Supervising Archi-
tect, Treasury Dept., Washington, D. C.,
preparing plans for six-story fireproof
Marine Hospital to be erected at the
Presidio and for which a \$1,250,000 ap-
propriation is available. It is expected
that bids for construction will be asked
in June. Further mention will be made
of this work when the plans are fur-
ther advanced.

SAN FRANCISCO—Bids will be asked
in about 60 days by Supervising Archi-
tect, Treasury Dept., Washington, D. C.,
for extensive alterations to U. S. Mint,
7th and Mission sts. Est. cost \$100,000.

SAN FRANCISCO—The following bids
were received by Arthur Newman, Main
Post Office, in connection with painting
the interior of the Post Office building:
J. A. Grant, 66 Mission St., \$2859; Thos.
M. Jones, \$2820; D. E. Burgess, \$3904;
National Decorating Service Co., \$4940;
Henry Papenhansen, \$5180; C. E. Nettles-
on, \$5372; Finn Anderson, \$5387; Vogt
& Davidson, \$5687; Conrad Solig, \$5590.

HONOLULU, T. H.—Wm. Arthur
man, Pacific Coast representative for
office of the Supervising Architect, Treas-
ury Dept., Washington, D. C., left an-
Francisco March 24 for Honolulu in
nection with plans for the proposed \$3-
000 immigration station and a new ad-
dral Building for which Congress has
appropriated \$400,000 to finance.

PACIFIC COAST—World War
rans' Hospitalization bill has moved
ward House action, according to
from Washington. The program pro-
posed for the following expenditures: V.
Walla, Wash., \$250,000; Tucson,
\$260,000; Sheridan, Wyo., \$100,000;
Alto, Cal., \$240,000; American Lake, W.
\$220,000.

WASHINGTON, D. C.—Following
complete list of bids received to
under spec. 5556, March 21, for hy-
therapeutic equipment at the navy
Mare Island Calif.:

Item 1, work complete; 2, add to
1 based on fixture trimmings and
posed piping of brass with chrom-
plating; 3, add to item 1, based on
tures, trimmings and exposed pipe
white bronze in lieu of brass plated.
Turner Co., 329 Tehama St., San F-
cisco, item 1, \$4290 and 300; 2, \$315
\$50; 3, \$700 and \$50.

Burnham Plumbing Co., Inc.,
Webster St., San Francisco, item 1,
127; 2, \$5531; 3, \$6189.

Herman Lawson, 465 Tehama St.,
San Francisco, item 1, \$4080; 2, \$250; 3, \$0.

WASHINGTON, D. C.—Bids are b-
received by Bureau of Supplies and
accounts, Navy Department, to furnish
deliver materials to Navy Yards and
stations, the date of opening bids as not
at close of each paragraph. (Further
information regarding the Schedule may
be obtained from Navy Purchasing Off-
310 California St., San Francisco):

Sch. 8675, western yards, pine lum-
April 10.

Sch. 8677, Mare Island, 38,000 ft. b.
m. spruce; Puget Sound, 25,000 ft. b.
do. April 10.

Sch. 8678, western yards, boat kn-
lignum vitae, mahogany, poplar, ma-
basswood. April 10.

Sch. 8679, Mare Island, 20,000 ft. b.
box and crate lumber. April 3.

Sch. 8689, Mare Island and Pu-
Sound, air purifying and cooling ur-
April 10.

Sch. 8695, western yards, shetrts, s-
makers' and tinnern. April 3.

Sch. 8696, western yards, shov-
spades, picks, hoes, rakes, fids, d-
pans, prickers and trowels. April 10.

Sch. 8700, Mare Island, steel bo-
tubes. April 10.

Sch. 8705, Mare Island, 36,000 lbs. z-
dust and 600,000 lbs. zinc oxide. April

Sch. 8708, Puget Sound, 1 vacuum d-
ing and impregnating outfit. April

Sch. 8709, Mare Island, 12 porta-
pneumatic drills; Puget Sound, 4

Mare Island, 15 reversible pneuma-
drills; Mare Island, 110 pneumatic seal-

hammers; Mare Island, 1186 pneuma-
chisel blanks. April 3.

Sch. 8710, western yards, saws, mi-
boxes, sets, hand saw, and hacks-

frames. April 10.

Sch. 8718, western yards, rules a-
tapes. April 3.

Sch. 8725, Mare Island, 20,000 lbs. n-
nickel plates, steel; Puget Sound, 2

000 lbs. do. April 3.

Sch. 8728, western yards, sharpen-
stones. April 3.

Sch. 8736, Mare Island, 4 torsion u-
ters; Puget Sound, 4 do. April 10.

Sch. 8760, Mare Island, 4 thrust be-
arings and 1 set of spare parts; Pu-

Sound, 4 thrust bearings and 1 set
spare parts. April 10.

Sch. 8763, Mare Island, 6675 lbs. cor-
sion-resisting bar steel. April 3.

Sch. 8767, Mare Island, 400,000 lb-
zinc oxide. April 3.

Sch. 8784, San Diego, 175 metal p-
peller blades and 20 propeller hub a-

semblies. April 10.

Sch. 8789, Puget Sound, 3000 pneuma-
rivet sets, April 10.

SAN FRANCISCO—Until April 16, u-
der Proposal No. 35, bids will be receiv-
by Signal Supply Officer, Presidio, to fu-
and del. small quantity of miscellane-
hardware and 3600 lbs. manila rope. Fu-
ther information obtainable from above

ISLAND, Cal.—Improvements including expenditure of \$410,000 are included in the Naval Appropriation Bill reported to the House by the Appropriations Committee. The improvements include: To continue dredging, \$100,000; improve old buildings, \$75,000; improve building facilities, \$75,000; improve power plant and distributing system, \$90,000; improve lighting protection and electric system at ammunition point, \$70,000.

FRANCISCO—Until April 2, 11 a. m. Order No. 9549-1273, bids will be received by U. S. Engineer Office, 500 to fur, and del. Rio Vista, Sonoma, 8000 ft. plow steel wire rope, 1/2 in. center, 19 wires to strand, 1/2 in. center or core; same to be in 8 of 1000 ft. each. Also to fur, 250 ft. rope, extra flexible, 5/8 in. dia., 19 wires to strand, breaking strength 19 tons. Further information obtainable above office.

DIEGO, Cal.—Until April 18, Specification 5492, bids will be received by Bureau of Yards and Docks, Department, Washington, D. C., to construct storm water drain at the naval engineering base, San Diego. Work will include 30 and 36-in. reinforced concrete all pipes, street inlet, manholes, to basin, creosoted timber outlet and cast iron pipe connection to the house, disconnection and plugging existing drain lines, connection to existing terra cotta drains, the removal and installation of an existing steam pipe and the restoration of all pavement, curbs and other structures damaged in the prosecution of the work.

HALLS AND SOCIETY BUILDINGS

POINT ARENA, Mendocino Co., Cal.—Until April 10, bids will be rec. by Odd Fellows Lodge, Point Arena, to erect factory reinforced concrete lodge building. Check 10 per cent req. with bid. Plans on file in office of Union Garage, Point Arena. See call for bids under final proposal section in this issue.

ARROWHEAD, San Bernardino Co., Cal.—Wm. F. Nelson & Co., Hohm Bldg., architect, and Western ave., Los Angeles, have contract for clubhouse and 500 seats at Lake Arrowhead for the Atkins Lumber Co., Pacific National Bank Bldg., and Hill sts., Los Angeles; plans by architect Wm. H. Kraemer, Hohm Bldg., Los Angeles. Clubhouse will be 64x112 frame and stucco construction. Total cost \$125,000.

BEING Prepared. Cost, \$75,000
AGE BLDG. Sierra St., bet. First and Second Sts.
Two-story brick and steel lodge building, approx. 75x140 feet.
Owner—Odd Fellows & Rebekah Lodges of Reno.

Architect—Geo. Ferris & Son, Cladianos Bldg., Reno, Nev.
The structure will furnish quarters for six Reno lodges of the fraternity, including Reno Lodge No. 14; Unity Lodge No. 6; Nevada Rebekah Lodge No. 7; Mizpah Rebekah Lodge No. 26; Encampment No. 5, and Canton No. 1.

WOODLAND, Yolo Co., Cal.—House Committee of Yolo Fliers Club instructed to secure preliminary plans and estimates of cost for new club buildings in addition to the present improvements. Members of the committee are: Henry Bush, chairman; Jos. G. Montroni, J. Coons and Asa G. Proctor. Construction will probably be of frame and stucco.

ROVILLE, Butte Co., Cal.—Directors of the Y. M. C. A. have approved plans proposed club building to be erected on Oak and Robinson Sts.; will be 50 by 100 ft. of Aztec type of architecture and will comprise the first unit of a large frame and stucco structure. Will house 10 rooms, banquet hall and kitchen; also offices and gymnasium. Construction will be carried on under the supervision of J. L. Fry.

HOSPITALS

LOS ANGELES, Cal.—Until 2 P. M., April 16, bids will be received by county supervisors to erect building at the County Farm for Occupational Therapy purposes. Plans obtainable from Miss Mame B. Beatty, clerk of the board, 303 Hall of Records.

LOS ANGELES, Cal.—George Mittry, Architects Bldg., awarded contract by county at \$145,000 for general construction of hospital at Juvenile Hall, corner of Eastlake Ave. and Henry St. American Electric Constr. Co., 757 E. 9th St., awarded electrical work at \$8397; Coony & Winterbottom, 2425 Hunter St., awarded steam heating at \$13,023; Pasadena Plumbing Co., 325 N. Lake St., Pasadena, awarded plumbing at \$20,761. Plans by county architect. Reinforced concrete construction, stucco exterior.

TUCSON, Ariz.—Masonic Lodge contemplates erecting national tubercular hospital in Arizona, possibly near Tucson. Geo. E. Hatch, grand secretary will make a report as to sites to the Supreme Council at Richmond, Va., in June.

FRESNO, Fresno Co., Cal.—Architect Chas. E. Butner, Cory Bldg., Fresno, has completed preliminary plans for proposed sanatorium to be erected at Blackstone and Hedges ave. for Chas. B. Brown. It is proposed to purchase the site 300 by 300 ft., at Blackstone and Hedges ave. on which to erect the structure which will replace the present sanatorium at Kearny and Tehama sts.

POMONA, Los Angeles Co., Cal.—Earl E. Jensen, director of State Institutions, has recommended the Pacific Colony Home, 12 miles from Pomona, as site for proposed California State Narcotics Hospital which will be financed by funds provided by the last legislature.

HOTELS

GLENDALE, Los Angeles Co., Cal.—Earl C. Rahn, 3921 W. 6th St., Los Angeles, completing plans for 4-story Class C store and hotel to be erected at Brand Blvd. and Lexington for Walter Shores and Chas. B. Stanford of Alhambra; 10 stores and 100 hotel rooms, 50% tiled baths, 30% showers, 100% toilets, 104x150 feet. \$125,000.

BURLINGAME, San Mateo Co., Cal.—See "Apartments," this issue.

Plans To Be Prepared. Cost, \$150,000
ADDITION
ALAMEDA, Alameda Co., Cal. Central Ave. and Broadway.
Three-story reinforced concrete addition to present hotel building (10 three-room apts.)
Owner—Alameda Community Hotel Corp., George Noble, President.
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.

LONG BEACH, Cal.—Joseph H. Roberts, 312 Marine Bank Bldg., Long Beach, will take segregated bids for 9-story and part basement class A apartment hotel at 1000 E. Ocean ave., Long Beach, for G. O. Walters; 175 rooms, 49x108 feet, steel frame with reinforced concrete filler walls; cost \$200,000.

OCEANSIDE, Los Angeles Co., Cal.—R. L. Lee, 235 N. Santa Anita, Burbank, has contract to erect a four-story class A hotel at 3rd and Pacific sts., for Ocean-side Hotel Corp., L. M. Goodholme, secretary, 410 National City Bank Bldg., Los Angeles. Louis Seiden, 515 Byrne Bldg., Los Angeles, architect; 100 guest rooms each with private bath; reinforced concrete construction; 225,000.

Completing Plans—Contract Awarded.
HOTEL First unit, \$100,000 (ultimate cost, \$500,000)

SALINAS, Monterey Co., Cal.
Six-story steel frame fireproof hotel
Owner—William Jeffery, Jeffery Hotel, Salinas.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

Construction Started. Cost, \$60,000
HOTEL
GARDNERVILLE, Nevada.
Two-story frame and stucco hotel building (50 rooms).

Owner—Gardnerville Manor Hotel Co.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and Kent & Hass, Associated, 525 Market St., San Francisco
Contractor—Jensen & Dressler, Gardnerville, Nevada.
Sub-bids are being taken.

INDIO, Riverside Co., Cal.—Mark Daniels, Administration Bldg., Bel Air, preparing preliminary plans for a 50 or 60-room hotel building and cottages to be erected at Indio; Robert Fulton, promoter. Cost, \$250,000.

FRESNO, Fresno Co., Cal.—Interior remodel of Hotel Fresno at a cost of \$15,000 has been started. Carpentering, repapering and redecorating in addition to some new furnishings are included.

PORT ANGELES, Wash.—Architect J. Charles Stanley, Republic Bldg., Seattle, commissioned to prepare plans for 7-story and basement Class A steel and concrete apartment-hotel to be erected for group of Port Angeles and Seattle capitalists; will be combination of Spanish and Italian Renaissance design; 120 hotel rooms and 30 2-room suites.

PALM SPRINGS, Riverside Co., Cal.—Eric Black, 6719D Hollywood Blvd., Hollywood, preparing plans for a Spanish type hotel to be built on Las Palmas Estates, Palm Springs; will be built in form of a plus sign; two stories in height; 92 single rooms, 10 apartments, stores, offices, lobby, swimming pool and playgrounds. 100% baths, concrete construction; cost \$200,000.

OCEANSIDE, Los Angeles Co., Cal.—Oceanside Hotel Corporation completing arrangements to erect new hotel; will be located at Third and Pacific Sts.; four-story, reinforced concrete construction; 100 rooms. Cost, \$175,000. Edward Curran Jr., is president and L. M. Goodholme, secretary of hotel company.

FRAZIER MOUNTAIN PARK, Kern Co., Cal.—Harry McBain, financial backer of the new recreational center known as Frazier Mountain Park, announces he will erect a \$100,000 cabin hotel to be completed before the mid-summer season.

ICE AND COLD STORAGE PLANTS

MESA, Ariz.—Gate City Ice Co., W. G. Creaman, manager, will erect 15-ton capacity ice plant. Machinery has been ordered and work on the building will be started at once.

POWER PLANTS

NEWARK, Alameda Co., Cal.—Newark Electric Co., Newark, awarded contract by Arden Salt Works to erect 11,000-volt transmission line across company's property at Newark.

LOS ANGELES, Cal.—Bureau of Power & Light has started construction of \$200,000 power distributing station at Broadway and Wyoming Sts., Venice. The plant is to have a 15,000 H. P. capacity. The building will cost \$70,000.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

PUBLIC BUILDINGS

CONTRACT AWARDED
RESIDENCE Cost \$10,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—E. W. Vieth, 1822 Tacoma ave., Oakland.
 Architect—Masten & Hurd, Shreve Bldg., S. F.
 Contractor—J. W. Monroe, 5538 Claremont ave., Berkeley.

PLANS BEING FIGURED Cost \$12,000
WALNUT CREEK, Contra Costa Co., Cal.
 Two-story and basement frame residence.
 9 rooms, 2 baths, Spanish type.
 Owner—Elvin Lea.
 Architect—Raymond De Sano and Lynn Bedwell, 251 10th st., Richmond.

PLANS BEING FIGURED Bids Close April 1.
RESIDENCE Cost \$—
STOCKTON, San Joaquin Co., Cal., Porterville and Vine st.
 Two-story and basement brick veneer residence with tile roof, 8 rooms and garage.
 Owner—Grady Sattui, 611 N. Ophir st., Stockton.
 Architect—Ralph Merrill, Union Bldg., Stockton.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

PLANS BEING FIGURED Cost \$12,000
LOS GATOS, Santa Clara Co.
 Two-story frame and stucco residence.
 Owner—Dorothy Brown.
 Architect—Edith & Curtis, 14 W. Saginaw st., Los Gatos.

CONTRACT AWARDED
RESIDENCE Cost \$40,000
PHILADELPHIA, Alameda Co., Cal.
 Two-story and basement frame and stucco residence (Spanish type; 10 rooms and 5 baths).
 Owner—Al Coogan.
 Architect—Sidney B., Archie T. and Noble Newsom, Federal Realty Bldg., Oakland.
 Contractor—George Maurer, 50 York Dr., Oakland.
Concrete Work—J. H. Fitzmaurice, 351 Hobart St., Oakland.
Lumber and Mill Work—Sunset Mill & Lumber Co., Ft. of Oak St., Oakland.
Plumbing—W. H. Picard, 5656 College Ave., Berkeley.
Steel Sash—Detroit Steel Products Co., 63rd and Doyle Sts., Oakland.
Slate Roofing—General Roofing Co., Beach and Halleck Sts., Oakland.

PLANS BEING COMPLETED—CONTRACT AWARDED
ALTERATIONS Cost \$30,000
HILLSBOROUGH, San Mateo Co., Cal.
 Alterations and additions to present residence.
 Owner—Robert Miller, 1523 Vancouver ave., San Mateo.
 Architect—Arthur Brown Jr., 251 Kearny st., S. F.
 Contractor—Chas. Stockholm & Sons, Heust Bldg., S. F.

CONSTRUCTION STARTED Cost \$7,000
MODEL HOME
SAN LEANDRO, Alameda Co., Bridge and San Rafael aves.
 One and a half story frame and stucco model home, 6 rooms, 1 bath.
 Owner—Frog. T. Wood Co., Inc., 1801 Franklin st., Oakland.
 Architect and Mgr. of Const.—Ernest Flores and R. Wood, 1801 Franklin st., Oakland.

PLANS BEING FIGURED
RESIDENCE Cost, \$—
WINSTON PARK, Contra Costa Co., Cal. Outside Berkeley City Limits.
 Two-story six-room frame and stucco residence.
 Owner—J. Hildebrand.
 Architect—J. Hudson Thomas, Mercantile Bank Bldg., Berkeley.
 Bids are being taken for a general contract.

PLANS BEING FIGURED
RESIDENCE Cost, \$14,000
OAKLAND, Alameda Co., Cal. Casa Altadena.
 Two-story frame and stucco residence (English type).
 Owner—Harry Stockman.
 Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
 Bids are being taken for a general contract.

PLANNED
RESIDENCE Cost, \$—
SAN MATEO, San Mateo Co., Cal. Baywood.
 Two-story frame and stucco residence.
 Owner—H. F. Collier.
 Architect—Not Selected.

TRACY, San Joaquin Co., Cal.—Until April 21, bids will be received by Lloyd McAnay, Secy., West Stanislaus Irrigation District, to erect one-story frame residence near Westley. Plans obtain-

able from W. F. Woolley, engineer for district at Patterson, Calif. Cert. check req. with bid.

SAN FRANCISCO—Leonard Buck, 1000 Gough st., recently purchased the property on the north line of Chestnut west of Hyde, and will improve the property at a later date. It is planned to erect a large residence, but at this time no arrangements have been made for constructing same.

PLANS BEING COMPLETED
ADDITION Cost \$—
SAN FRANCISCO, Sea Cliff District
 Three-room addition to residence.
 Owner—Withheld.
 Architect—Chas. E. J. Rogers, Pl Bldg., S. F.
 Bids will be taken in one week.

PLANS BEING FIGURED
RESIDENCE Cost \$1—
PALO ALTO, Santa Clara Co.
 Two-story frame and stucco residence, 3 rooms, 3 baths, English type.
 Owner—Fred K. Perry.
 Architect—C. C. Dakin, 2083 Harrison Bldg., Oakland.
 Bids are being taken for a general contract.

SUB-BIDS BEING TAKEN
BUNGALOW COURT \$150
MENLO PARK, San Mateo Co.
 One-story frame and stucco bungalow court, 4 3-room apts. and garages.
 Owner—W. J. Fenton.
 Architect—C. C. Dakin, 2083 Harrison Bldg., Oakland.
 Contractor—Barr & Sons, 900 Everett, Oakland.

PLANS BEING FIGURED
RESIDENCE Cost, \$100—
OAKLAND, Alameda Co., Cal. Indian Road.
 Two-story frame and stucco residence (6 rooms and 3 baths).
 Owner—Ray Wilson.
 Architect—Frederick Reimers, 14 Franklin St., Oakland.

PLANS BEING FIGURED
RESIDENCE Cost, \$20—
SAN FRANCISCO, NE Pacific Ave. & Lyon Street.
 Two-story nine-room frame and stucco residence.
 Owner—George Boardman.
 Architect—Frederick H. Reimers, 14 Franklin St., Oakland.

WORK STARTED
ALTERATIONS Cost, \$—
SAN FRANCISCO, No. 2855 Pacific Ave.
 Remodel present residence.
 Owner—J. Studebaker Johnson.
 Architect—None.
 Contractor—W. D. Henderson, Monnock Bldg., San Francisco.

CONTRACT AWARDED
RESIDENCE Cost \$—
OAKLAND, Alameda Co.
 Two-story frame and stucco residence and reinf. concrete garage.
 Owner—Samuel M. Smith.
 Architect—Farr & Ward, 68 Post st., S. F.
 Contractor—Alex Cedarborg, 1455 Excelsior ave., Oakland.

“Gold Medal” Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278
 Lessor of Suspended and Swinging Safety “Gold Medal” Scaffolding.

Plans Being Completed.
RESIDENCE Cost, \$75,000
N. JOSE, Santa Clara Co., Cal. Mt. Hamilton Foothills.
Two-story frame and stucco residence, tile roof, all modern conveniences. Owner—William Haller, 75 S-Second St., San Jose.
Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
Bids will be taken for a general contract in one week.
As previously reported, excavating awarded to J. R. Madden, 911 Bryant St., Alamo; concrete to Megna & Newell, W-San Fernando St., San Jose.

SAN LUIS OBISPO, Cal.—W. J. Smith, 55 Higuera st., San Luis Obispo, at \$1,785 submitted low bid and was awarded the contract by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect two-story frame and stucco nine-room, Spanish type residence at Polytechnic School campus, San Luis Obispo. E. B. McDougall, state architect, Forum Bldg., Sacramento.

Plans Being Prepared
RESIDENCE Cost \$12,000
ENNAIR, Stanislaus Co.
Two-story frame and stucco residence, 10 rooms, 3 baths.
Owner—Mr. and Mrs. S. I. Leland, P. O. Box 94.
Architect—G. N. Hilburn, Turlock.
Plans will be ready for bids in three weeks.

Plans Being Prepared
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., St. James Wood.
Two-story frame and stucco residence, 9 rooms, 2 baths.
Owner—J. W. O'Neill, Central Bk. Bldg., Oakland.
Architect—W. E. Schirmer, 700 21st st., Oakland.

Bids Opened—Under Advisement.
RESIDENCE Cost \$25,000
PIEDMONT, Alameda Co., Cal., Hampton rd.
Two-story frame and stucco residence, 10 rooms, 3 baths, French style.
Owner—Grace F. Henshaw.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

Construction to Start Shortly.
RESIDENCE Cost, \$11,000
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Park.
One-story and basement frame and stucco residence (English type)
Owner—T. B. Oliver.
Architect—Russell B. Coleman, 1132 Cambridge Rd., Burlingame.
Contractor—Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

Completing Plans.
RESIDENCE Cost, \$7500
BERKELEY, Alameda Co., Cal. Thousand Oaks.
Two-story 6-room frame and stucco residence (English type).
Owner—R. N. Conant.
Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., S. F.
Bids to be taken next week.

Sub-Contracts Awarded.
RESIDENCE Cost \$150,000
SAN FRANCISCO, Washington st, near Laurel st.
Two-story, basement and attic Class "A" residence, 18 rooms.
Owner—Timothy Hopkins.
Architect—Arthur Brown Jr., 251 Kearny st., S. F.
Contractor—George Wagner, 181 South Park, San Francisco.
Electrical work—H. S. Tittle, 85 Columbia Square, San Francisco.
Plumbing & heating—James H. Pinkerton, 940 Howard st.
Plastering—S. F. Lathing & Plastering 872 Folsom St.
Structural steel—Judson Pacific Co., 609 Mission st.
Mill work—Pacific Mfg. Co., Monadnock Bldg.
Lumber—Fope & Talbot, Russ Bldg.
Sand and Gravel—Acme Gravel Co., foot of Leavenworth st.
Cement—Henry Cowell Lime and Cement Co., 2 Market st.
(1479) 1st rep Jan. 4, 1928; 3rd rep. Feb. 21, 1928.

Bids to be taken in two weeks.
RESIDENCE Cost \$20,000
MENLO PARK, San Mateo Co., Cal.
Two-story frame, brick veneer and siding residence.
Owner—Leland Prior, Middlefield road, Menlo Park.
Architect—Birge M. Clark, 210 University ave., Palo Alto.

Preparing Working drawings.
RESIDENCE Cost \$12,500
BAYWOOD, San Mateo Co., Crystal Springs Road.
Owner and Builder—B. E. George, premises.
Architect—Grimes & Scott, Balovich Bldg., San Mateo.
Sub bids will be taken next week.

Preliminary plans being prepared.
RESIDENCE \$30,000
HILLSBOROUGH PARK, San Mateo Co.
Two-story frame and stucco residence, (10 rooms, 4 baths, all mod. conveniences).
Owner—Withheld.
Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.

Plans Being Figured—Bids Close Mar. 28
RESIDENCE Cost \$16,000
PIEDMONT, Alameda Co., Cal., Requa Highlands.
Two-story frame and stucco residence, 9 rooms and 3 baths.
Owner—Frank Stears.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

SACRAMENTO, Cal.—Swanston Park Syndicate, 607 J St., will shortly commence erection of 18 new homes in addition to those now in course of construction. Leo. G. Legler is general manager of the syndicate.

SUISUN, Solano Co., Cal.—N. C. Bennett, Fairfield, at approx. \$10,000 has contract to erect frame and stucco bungalow, 32 by 60 feet, for Fred Lambie at Rio Vista Junction, 6 miles southeast of Suisun; will be of California type; stucco exterior. Noah Adams Lumber Co. has contract for lumber.

Completing Plans
BUNGALOW COURT \$25,000
BERKELEY, Alameda Co., Euclid and Le Conte sts.
Two-story frame and stucco bungalow court, 10 2 and 3-room apts.
Owner—Mr. Burr.
Architect—Leonard H. Ford, 1435 Harrison st., Oakland.
Segregated bids will be taken in one week.

Plans Being Prepared
RESIDENCE Cost \$7,000
OAKLAND, Alameda Co., Cal., St. James Wood.
Alterations and additions to present residence.
Owner—Mr. Cabanan.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
Bids will be taken in one week.

Revised Plans Being Completed.
RESIDENCE Cost, \$50,000
SANTA CRUZ, Santa Cruz Co., Cal.
Two-story frame and stucco residence with tile roof and keeper's cottage.
Owner—T. S. Montgomery, 40 W-San Antonio St., San Jose.
Architect—Weeks & Day, Financial Center Bldg., San Francisco.
Bids will be taken shortly.

Preparing Sketches.
SORORITY HOUSE Cost, \$35,000
BERKELEY, Alameda Co., Cal. North of Campus.
Three-story frame and stucco sorority house.
Owner—Withheld.
Architect—B. Reede Hardman and Jas. McCreery, Berkeley Bank Bldg., Berkeley.

Contract Awarded
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., St. James Wood.
Two-story frame and stucco residence, 8 rooms and 2 baths; English type.
Owner—Phil Hershey.
Architect—Miller & Wernecke, 1101 Franklin st., Oakland.
Contractor—F. C. Stolte, 3455 Laguna st., Oakland.

Contract Awarded
RESIDENCE Cost \$15,000
OAKLAND, Alameda Co., Cal., Haddon Hill.
Two-story frame and stucco residence, 8 rooms and 2 baths.
Owner—L. R. Foss.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
Contractor—T. C. Stolte, 3455 Laguna st., Oakland.

Plans Being Completed.
RESIDENCE Cost, \$—
STOCKTON, San Joaquin Co., Cal. Pershing Ave. and Vine St.
Two-story and basement brick veneer residence with tile roof (8 rooms and garage).
Owner—Giudo Sattui, 644 N-Ophir St., Stockton.
Architect—Ralph Morrell, Union Bldg., Stockton.
Plans will be ready for bids March 28.

Completing Plans.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. Spruce and Marin Streets.
Two-story 9-room frame and stucco residence.
Owner and Builder—B. Pearson, 1808 Channing Way, Berkeley.
Architect—E. Reede Hardman, Berkeley Bank Bldg., Berkeley.
Sub-bids will be taken in one week.

SCHOOLS

Sub-contracts Awarded
SCHOOL Cost \$150,000
SAN FRANCISCO, SW 24th and Guerrero sts.
Two-story and basement reinforced concrete school and gymnasium bldg.
Owner—Sisters of The Dominican Order.
Architect—A. I. Coffey, 1126 Phelan Bldg.
Contractor—Barrett & Hilp, 918 Harrison st.
Mill work—Empire Planing Mill, 750 Bryant st.
Brick work—William Rainey & Son, 323 Clementina st.
Roofing—Alta Roofing Co., 225 Gough st.
As previously reported, grading awarded to B. Rosenberg, 58 Merlin st.

Plans Being Prepared.
SCHOOL Cost, \$50,000
WALNUT CREEK, Contra Costa Co.
One-story frame and stucco school building (10 classrooms and auditorium).
Owner—Walnut Creek Grammar School District.
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
The plans will be ready for bids in three weeks.

Plans Being Figured—Bids Close April 10 9:45 a. m.
SCHOOL Cost \$40,000
EAST OAKLAND, Alameda Co., Cal., Sixty-fourth st.
One-story brick and concrete school building, 6 classrooms.
Owner—Oakland Board of Education.
Architect—George O'Brien, Federal Telegraph Bldg., Oakland.

Plans To Be Prepared.
SCHOOL Cost, \$45,000
SACRAMENTO, Sacramento Co., Cal. North Sacramento District.
One-story reinforced concrete school building (first unit).
Owner—North Sacramento School Dist.
Architect—John W. Woollett and A. R. Widdowson, Plaza Bldg., Sacramento
A bond election is being held April 6th to vote bonds to finance construction of same.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by John W. Edgemoond, Secty., Board of Education, to erect Krause Avenue school in Krause Ave. near Chestnut St.; will be one-story 4-classroom brick.
General Work
J. B. Bishop, 587 Athol st. Oak \$39,100
Slate Blackboards
C. F. Weber Co., 661 Mission St. San Francisco \$469
Awning Type Windows
Universal Window Co., 1916 Broadway, Oakland \$345

This photo of Sandy Pratt, producer of sand, crusher rock and gravel, is a reminder of the first carload of sand ever shipped by Sandy when it was loaded on a flat car with a wheelbarrow. Compare this with Sandy's present modern machinery and plants, producing thousands of carloads of sand, rock and gravel every year.

LOS ANGELES, Cal.—Until 9 a. m., April 11, bids will be received by board of education to erect addition to grammar school. Separate bids will be taken on general plumbing, painting, heating and ventilating, and electric wiring. Plans obtainable from room 161, Chamber of Commerce Bldg., Wm. A. Sneider, secretary. Elliott Lee Ellingwood, heating engineer; 2-story, 12-unit structure, brick and concrete construction; 112,000.

SANTA MARIA, Santa Barbara Co.—Joane Building So., Santa Maria, at \$17,500 awarded contract by Santa Maria school dist. to erect addition to East Main St. School. Louis N. Crawford, architect, Jones Bldg., Santa Maria. Other bids: C. D. Reiner & Sons Co., Santa Maria, \$17,489; C. C. Marriott & Co., Santa Maria, \$17,500; Wm. Lane, Paso Robles, \$19,975; Sam Greenback, Hearst Bldg., San Francisco, \$19,975.

KENT, Wash.—Architect Wm. Mallis, Lyon Bldg., Seattle, commissioned to prepare plans for new high school at Kent or which bonds of \$110,000 were recently voted. Two stories, brick construction.

ARCATA, Humboldt Co., Cal.—Until April 9, 8 p. m., bids will be rec. by Vernon L. Hunt, clerk, Arcata Union High School Dist., to erect manual arts bldg. Newton Ackerman, architect, Eureka. Will be two-story, 75 x 115 ft., frame construction with brick veneer exterior; estimate cost \$30,000. Plans obtainable from architect.

THREE RIVERS, Tulare Co., Cal.—Barrett-Hicks Co., Fresno, at \$1021 were awarded contract by Three Rivers School Dist. to install steam heating plant in school. Dean & Dean, architects, Calif. State Life Bldg., Sacramento. Other bids: Camby Plumbing Co., Tulare, \$1070; Exeter Plumbing & Sheet Metal Co., Exeter, \$1200.

SAUSALITO, Marin Co., Cal.—Until April 17, 8 p. m., bids will be rec. by Mary F. Seymour, secy., Tamalpais Union High School Dist., to fur. and del. school supplies, janitor supplies, furniture, athletic equipment, lumber, shop equipment, machinery and laboratory supplies. Further information obtainable from secy.

WATSONVILLE, Santa Cruz Co., Cal.—County supervisors sell \$251,000 bond issue of Watsonville School Dist. for premium of \$8461.25; proceeds of sale to finance erection of new schools and additions to standing structures. W. H. Weeks, architect, 369 Pine st., San Francisco.

AUGUA CALIENTE, Sonoma Co., Cal.—Until April 14, 1:30 P. M., bids will be received by J. P. Serres, clerk, Flowery Elementary School District to repair and restore school building, recently damaged by fire. Cert. check 10% req. with bid. Plans obtainable from clerk.

FRESNO, Fresno Co., Cal.—The following contracts were awarded by State Department of Public Works, Division of Architecture, to erect science building for Fresno State Teachers' College. Will be reinforced concrete construction. Allison & Allison, Hibernian Bldg., Los Angeles, are the architects.

General Work—Monson Bros., 251 Kearny St., San Francisco, at \$134,260. **Plumbing and Heating**—Barrett-Hicks Co., 1031 Broadway, Fresno, at \$26,971. **Electrical Work**—Walton H. Smith, Long Beach, at \$16,130.

FRESNO, Fresno Co., Cal.—Otto W. Baty, Fresno, at (a) \$700. Winchell school and (b) \$575 for Burroughs school, submitted low bid to Board of Education to const. sidewalks and curbs. Other bids: M. Madsen, Fresno, (a) \$735; (b) \$590. W. S. Wandell, Clovis, (a) \$898; (b) \$695. Stewart & Nuss, Fresno, (a) \$934.50. Taken under advisement.

FRESNO, Fresno Co., Cal.—Worley & Co., at \$4826.64 awarded contract by Board of Education to fur. and install lockers in Washington, Longfellow and Roosevelt High Schools.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by Board of Education to fur. and install lighting fixtures in Roosevelt and Winchell schools. Further mention will be made of this work when a date for bid opening is set.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, Secy., Board of Education, to erect Oakland High School Gymnasium; reinforced concrete construction:

General Work
John E. Branagh, 184 Perry St., Oakland.....\$108,400
Sullivan & Sullivan, Oakland.....117,900
George Swanstrom, Oakland.....120,638
B. S. McIntyre, Oakland.....122,449
Hardware
Maxwell Hardware Co., 1320 Washington St., Oakland.....\$3900
Bids taken under advisement.

SANTA MARIA, Santa Barbara Co., Cal.—Until April 11, 8 P. M., bids will be received by F. J. McCoy, clerk, Santa Maria Union High School District, to fur. and del. school supplies and equipment. Lists of materials desired obtainable from clerk on request.

FRESNO, Fresno Co., Cal.—Plans for proposed Lafayette School, bids for which will be opened by Fresno Board of Education, April 12, 5 P. M., are on file in the office of LARSEN ADVANCE CONSTRUCTION REPORTS, and may be inspected by those interested. E. W. Peterson, architect, Mason Building, Fresno. Will be of brick construction with stucco exterior containing from eight to ten classrooms and boiler room.

BANKS, STORES & OFFICES

Contractor Taking Sub-figures
STORES Cost \$—
RICHMOND, Contra Costa Co., 12th and MacDonald aves.
Two-story frame and stucco bldg. (stores, 1 office, 1 apt.)
Owner—Louis De Gregorio, 321 13th st., Richmond.
Plans by owner.
Contractor—Carl Overaa, 23rd and Wilcox sts., Richmond.

Plans Being Prepared.
OFFICE BLDG. Cost, \$—
ALAMEDA, Alameda Co., Cal. SW
Santa Clara Ave. and Everett St.
One-story hollow tile office building.
Owner—Municipal Light & Power Co. (Clifton E. Hickof, City Manager).
Architect—Carl Werner, 605 Market St., San Francisco.
Plans will be ready for bids in about 30 days.

FRESNO, Fresno Co., Cal.—Fisher & McNulty, Mattel Bldg., Fresno, at approx. \$25,000 to erect one-story brick store, 75 by 150 feet, for B. F. Shepherd, at Tulare and O Streets.

BURLINGAME, San Mateo Co., Cal.—See "Apartments," this issue.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$350,000
SAN FRANCISCO, NE Post and Mason Streets.
15-story wing addition adjoining present 15-story Class A medico-dental building.
Owner—Medico-Dental Bldg. Corp., 490 Post St., San Francisco.
Architect—George W. Kelham, 315 Montgomery St., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Contractor—George Wagner, 181 South Park, San Francisco.
Terra Cotta and Brick Work—Gladding, McBean & Co., 660 Market St., San Francisco.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Electric, Plumbing, Heating and Ventilating—Turner Co., 329 Tehama St., San Francisco.

Bids are wanted for sand, gravel and lumber.
As previously reported, structural steel awarded Judson-Pacific Co., 609 Mission St., San Francisco.

Bids opened.
OFFICE BLDG. Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.
Broadway, opp. Standard st.
Two-story reinforced concrete store and office building.
Owner—A. J. Fromm, Main and Broadway, Redwood City.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Lessee—United Cigar Sales Agency.
Low bidder—E. K. Nelson, 77 O'Farrell st., San Francisco.
Other bidders were: Jacks & Irvine, S. F., \$12,526; Ray Construction Co., S. F., \$13,790; Daly Bros., San Mateo, \$11,955; Meese & Briggs, \$13,144; Stephenson Construction Co., S. F., \$13,784; Hamilton Construction Co., S. F., \$13,307; A. Fowler, \$14,000.

Contract Awarded.
REPAIRS. Cost, \$20,000
OAKLAND, Alameda Co. 520 13th st.
Repairs to present building.
Owner—J. E. Maurahan, 520 15th st.
Architect—None.
Contractor—H. W. Schnebly, 6th & Jackson sts., Oakland.
Building Permit Applied for.

SAN FRANCISCO—See "Flats," this issue.

Sub-Contracts Awarded.
STUDIO Cost, \$35,000
SAN FRANCISCO, Powell St. S Sutter Street.
Remodel present six-story Class C building for studio building (10 studios).
Owner—George Hansen.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.
Electric Work—Atlas Electric Co., 343 Fourth St., San Francisco.
Plumbing—Frank J. Klimm Co., 456 Ellis St., San Francisco.

Plans Being Prepared.
STOCK EXCHANGE Cost, \$—
SAN FRANCISCO, Pine and Montgomery Sts (Barnes Bldg.)
Fitting up stock and bond exchange.
Owner—Carl Rais Co.
Architect—Kent & Haas, 525 Market St., San Francisco.
Bids will be taken in one week.

Plans Being Prepared—Contract Awarded
BUNGALOW
BURLINGAME, San Mateo Co., Burlingame ave and El Camino Real.
One-story frame and stucco bldg., bungalow type.
Owner—Burlingame Chamber of Commerce.
Architect—E. L. Norberg, 580 Market st., S. F.
Contractor—C. B. McClain, 720 Farrington, ave., Burlingame.

LONG BEACH, Cal.—Meyer & Holler, 317 Wright & Calender Bldg., Los Angeles, completing plans for Class A department store which they will erect at Fourth St. and Pine Ave., for Hugh & Marti & Co.; 4-story, 150x150 feet, designed to carry two additional stories. Steel and reinforced concrete construction; cost, \$500,000.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

SAN FRANCISCO.
ALTERATIONS. Cost, \$75,000
 OAKLAND, Alameda Co., Cal., 15 Bush St. 179
 by J. L. Lott
 Remodel present building for restaurant
 (seat 60 capacity 600)
 Owner—John G. Gorman.
 Architect—Fred Contractor.
 Architect and Mgr. of Const.—Austin G.
 McWethy, 618 Mission St., S. F.
 Lessee—Foster Lunch System.

LOS ANGELES. Cal. Architect S.
 H. Jones, Inc., 717 Petroleum Securities
 Bldg., will prepare plans for class C
 store and office building, to be erected
 at Hollywood Blvd. and Western ave.;
 agent for owner is S. M. Weisman, care
 Metro Goldwyn Mayer Studios, Culver
 City, 12 stores in first floor and office
 suite in the upper floors. Brick construc-
 tion, 10x11 ft., structural steel, 1-story
 and basement.

Work Started.
OFFICES. Cost, \$—
SAN FRANCISCO. Howard Building,
 Post St. and Grant Ave.
 Fitting up offices.
 Owners—D. Simon.
 Architect—None.
 Contractor—W. D. Henderson, Monad-
 nock Bldg., San Francisco.

Excavating Contract Awarded.
STORE BLDG. Cost \$24,000
SAN FRANCISCO. Howard street near
 Fourth St.
 Two-story reinforced concrete store bldg.,
 50 x 80 ft.

Owner—Bingley Photo Engraving Co.,
 Call Bldg.
 Architect—W. H. Crim, 425 Kearny St.
 Contractor—W. D. Henderson, Monad-
 nock Bldg.

Excavating—B. Rosenberg, 58 Merlin St.
 Sub-bids are being taken on other parts
 of the work

Plans Being Figured.
OFFICE BLDG. Cost, \$20,000
OAKLAND. Alameda Co., Cal., Fifteenth
 and Harrison sts.
 Two-story steel frame and brick class
 C store and office building (8 stores
 and offices).
 Owner—Cot Investment Co.
 Architect—Leonard H. Ford, 1435 Harri-
 son St., Oakland.
 Segregated bids are being taken.

Work Started.
STUDIO. Cost, \$35,000
SAN FRANCISCO. Powell St. S. Sutter
 Remodel present six-story Class C build-
 ing for studio building (10 studios).
 Owner—George Hansen.
 Architect—S. Heiman, 57 Post St., San
 Francisco.
 Contractor—J. S. Malloch, 666 Mission
 St., San Francisco.

LOS ANGELES, Cal.—Architects John
 and Donald E. Parkinson, 420 Title In-
 surance Bldg., commissioned to prepare
 plans and P. J. Walker Co., 1111 W. M.
 Garland Bldg., will superintend construc-
 tion of new branch of Federal Reserve
 Bank, to be erected at Tenth and Flower
 Sts. The entire building will be oc-
 cupied by the bank and the preliminary
 plans call for a four-story and base-
 ment building of Class A construction
 designed for a height limit structure;
 will probably cover entire site which is
 100x160 feet; steel frame and reinforced
 concrete construction. Preliminary
 plans and estimates will be prepared at
 once by the architect and general con-
 tractor.

PORTLAND, Ore.—Dougan-Hammon
 Constr. Co., Kraemer Bldg., Portland, at
 approx. \$850,000 awarded contract to
 erect 10-story reinforced concrete Medico
 Dental building at 11th and Taylor Sts.
 for H. S. and D. Investment Co., to be
 operated by H. H. Lehman, 224 Park
 Bldg., Portland. Exterior facing of
 brick with stone trimmings. L. L. Dou-
 gan, architect, Kraemer Bldg., Portland.

Segregated Bids Being Taken.
STORE BLDG. Cost \$10,000
OAKLAND. Alameda Co., Cal., Grand
 avenue.
 One-story reinforced concrete class C
 store bldg., 4 stores.
 Owner—Harold Holmes.
 Architect and Mgr. of Const.—McWethy
 & Gorman, 2910 Telegraph ave.,
 Oakland.

Contracts Awarded.
REMODEL. Cost \$—
OAKLAND. Alameda Co., Park Blvd.
 Owner—American Trust Co., 464 Cali-
 fornia St., S. F.
 Architect and Mgr. of Const.—C. R. Col-
 lins, 161 California St., S. F.
Marble—Eisele & Dondero, 2895 3rd St.,
S. F.
Glass—Crowe Glass Co., 675 Golden Gate
ave., S. F.
Gas steam radiators—H. C. Stoeckle, 77
O'Farrell St., S. F.
Plumbing—Scott Co., 113 10th St., Oak-
land.
Finish hardware—Palace Hardware Co.,
581 Market St., S. F.
Cabinet work—Hay City Cabinet Co., 1076
5th St., Oakland.
Vault doors—Hermann Safe Co., Howard
and Main sts., S. F.
Wrecking, concrete—George Swanstrom,
1723 Webster St., Oakland.
Lighting fixtures—Byington Electric Co.,
1809 Fillmore St., S. F.
Painting—William McPherson, 924 Par-
dee St., Oakland.
Roofing—H. C. Brown Roofing Co., 3267
San Pablo ave., Oakland.
Ornamental iron—Monarch Iron Works,
262 7th St., S. F.
Sheet metal—Superior Metal Products Co.,
461 Market St., S. F.
Plastering—A. J. Hillam, 354 Hobart St.,
Oakland.
Electrical work—H. & H. Electrical Co.,
2905 College ave., Oakland.

DAVIS, Yola Co., Cal.—Wm. Jensen,
 Davis, awarded contract by A. G. Brin-
 ley to erect one-story brick store build-
 ing adjoining Varsity Theatre; will con-
 tain two or three stores. Plans by E.
 M. McGuire.

THEATRES

Sub-Contracts Awarded.
THEATRE. Cost, \$93,000
DAILY CITY. San Mateo Co., Cal.
 One-story steel frame and concrete
 theatre and store building (2 stores,
 theatre seating 1250).
 Owner—Jefferson Theatre, E. Baron and
 Carol Nathan, proprietors.
 Architect—C. H. Jensen, 605 Market St.,
 San Francisco.
 Contractor—Anderson & Ringrose, 320
 Market St., San Francisco.
Painting—American Painting Co., 938
Howard St., San Francisco.
Lumber—Smith Lumber Co., 4th and
Channel Sts., San Francisco.
Sheet Metal Work—Fire Protection Pro-
ducts Co., 3117 20th St., San Fran-
cisco.
Sub-Bid wanted.
THEATRE. Cont. Price, \$185,000
OAKLAND. Alameda Co., Cal. S 17th st.
 bet. San Pablo and Telegraph Aves.,
 100x105 feet.
 Class A theatre building to be known as
 Duffin Theatre (seating 1250)
 Owner—Income Properties of Calif., Inc.,
 436 14th St., Oakland (Fred Proctor).

Lessee—Henry Duffy, % Alcazar Theat.
O'Farrell St., near Powell, S. F.
Architect—Weeks & Day, Financial Cen-
ter Bldg., San Francisco.
Contractor—Charles Heyer, Mills Bldg
San Francisco.

Sub-Bids Being Taken.
THEATRE. Cont. Proce \$185,000
OAKLAND. Alameda Co., Cal. S Seven-
 tenth St., bet. San Pablo and Tele-
 graph Aves., 100x105 feet.
 Class A theatre building to be known as
 Duffin Theatre (seating 1250).
 Owner—Income Properties of Calif., Inc.,
 436 14th St., Oakland (Fred Proctor).
 Lessee—Henry Duffy, % Alcazar Theat.
 O'Farrell St., near Powell, S. F.
 Architect—Weeks & Day, Financial Cen-
 ter Bldg., San Francisco.
 Contractor—Charles Heyer, Mills Bldg.,
 San Francisco.

Plans Being Completed.
THEATRE. Cost \$100,000
MERCED. Merced Co.
 Two-story class C theatre bldg., seating
 capacity 1500.
 Owner—Merced Theatre (Frank J. Al-
 berti, mgr.).
 Architect—Mark T. Jorgensen, 742 Mar-
 ket St., S. F.
 The plans will be ready for bids April
 6th.

WHARVES AND DOCKS

SANTA CATALINA ISLAND, Cal.—
 Application has been made by Santa
 Catalina Island Co. for War Dept. per-
 mission to const. wharf at Toyon Cove,
 Santa Catalina Island, Calif., the wharf
 to extend into San Pedro Channel a dis-
 tance of about 200 ft. from high water
 line.

Plans Being Figured.
WHARF. \$—
RICHMOND. Contra Costa Co., Water-
 front.
 Wharf (40 x 250) piling and mill con-
 struction.
 Owner—Petroleum Securities Co.
 Architect—Engineering Dept. of owner.

OAKLAND, Cal.—Until April 2, 4:30
 P. M., bids will be received by G. B.
 Hegardt, Secty., City Port Commission,
 Oakland Bank Bldg., to erect office par-
 titions and toilet rooms in Grove Street
 Pier shed. Bid opening postponed from
 March 26. Cert. check 10% req. with bid.
 Plans obtainable from Secty. on deposit
 of \$5, returnable.

Plans Being Figured—Bids Close April
11, 2 p. m.
WHARF. Cost \$100,000
SAN FRANCISCO. Islais Creek.
 Extend sub-structure of wharf for Grain
 Terminal.
 Owner—State Board of Harbor Commis-
 sioners.
 Engineer—Frank White, Ferry Bldg.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1897

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured—Bids Close Apr. 2
LAUNDRY With equip. \$200,000
SAN JOSE, Santa Clara Co., Cal., St. Johns st. bet. 14th and 15th.
 On story reinforced concrete laundry bldg.

Owner—Temple Laundry.
Architect—Binder & Curtis, 35 W San Carlos st., San Jose.
Equipment—American Laundry Machinery Co., 912 Howard st., S. F.

Bldg. Opened—Under Advertisment.
UNDERTAKING PARLOR Cost \$17,000
OSOLA, Colusa Co., Cal.
 On story frame and stucco undertaking parlor.

Over—Sullivan Bros.
Architect—W. H. Weeks, Hunter-Dulin Bldg., S. F.; 1736 Franklin st., Oakland; 246 S-First st., San Jose.

Contract Awarded.
OPERATIONS Cost, \$9000
SAN FRANCISCO, No. 80 Ellis St.
 Operations and additions to bowling alley.

Over—Brunswick, Balke, Collender Co.
 Pks by Owner.
Contractor—J. A. Grant, 666 Mission St., San Francisco.
 Building permit applied for.

BERKELEY, Alameda Co., Cal.—The Standard Fence Co., 60th and Lowell sts., Oakland, at \$1680 was awarded the contract by Emma M. Hann, city clerk, to finish and erect fencing around Grove Pyrgounds in Grove st. bet. Oregon and Russell.

MARYSVILLE, Yuba Co., Cal.—City has granted building permit and work has been started on reinforced concrete and steel with stucco exterior motor hotel at Fourth and 1 sts. for Dunning Bros., operators of the California Garage. The unit will cost \$29,946, the ultimate cost of construction being estimated at \$0,000. Building now in course of construction will comprise one and two story units to contain 13 stores and 52 guest rooms, 14 cabins and swimming pool.

BERKELEY, Alameda Co., Cal.—Regents of the University of California approve proposal to increase seating capacity of Memorial Stadium to more than 9000 by the addition of another deck. It is proposed to have construction completed in time for the U. S. C. game in the fall and the Big Game.

Contract awarded.
BUILDINGS Cost \$75,000
FRESNO, Fresno Co.
 One 1-story buildings, pump houses, offices, supt. cottage.
Owner—Pacific Fruit Express Co., 65 Market st., San Francisco.
Architect—Engineering Dept. of owner.
Contractor—Lynch Construction Co., 1701 Zonal st., Los Angeles.
 101) 1st rep. Feb. 7, 1928; 2nd rep.

RICHMOND, Contra Costa Co., Cal.—Mr. Sanford, general contractor, 337 10th st., Richmond, is in the market for sub-bids on all parts of the work in connection with a one-story reinforced concrete stores department building for the Santa Fe Railroad at Richmond. The structure will cost \$90,000. Bids will be opened in the Los Angeles offices of the railroad March 31.

OAKLAND, Cal.—Until April 5, 3 p. m., bids will be received by Arthur P. Davis, general manager, East Bay Municipal Utility Dist., 1924 Broadway, to move three frame houses at Holt, Cal. Further information obtainable from J. S. Longwell, 411 First National Bank Bldg., Stockton.

FRESNO, Fresno Co., Cal.—City Commission contemplates bond issue to finance establishment of a municipal airport.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 9, 9 A. M., to be opened at 30 A. M., bids will be received by S. J. Evans, city clerk, to fur. and install traffic signal equipment at various intersections in city. Cert. check 10% payable to city req. with bid. Specifications in file in office of clerk. Roy Fowler, city engineer.

YOUNTVILLE, Napa Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, March 27, to erect two-story frame and stucco employees' building and store room and employees' cottages at Veterans' Home, Yountville. The store room and employees' building is a 2-story reinforced concrete building with cement finish floors and tile roof. The two employees' cottages are one-story each with reinforced concrete foundations, the balance being frame with plastered exterior and tile roof. Plumbing, heating and electrical work is included:

F. H. Cress, \$28 Excelsior st., Oakland.	\$28,675
F. R. Siegrist & Son, S. F.	29,777
J. E. Branagh, Oakland	31,400
Peter Sorensen, S. F.	31,773
Vogt & Davidson, S. F.	21,843
Coffield & Arntz, Napa	32,189
A. W. Hildebrand, Santa Rosa	32,450
J. A. Bryant, S. F.	32,742
A. Cedarborg, Oakland	32,840
Monson Bros., S. F.	32,960
Carl N. Swensen, San Jose	32,299
J. S. Hannah, S. F.	33,472
R. W. Littlefield, Oakland	34,230
F. J. Mauer & Son, Eureka	34,435
R. B. McKenzie, Oakland	34,875
William Martin, S. F.	34,690
Mahoney Bros., S. F.	36,600
J. Pringle, Burlingame	36,000
J. W. Cobby & Sons, S. F.	39,860
E. T. Leiter & Son, Oakland	44,867

Bids taken under advisement.

BERKELEY, Alameda Co., Cal.—On recommendation of Parent Teachers' Association, city recreation commission, contemplates establishment of a \$200,000 playground in southeast section of city.

Sheet Metal Contract Awarded.
ARENA Cost \$400,000
SAN FRANCISCO, NW Steiner & Post. Steel frame & concrete arena, 275x137.6 feet.
Owner—Dreamland Auditorium, Inc. 1725 Steiner St., Isadore Zellerbach and Andrew H. Maloney.
Architect—Ward & Blohme, 319 Sansome street.
Contractor—Barrett & Hilp, 918 Harrison Street.
Supt. of Constr.—James L. McLaughlin, 251 Kearny St., S. F.
Sheet Metal—Guilfoyle Cornice Works, 1234 Howard St., S. F.
 Other awards per per. 3097.

SAN FRANCISCO — Western Pacific Railroad Co., Mills Bldg., (and its subsidiary companies) during the present year will expend \$6,000,000 in betterments and extensions. Chief of the new construction items planned for 1928, is a line thirty-six miles long from near Willotta in Solano county to Petaluma, connecting at the later point with the Petaluma and Santa Rosa Electric Railroad. Connection at Willotta will be with the so-called "orphan" branch of the Sacramento Northern (Vaca Valley Line), owned by the Western Pacific. The company also will expend \$500,000 on the purchase of the Union Belt Line in Oakland. A one and one-quarter mile line to be built at Wells, Nevada, to make a connection with the Union Pacific's branch line leading to the Twin Falls, Idaho, district. This will cost \$160,000. The 1928 budget provides \$4,369,420 for improvements as follows: Bank widening bet. Oakland and Sacramento to cost \$160,000; laying new rails bet. Oakland and Stockton to cost \$610,000; rock ballasting bet. Oakland and Stockton, \$630,000; rock ballasting at points bet. Oroville and Portola, eighteen miles, \$125,000; new bridges and trestles, steel or concrete, six in Nevada and three in California, \$180,000; freight car rebuilding \$600,000; four latest type coach-dining cars, \$175,000; additional passing tracks and extensions chiefly bet. Oroville and Portola, \$310,000; added facilities at terminals, yards, depots, with new industrial tracks.

NEWMAN, Stanislaus Co., Cal.—Bids will be asked at once by city trustees to erect concrete bandstand in municipal park; will also provide for storage quarters and comfort station. Plans on file in office of city clerk.

PORTERVILLE, Tulare Co., Cal.—City will hold election shortly to secure sentiment of voters with regard to establishment of a civic center and the purchase of property required for same.

Contract Awarded.
MAUSOLEUM Cost, \$100,000
SANTA CRUZ, Santa Cruz Co., Cal. Graham Hill Road and Ocean St., Opp. Odd Fellows' Cemetery.
 Reinforced concrete mausoleum with interior of marble and bronze.
Owner—Memorial Mausoleum Association
Architect—B. J. S. Cahill, 357 12th St., Oakland.

Contractor—Hamilton & Church, Santa Cruz.
 Those interested in the project include Henry Hamilton, C. A. Lindbergh, Wm. B. Parsons, J. M. Church and Harry Bias.

OAKLAND, Cal.—Until April 20, 7:30 P. M., bids will be received by John H. Kimball, Secty., East Bay Municipal Utility District, 1924 Broadway, to fur. and apply aluminum paint to exposed pipe, expansion and steel towers on Mokelumne Pipe Line. Spec. obtainable from above.

TAFT, Kern Co., Cal.—Until April 2, 7:30 p. m., bids will be received by C. A. Page, city clerk, for exterior painting, two coats, of firehouse in 4th st. and chief's dwelling adjacent thereto at 4th and Kern sts. Two coats Sherman-Williams paint or equal, pearl gray, omitting stucco front of firehouse. Cert check 10 per cent req. with bid. Further information obtainable from clerk.

EUREKA, Humboldt Co., Cal.—Until April 3, 8 P. M., bids will be received by A. Walter Kildale, city clerk, to fur. and erect 179 boulevard stop signs complete; 88 parking limit signs complete; 12 No Complete Left Turn signs complete. Specifications on file in office of city clerk.

SAN JOSE, Santa Clara Co., Cal.—Thermotite Construction Co., 390 Stockton Ave., San Jose, at \$8993 awarded contract by city council to const. reinf. conc. pedestrian subway with appurtenances under The Alameda at Hester Ave., includ. lighting, drainage system, two sump holes, vit. sewer, etc. Other bids: Granite Construction Co., \$9755.20; O. G. Ritchie, \$9760; A. J. Raisch, \$10,600.

STOCKTON, San Joaquin Co., Cal.—Southern Pacific Co., 65 Market st., San Francisco, contemplates early construction of a modern freight and passenger depot at Stockton, according to work received by the local chamber of commerce.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—The names and addresses of the parties concerned in these opportunities may be obtained from the office of the Larsen Advance Construction Reports, 547 Mission st., San Francisco, either by phone, letter or personal call. Such requests should be accompanied by the index number of each opportunity, and self-addressed envelope for reply by mail.

12791—Fine Furniture. Guadalajara, Mexico. Manufacturers of fine furniture seek connections with San Francisco dealers who might be interested in handling their line.

12792—Hardware and Furniture. Hermosillo, Mexico. Commission representative desires to get in touch with furniture manufacturers, hardware manufacturers and jobbers of kindred lines, as he contemplates opening a hardware store in Hermosillo and will be in the market for the above-mentioned lines.

12793—Cuban Representation. Havana, Cuba. Company having a well established commercial department for representation of American industries in Cuba, offers its facilities to San Francisco manufacturers, merchants and exporters, who are not already represented in Cuba. Company has excellent facilities and extensive business connections and can give best banking and commercial references.

12922—Buying Representation in France. Paris, France. Established organization of buying agents and shippers are open to act in that capacity for one or two important San Francisco firms. Excellent bank and commercial references are supplied.

Continued on Page 20)

Engineering News Section

BRIDGES

FRESNO AND MADERA COUNTIES.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm. to const. bridge over San Joaquin river about 1 1/2 mi. north of Herndon, consisting of 110 ft. deck steel spans, two 80 ft. deck plate girder spans and one 61-ft. deck plate girder span on conc. piers with pile foundations. C. H. Purcell, State highway eng. See call for bids under official proposal section in this issue.

PLACER COUNTY, Cal.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm. to const. two reinf. conc. girder bridges, one across Rock Creek, 1 1/2 mi. west of Westwood consisting of two 20 ft. spans and another across Bailey Creek, 7 1/2 mi. west of Westwood, consisting of one 36 ft. span and two 22 ft. spans. C. H. Purcell, State highway eng. See call for bids under official proposal section in this issue.

DEL NORTE COUNTY, Cal.—See "Sewers and Street Work," this issue. Bids wanted for 7.3 mi. grading and surfacing with crushed gravel or stone and const. of 4 timber bridges for State Highway Commission.

NEWPORT BEACH, Cal.—Application has been made by City for War Dept. approval of plans of highway bridge to be const. in Newport Bay from Marine Ave., Balboa Island, north to the mainland. The plans for bridge provide for a clear height of fourteen at mean lower low water and a clear width bet. piles on 25 ft.

SACRAMENTO, Cal.—Business interests will confer with city commissioners regarding immediate const. of bridge at the mouth of the American River. Early construction is prompted due to conditions caused by recent high water conditions. Chas. Deterding, county engineer.

NAPA, Napa Co., Cal.—City Eng. H. A. Harold in report to city council estimates cost of bridge in Third street "not to exceed \$100,000."

SACRAMENTO, Cal.—As previously reported, C. J. Nystedt, 865 Commercial Savings Bank Bldg., Stockton, at \$221,117.86 sub. low bid to county to const. bascule steel bridge over Sacramento river, near Freeport; 659 ft. in length with two draw spans giving clear channel space of 200 ft. Other bids, all taken under advisement, are: Schuler & Macdonald, Oakland, \$226,673.65; Holdener Construction Co., Sacramento, \$235,887.20; A. W. Kitchen, San Francisco, \$253,191.21; Geo. Pollock, Sacramento, \$255,427.99; Butte Construction Co., San Francisco, \$265,974.13. Bids referred to County Engineer Chas. Deterding for report.

OAKLAND, Cal.—Alameda county supervisors has awarded franchise to interests represented by T. A. Tomasini of Albany to construct and operate a toll bridge from Albany, Alameda county, to Blair Pond in Alameda county.

HUMBOLDT COUNTY, Cal.—E. M. Skoog, Beaville, at \$29,982 (eng. est.) was awarded cont. by State Highway Comm. to const. two reinf. conc. bridges, one over Prairie creek about 1 1/2 mi. north of Orick, consisting of four 20 ft. spans, and another over Little Mary creek about 3 mi. north of Orick, consisting of one 10 ft. span and two 22 ft. spans.

IMPERIAL COUNTY, Cal.—Conway Merrill, Berkeley, Cal., at \$37,622 (eng. est.) was awarded cont. by State Highway Comm. to const. 19.7 mi. of concrete ditches and dykes and 8 timber bridges in Imperial County, bet.

Trifolium Drainage Canal and Arroyo Salado Wash.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—Application has been made by the city for War Department permission to const. in Pacific ocean a bulkhead and fill extending from Collins Way to Hart Place and from Seaside Blvd. seaward a distance of 690 ft., material for fill to be obtained by dredging in Outer Harbor. Permission is also requested to const. semicircular pleasure pier and enrockment from Pine Ave. to Linden Ave., extending 1400 ft. seaward from Seaside Blvd.

SAN FRANCISCO—U. S. Engineer office, 55 2nd St., plans to let contracts this season for considerable excavation work to be done by dragline excavators, adjacent to the San Joaquin river at and below Stockton. Firms owning dragline equipment and desiring to bid on this work should communicate with the District Engineer, at the above address.

LIGHTING SYSTEMS

SANTA BARBARA, Cal.—Bids will be asked at once by city to install ornamental lighting system in Estado St.; est. cost \$52,600.

STOCKTON, San Joaquin Co., Cal.—As previously reported, Globe Electric Co., San Francisco, at \$4933 sub. low bid to county to install street lighting system at courthouse. Other bids, all taken under advisement, were: Walker, Martin & Montgomery, \$5100; Jasper-Stacy, \$5200; Hild Elec. & Mfg. Co., \$5227; Butter Elec. Equip. Co., \$5775.

SALINAS, Monterey Co., Cal.—City Eng. Howard Cozzens preparing plans for Marbelite standards and G. E. globes and wiring for Monterey St. lighting system.

SANTA BARBARA, Cal.—City plans ornamental light system in State St., bet. Cabrillo Blvd. and Micheltorena St., involv. Ferronite cast iron metal standards, foundations, conduits, transformer vault, etc.; 1911 Act. E. B. Brown, city engineer.

SANTA PAULA, Cal.—City plans ornamental lighting system in Santa Paula St., bet. Palm Ave. and Ojai St., and

portions of 8th St., McKeveatt Rd. and Tenth St., involving 70 Marbelite 1100 posts; 1911 and 1915 Acts. A. G. Demarest, city clerk.

BERKELEY, Alameda Co., Cal.—Until April 3, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, (617) to install 14 Union Metal electroliners underground system in Ashby Ave., Grove St. and Shattuck Ave. 1911 Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans of in office of clerk.

CORONA, Cal.—Until 7 P. M., April 3, bids will be rec. to const. reinf. concrete post lighting system in Ramona Ave., Palm Ave., Olive St., and streets, under 1915 act, involv. 94 posts. Plans obtainable from A. M. Hinrichsen, city clerk.

MACHINERY AND EQUIPMENT

WHITTIER, Cal.—Until 7:30 P. M., April 9, bids will be rec. by city for 100-in. 5-roll standard flat wash iron, motor drive, one speed. Paul Gilman, city clerk.

LODI, San Joaquin Co., Cal.—Until April 16, 5 P. M., (to be opened 8 P. M.) bids will be rec. by J. F. Blakely, city clerk, to fur. f. o. b. cars, Lodi, combined street grader, roller and scarifier. Cert. check 10% req. with bid. L. F. Barzellotti, city eng. See call for bids under official proposal section in this issue.

EUREKA, Humboldt Co., Cal.—Until April 3, 8 P. M., bids will be rec. by Walter Kildale, city clerk, to fur. 6-cylinder automobile roadster for Traffic Officer with full equipment including spare tire. Bidders to make allowance for Chrysler roadster no longer req. from clerk.

SAN FRANCISCO—Until April 9, 10 A. M., bids will be received by Construction Quartermaster, Fort Mason, to furnish and install two oil burning radiators at Letterman General Hospital, Presidio. See call for bids under official proposal section in this issue.

KINGSBURG, Fresno Co., Cal.—Until April 11, 7:30 P. M., bids will be rec. by Kingsburg Joint Union High School District, to fur. and del. one 6-cylinder, ton chassis with frame extended, mount a 36 to 40-passenger body and fur. one 36 to 40-passenger bus body to be placed on chassis furnished by school board. Further information obtainable from Principal at high school.

GILROY, Santa Clara Co., Cal.—Until April 4, 8 P. M., bids will be rec. by E. F. Rogers, city clerk, to fur. a del. one Ford roadster. Cert. check 10% req. with bid. Further information obtainable from clerk.

FIRE ALARM SYSTEMS

EUREKA, Humboldt Co., Cal.—Until April 3, 8 P. M., bids will be rec. by A. Walter Kildale, city clerk, to recon. fire alarm system. Cert. check 10% payable to city req. with bid. Specifications in office of clerk.

SAN BERNARDINO, Cal.—Until 7:30 P. M., April 9, bids will be rec. to fur. 10 or more sets of automatic traffic intersection signals. Cert. check of 10%. J. H. Osborn, city clerk.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

FIRE EQUIPMENT

EUREKA, Humboldt Co., Cal. — City Clerk A. Walter Kildale will ask bids at once to fur. 1000 gal. per min. motor driven pump and 50 ft. motorized ladder service truck.

EUREKA, Humboldt Co., Cal.—Until April 3, 8 P. M., bids will be rec. by A. Walter Kildale, city clerk, to fur. one 1000-gal. motor driven fire pumping engine and one motor driven 50 ft. service truck equipped with ladders. Allowance to be made for turn-in of present service truck and 500-gal. Sissy steam fire engine no longer req. by city. Further information obtainable from clerk.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 P. M., April 9, bids will be rec. by water and power commission for iron and steel castings, under specifications P-514. Jas. P. Vroman, secretary.

RESERVOIRS AND DAMS

VENTURA, Cal.—Edwards Bros. Co., 310 Pacific Mutual Bldg., Los Angeles, sub. low bid to city at \$18,900 for excavating 70,000 cu. yds. for new reservoir. Salisbury, Bradshaw & Taylor, engineers, Los Angeles.

LONG BEACH, Cal.—Peterson Bros., Inglewood, was award. contr. by city council at \$2840 for tree planting in Pacific Ave., involv. fur. and plant. trees \$1488, (2) care for three years \$462 a year. San Pedro Nursery bid \$1655.84, \$629.20 a year care of trees.

SIGNAL HILL, Cal.—City Eng. Geo. A. Christensen completing plans for conc. reservoir, 55x120 ft. of 1,125,000 gal. capacity and settling basin, 100 by 150 feet.

PIPE LINES, WELLS, ETC.

BAKERSFIELD, Kern Co., Cal.—Southern California Gas Co., 401 Oak St., Bakersfield, seeks franchise from county supervisors to install network of gas lines throughout the northern section of the county supplying town of Delano, Wasco, etc.

REDWOOD CITY, San Mateo Co., Cal.—Until April 2, 3 p. m., bids will be rec. by W. A. Price, city clerk, to drill one deep well in connection with municipal water system. Cert. check \$200 req. with bid and payable to city. Spec. obtainable from C. L. Dimmitt, city eng.

SEWAGE DISPOSAL PLANTS

LEMOORE, Kings Co., Cal.—City declares inten. (88) to const. sewage treatment plant together with appurtenances, in Acq. and Imp. Dist. No. 2. Hearing April 10. C. C. Kennedy, engineer, Call Bldg., San Francisco. W. W. Sheahan, city clerk.

MISCELLANEOUS CONSTRUCTION

MARYSVILLE, Yuba Co., Cal.—Engineering Department of Southern Pacific Co., 65 Market St., San Francisco, has forwarded plans to city council for proposed pedestrian subway to be constructed alongside the vehicular subway in E. street at 17th St.; estimated cost, \$18,000. Railroad Commission rules that city pay 25% and r. r. remaining 75%.

WATER WORKS

SANTA ROSA, Sonoma Co., Cal.—Until April 3, 5 p. m., bids will be rec. by C. B. Reid, city clerk, to fur. 2000 lin. ft. c. i. class A bell and spigot water pipe, 4-in. internal dia. 12-ft. lengths, .42 in.

in thickness, in tons of 2000 pounds; 2 class D all bell tees, 4-in. int. dia.; 2 class D all bell crosses, 4-in. int. dia.; 2000 lin. ft. three-quarter in. wrought iron galv. water pipe. Cert. check 10 per cent payable to city req. with bid. Spec. on file in office of clerk.

SANTA ANA, Cal.—Bids rec. by city for cast iron pipe, involv. 18 ft. 24-in., 72 ft. 20-in., 3400 ft. 16-in., 1150 ft. 14-in., 3100 ft. 12-in., 2950 ft. 10-in., including gate valves, special fittings, etc., were: National C. I. Pipe Co., class "B" \$19,617.45, centrifugal pipe, \$18,336.97. American C. I. Pipe Co., class "B" \$19,408.55, centrifugal \$18,316.55. U. S. Cast Iron Pipe Co., class "B" \$19,023.83 centrifugal \$16,932.78.

RIVERSIDE, Cal.—A. L. Gabrielson, P. O. Box 104, Arlington, awarded contr. by city to const. water system in Washington and Bradley Sts., involv. 6-in. cast iron water mains, service connections, fire hydrants; cost \$25,000.

SAN MATEO, San Mateo County, Cal.—Until April 2, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to const. 40,000-gal. water tank and sub-structure. Bids to include removal of old tanks and frame work. Tank and sub-structure to be first grade merchantable redwood timber; 6-in. outlet pipe from bottom of tank to ground with gate valve to be included; gate valve to be connected to present 3-in. main. Cert. check 10 per cent req. with bid. See call for bids under official proposal section in this issue.

MONROVIA, Cal.—Until 7:30 p. m., April 16, bids will be rec. by city to fur. pipe and fittings for proposed \$175,000 water system improvements. Lewis P. Black, city clerk; H. S. Gierlich, city eng.

RED BLUFF, Tehama Co., Cal.—Crane Co., 1227 Front st., Sacramento, awarded contr. by city to fur. 200 ft. 4-in. steel pipe at \$55.48 per 100 ft. and for 2100 ft. c. i. 10-in. pipe at \$131 per 100 ft. Pacific States C. I. Pipe Co., San Francisco, awarded contr. to fur. 2800 ft. 6-in. c. i. pre-caulked pipe at 74½¢ per ft.

SACRAMENTO, Cal.—Henry D. De-weil, engineer, 55 New Montgomery st., San Francisco, will shortly submit report to city council covering damage to municipal filtration plant caused by shifting of the floors of the sedimentation basin. Three plans are said to be under consideration to repair the damage: (1) rehabilitate the chamber affected by driving several hundred piles and rebuilding the floor, (2) abandon the entire structure and build another set of chambers on another site; (3) build a new storage basin only on another site and continue to use existing chambers in old basin, with exception of No. 3, for sedimentation purposes.

SEATTLE, Wash.—Until April 3, 9:30 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, to fur. 2 power spray pumps, delivered to Woodland Park. Further information obtainable from above.

CENTERVILLE, Alameda Co., Cal.—Centerville Water Co. (R. H. Cross, owner), Mills Bldg., San Francisco, plans to purchase 2000 ft. 4-in. water mains to be installed in Centerville section, including 9 hydrants.

COMPTON, Cal.—City Manager C. A. Parrish authorized to purchase a sewage pumping plant to cost \$300.

ARMONA, Kings Co., Cal.—Plans and specifications are on file in the office of LARSEN ADVANCE CONSTRUCTION REPORTS for proposed domestic water system to be constructed for the Armona Public Utility District at Armona, Kings County, from plans of John B. Benedict, engineer, R. A. Box 131, Hanford. Project will involve 1180 ft. 8-in., 5970 ft. 6-in., 9450 ft. 4-in. and 1700 ft. 2-in. cast iron pipe; one 30,000 gal. tank and tower; one turbine pump and motor and well. Bids will be opened at Armona, April 3. Plans may be inspected by those interested in the project.

LOS ANGELES, Cal.—A 200,000 bond issue for a water distributing system has been voted by property owners in the Wilmington and Harbor District under Municipal Imp. Dist. No. 52.

SIGNAL HILL, Cal.—Bids will be asked shortly by Geo. H. Cooper, city clerk, to fur. pipe, trench, lay and backfill for pipe line involv. 7260 ft. 6-in., 16,000 ft. 8-in. and 7000 ft. 12-in. c. i. pipe in Walnut Ave., etc. Geo. A. Christensen, city engineer.

SIGNAL HILL, Cal.—City Eng. Geo. A. Christensen completing plan for pumping plant, equipment to consist of 2 pumps and electrical apparatus required for operation thereof. Bonds have been voted to finance construction.

SANTA BARBARA, Cal.—U. S. Cast Iron Pipe Co., Wright & Callender Bldg., Los Angeles, awarded contr. by city at \$18,605.25 for furnishing pipe and fittings, as follows: 3200 ft. 20-in. and 2100 ft. 16-in. class C cast iron pipe; 3 crosses, 16x8 all bells; 3 tees, 20x6 all bells; 2 wye branches 20x8 all bells; 1 plug 20x 2; 4 sleeves 20-in. And at \$10,981.60 for pipe and fittings as follows: 1200 ft. 12-in., 5000 ft. 8-in. and 8000 ft. 6-in. class B cast iron pipe; 12 tees 8x6 two bells and one spigot; 12 tees 12x6 two bells and one spigot; 12 curves 8-in. 45 degrees bell and spigot; 12 curves 8-in. 22½ degrees bell and spigot; 12 sleeves 12-in.; 12 sleeves 8-in.; 12 sleeves 4-in. These are respectively known as groups No. 1 and No. 2.

LOS ANGELES, Cal.—Until 3 p. m., March 30, bids will be rec. by water and power commission for 37,000 ft. 1-in. galv. extra heavy wrought steel pipe; P. A. Adv. W-881. James P. Vroman, secty.

PLAYGROUNDS AND PARKS

BERKELEY, Alameda Co., Cal. — On recommendation of Parent Teachers' Association, city recreation commission contemplates establishment of a \$200,000 playground in southeast section of city.

SEWERS AND STREET WORK

BERKELEY, Alameda Co., Cal.—Jasper-Stacy Co., 216 Pine St., San Francisco, sub. low bid to Regents of the University of California, at (a) \$4284.21 development and imp. Strawberry Canyon roads and (b) at \$10,053.75 general excavation, fill and grade site and roads for Poultry Research Station in Strawberry Canyon, Berkeley and Oakland. Following is complete list of bids rec.: Jasper Stacy, San Francisco, (a) \$4284.81; (b) \$10,053.75.

L. L. Page, Richmond (a) \$5020.15; (b) \$10,693.40.

Lee J. Immel, Berkeley (a) \$4693.45; (b) \$11,693.25.

Tieslau Bros., Berkeley (a) \$4787.80; (b) \$12,076.05.

Chas. Harlowe Jr., San Francisco (a) \$5965.20; (b) \$11,069.

Peres Bros., Richmond (a) \$4436.25; (b) \$12,336.25.

Stanley Construction Co., San Francisco (a) \$4017.50; (b) \$16,178.

G. E. Fennell (a) \$5083; (b) \$15,154.50.

Arris-Knapp Co., Oakland (a) \$6916; (b) \$18,172.

W. Hauser (a) \$6624.50; (b) \$19,923.50.

Central Constr. Co (a) \$6028.50; (b) \$23,753.55.

Bids taken under advisement until April 10.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids wanted to construct storm water drain under Specification 5492.

SANTA ROSA, Sonoma Co., Cal.—Until April 10, 1:30 P. M., bids will be rec. by W. S. Coulter, county clerk, to const. Hilton Cut No. 2, River Rd., at Sta. 559 N. W. Pac. R. R. Co. in 5th Sup. Dist., involv. 6000 cu. yds unclassified excavation; est. cost \$4800. Plans obtainable from County Surveyor E. A. Peugh.

OAKLAND, Cal.—Until April 5, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Etie St., 28th St., etc., involv. grade; curbs; pave; cem. walks; culvert; sewers with appurtenances. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Geo. N. Randle, city engineer.

GROSVILLE, Butte Co., Cal.—Until April 6, 2:30 p. m., bids will be rec. by C. F. Redding, county clerk, to fur and spread broken stone on Humboldt rd. from Sta. 961 plus 60 to 1957 plus 60. Cert. check or cash for 10 per cent req. with bid. Plans obtainable from County Road Eng. Harry H. Hume. See call for bids under official proposal section in this issue.

SALINAS, Monterey Co., Cal.—W. A. Pontanville, Salinas, at \$37,972.52 awarded cont. by city (66) to imp. John and Monterey Sts., involv. grade; hyd. conc. curb; 6-in. hyd. conc. pave.; corr. iron culverts; hyd. conc. catchbasins. 1911 Act, Bond Act 1915. Other bids: Western Paving Co., San Francisco, \$38,127.04; Hanrahan Co., San Francisco, \$39,712.96; Granite Construction Co., Watsonville, \$41,077.89; Prentiss Paving Co., San Jose, \$41,213.78.

MERCED, Merced Co., Cal.—City declares inten. (603) to imp. intersection of N St., at 18th, 19th and 20th Sts., involv. repave with asph. conc. base, Warrenite-Bit. surface; main and branch corr. iron culverts. 1911 Act, Bond Act 1915. Protests April 16. W. T. Cough, city clerk. W. E. Bedesen, city engineer.

MERCED, Merced Co., Cal.—City declares inten. (606) to grade and pave south 6 ft. of North 25 ft. of 16th St., bet. 11 and 1 Sts., with 5-in. Willite asph. conc. pave.; comb. hyd. conc. curb and gutter. 1911 Act, Bond Act 1915. Protests April 16. W. T. Cough, city clerk. W. E. Bedesen, city engineer.

SANTA BARBARA, Cal.—Until 2 P. M., April 5, bids will be rec. by city to widen, pave and const. sewer in portion of Tallant Road in Oak Park, involv.: 2208 sq. ft. 5-in. asph. conc. pave.; 275 cu. yds. of excav.; 279 lin. ft. of conc. curb; 190 lin. ft. of 6-in. c. i. sewer; 1 sewer manhole with cast frame and cover; 25 lin. ft. 12-in. corr. iron pipe; 1 conc. box with w. i. grate; 190 lin. ft. 6-in. steel pipe sewer to be removed. Plans obtainable from City Eng. E. B. Brown, upon deposit of \$5. Cert. check or bond 10%.

OAKLAND, Cal.—City Commissioner Parker advocates const. of storm sewer in Grand avenue from Piedmont city limits emptying into Lake Merritt; estimated cost \$150,000, the cost to be borne by an assessment district to include all territory contributing to the Grand Ave. storm and flood conditions and the city of Oakland. Geo. N. Randle, city eng.

OAKLAND, Cal.—City will call election Aug. 23 to vote bonds to finance const. of adequate drainage in various sections of the city. In addition to the amount of bonds to be voted, a proposal to release \$250,000 left over from a previous sewer bond issue will also go on the ballot. Geo. N. Randle, city eng.

LOS ANGELES, Cal.—Griffith Co., L. A. Railway Bldg., at \$412,295 awarded cont. by county to imp. Long Beach Blvd., bet. north boundary flood control channel and Willow St., involv. grade; curbs; walks; gutters; conc. pave.; reinf. conc. pipe, etc.

LAKEPORT, Lake Co., Cal.—County supervisors will call election shortly to vote bonds of \$200,000 to finance const. of county highway from Upper Lake to Lower Lake.

LOS ANGELES, Cal.—Griffith Co., L. A. Railway Bldg., at \$211,504 awarded cont. by county at \$211,505 to imp. Long Beach-Redondo Rd., and Roeha St., bet. Long Beach City limits and Main St., involv. grade; asph. conc. base pave. with Warrenite-Bit. surface, etc.

LOS ANGELES, Cal.—Los Angeles Paving Co., 3200 E. Vernon Ave., at \$152,850 sub. low bid to Bd. Pub. Wks., for imp. in Sawtelle Blvd. and Missouri Ave. Imp. Dist., involv. in the main 25,670 cu. yds. dist.; 263 cu. yds. fill; 536,335 sq. ft. 6½-in. asph. pave.; curbs; walks; gutters; san. sewer; water system.

J. L. McClain, 3452 W. Slauson Ave., low at \$147,912 to imp. Killgore Ave. and First Ave. Imp. Dist., involv. in the main grade; 506,241 sq. ft. 6-in. conc. pave. of which 487,576 sq. ft. has 8-in. center line expansion joint; storm drain; san. sewer.

Macdonald & Kahn, Spring Arcade Bldg., low at \$146,165 to imp. Verdugo Rd., bet. Hilda Ave. and Ave. 35, involv. in the main grade; conc. pave.; curbs; walks; storm drain; water system; hse. sewers, etc.

SAN JOAQUIN COUNTY, Cal.—Following are three low bids rec. March 28 by State Highway Comm. to grade and pave with Port. cem. conc. 6.8 mi. in San Joaquin county bet. San Joaquin river and French Camp: Frederickson Bros., 1st Nat'l Bank Bldg., Stockton, \$203,847; Hanrahan Co., San Francisco, \$205,765; J. S. Knapp, Stockton, \$206,900. Engineer's estimate, \$246,609.

LOS ANGELES, Cal.—J. C. Hickey, 320 S. Palm Ave., Alhambra, at \$165,898 awarded cont. by county to const. cem. pipe san. sewers in Co. Imp. 517, Boyle Heights District.

SACRAMENTO, COUNTY, Cal.—Following bids rec. March 28 by State Highway Comm. to const rock borders and oil treat 13.1 mi. in Sacramento county, bet. McConnell Station and Sacramento: Mankel & Starring 2924½ 35th St., Sacramento, \$24,426; E. F. Hilliard, Sacramento, \$25,392; McGillivray Constr. Co., Sacramento, \$25,944. Eng. estimate, \$25,875.

RICHMOND, Contra Costa Co., Cal.—California Construction Co., 58 Second St., San Francisco, at \$44,387 sub. low bid to city, C. Paris, city clerk (423) to imp. Standard Ave., bet. Garrard Blvd. and pt. 5 ft. n. w. of Castro St. and portions of Castro St., Tewksbury, Santa Fe, Washington and Railroad Ave. and Garrard Blvd., involv. grade; 4-in. broken stone cushion; 3-course asph. conc. pavement; corr. iron and conc. culverts; conc. catchbasins, etc. Other bids, all taken under advisement were: McDonald & Maggiora, \$45,838.50; Hutchinson Co., \$46,538; Warren Construction Co., \$47,187.50.

PALO ALTO, Santa Clara Co., Cal.—Board of Public Works at \$1622.90 awarded cont. by city council (618) to const. storm drain system in portions of Kellogg Ave. and Webster St., involv. 105 lin. ft. 10-in., 762 lin. ft. 15-in., and 225 lin. ft. 18-in. cem. conc. sewer; 2 manholes; 6 catchbasins. Prentiss Paving Co., San Jose, at \$1916 was previous low bidder on this project, when bids were rejected.

LOS GATOS, Santa Clara Co., Cal.—Until April 10, bids will be rec. by Donna M. Winning, city clerk, (7) to imp. portions of Bean Ave., Nicholson Ave., Almendra Ave., Elm St., etc., involv. grade, pave., walks, curbs, catchbasins, culverts, sewers, manholes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

MADERA COUNTY, Cal.—Callahan Construction Co., 205 S. Broadway, Los Angeles, at \$120,682, awarded cont. by State Highway Comm. to pave with asph. conc. 6.5 mi. in Madera county, bet. Tharsa and Arcola School.

PORTERVILLE, Tulare Co., Cal.—City declares inten. (132) to imp. East Bellevue Ave., bet. Sunnyside Ave. and 2nd St. and unpaved portions of intersection of East Bellevue and Sunnyside Aves., involv. grade; cem. conc. curb; part circle corr. iron culverts; 5-in. hyd. cem. conc. pave. 1911 Act, Bond Act 1915. Protests April 17. W. R. Means, city clerk.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

DEL NORTE COUNTY, Cal.—L. B. Weber Construction Co., Crescent City, at \$26,007 (eng. est. \$27,145) awarded contract by State Highway Comm. to surface with crushed gravel or stone 15 mi. in Del Norte county, bet. Wilson Creek and Crescent City.

GLENN COUNTY, Cal.—L. G. Kipp, Sacramento, at \$6160 awarded cont. by State Highway Comm. to fur. and del. stand. road surfacing on approx. 5 mi. of highway bet. Orland and Hamilton City. Eng. est. \$11,500.

LOS ANGELES, Cal.—Curtis Paving Co., 2440 E-26th St., at \$204,943 awarded cont. by Board of Public Works to imp. San Fernando Rd., bet. north city limits and north city line of San Fernando, involv. grading; asph. conc. pave.; water mains.

GLENDALE, Cal.—O. G. Gadza, 652 N. Grand Ave., Los Angeles, sub. low bid to city at \$92,249.92 for sewer const. in Sewer District No. 13, Cumberland and other streets, involv.: 60,696.26 lin. ft. 8-in. vit. sewer pipe; 114 lin. ft. 8-in. vit. sewer pipe, encased; 676 lin. ft. 10-in. vit. sewer pipe; 24 lin. ft. 10-in. vit. sewer pipe, encased; 20,790 lin. ft. vit. sewer pipe, H. C.; 115 manholes; 29 drop manholes; 29 junction chambers; 19 flush tanks; 1 flush tank with app. furnished; 73 wytes. The unit prices were: 8-in. vit. 96c ft., 8-in. encased \$1.20 ft., 10-in. encased \$1.35 ft., 10-in. vit. \$1.05 ft., 6-in. house sewers 86c ft., manholes at \$70 each, drop manholes at \$75 each, junction chambers at \$71 each, flush tanks at \$140 each, covering flush tank into manhole, \$20, building flush tank with apparatus furnished, \$100.

SANTA ROSA, Sonoma Co., Cal.—Until April 3, 8 P. M., bids will be rec. by C. B. Reid, city clerk, (1401) to imp. Oak St., bet. Brown and Hendley Sts., involv. grade; 4-in. macadam base, 3-in. asph. conc. surface pave; hyd. conc. curbs and gutters. 1911 Act. Cert. check 10% payable to city reg. with bid. Plans on file in office of clerk.

BAKERSFIELD, Kern Co., Cal.—Plans have been adopted by city council for paving 24th St., from Oak St. to H St., 15 blocks. W. D. Clarke, city clerk.

RICHMOND, Contra Costa Co., Cal.—Fred Meyer, 120 South 23rd St., Richmond, at \$9943.63 sub. low bid to city (450) to const. 6-in. and 8-in. vit. sewers in portions of Kern, Amador, Humboldt and Ventura Sts., Esmond, Garvin, Solano, Clinton and Sierra Aves. and Key Blvd., includ. br. and conc. manholes. Other bids, all taken under advisement, were: Robt. B. McNair, Oakland, \$10,-545.40; Thos. F. Geary, Oakland, \$15,-163.65; L. L. Page, \$16,764.20.

BAKERSFIELD, Kern Co., Cal.—City council rejects bids to const. curbs and walks in Union Ave., bet. Kentucky St. and Lincoln Ave., and new bids will be asked at once. Similar action taken on bids for curbs and walks in portion of Union Ave., just outside city limits. W. D. Clarke, city engineer.

SALINAS, Monterey Co., Cal.—Until April 9, 7:30 P. M., bids will be rec. by M. R. Keef, city clerk, (67) to imp. Front St., bet. John and Maple Sts., grade; hyd. conc. curbs; 5-in. hyd. conc. pave.; hyd. conc. walks. 1911 Act. Bond Act 1915. Cert. check 10% payable to city reg. with bid. Plans on file in office of clerk. Howard Cozzens, city engineer.

SANTA BARBARA, Cal.—City plans to imp. East Cabrillo Blvd., bet. State and Santa Barbara Sts., involv. grading, 5-in. reinf. conc. pave, curb, 2-course cem. walk, 1½-in. galv. lighting conduit, widen existing bridge by const. of reinf. conc. addition; 1911 act. E. B. Brown, city engineer.

FRESNO, Fresno Co., Cal.—Thompson Bros., 2150 G St., Fresno, at \$38,054 awarded cont. by city (72-D), to imp. Los Angeles Ave., bet. Broadway and N Sts. and portions of Butler Ave., Cherry Ave., etc., involv. grade and regrade, cem. conc. curbs, gutters, driveway approaches and walks, corr. metal culverts, conc. culverts, manholes, 4-in. asph. conc. pave. with 1½-in. Warrenite-Bit surface. Hanrahan Co., San Francisco, \$39,182.87; Calif. Rd. & St. Imp. Co., \$39,625.91, were other bidders.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Board of Public Wks. to imp:

Roanoke st. bet. Chenery and Laidley sts., involv. granite curb, side sewers, art. stone walks, 7-ft. strip basalt block pave adjacent to center of rdwy., 6-in. asph. conc. base pave, 1½-in. asph. conc. surface on remainder of rdwy.
Rodeo ave. bet. existing pavement at Arleta ave. and San Bruno ave., etc., involv. grade, conc. curb, art. stone walks, side sewers, br. catchbasins, 10-in. iron-stone pipe culverts, 6-in. asph. conc. base pave, 1½-in. asph. conc. surface.

Nineteenth st. bet. Carolina and De Haro sts., etc., involv. side sewers, conc. curbs, reconst. conc. curb, reset and reconst. catchbasins, art. stone walks, 6-in. asph. conc. base pave, 1½-in. asph. conc. surface and some conc. pave.

Cert. check 10 per cent payable to clerk of Board of Suprs. req. with bid. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

PORTERVILLE, Tulare Co., Cal.—C. R. Gurdy, Porterville, only bidder at \$2971.54 awarded cont. by city to imp. Larson and Harding sts., in Bradrick Court Trct. bet. Mill st. and south line of tract, involv. grade, conc. curb, 4-in. decomposed granite pave, with asph. oil surface.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Board of Public Works to imp:

Brussels St., bet. Ohmstead and Mansell Sts., involv. conc. curb; side sewers; conc. pave.

Crossing of La Salle Ave. and Mendell St., involv. reset and const. granite curb; art. stone walks; reset catchbasins; 10-in. ironstone pipe culverts; 6-in. asph. conc. base pave; 1½-in. asph. conc. surface.

Crossing of Huron and Whipple Aves., involv. grade; conc. curb and art. stone walks; br. catchbasin with 10-in. ironstone pipe culverts; 6-in. asph. conc. base pave, 1½-in. asph. conc. surface.

Cert. check 10% payable to clerk of Board of Suprs. req. with bid. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

MONTEREY COUNTY, Cal.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm., to surface with bituminous macadam, 5.0 mi. bet. east boundary and Camphota. C. H. Purcell, State Highway Eng. See call for bids under official proposal section in this issue.

DEL NORTE COUNTY, Cal.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm., to surface with crushed gravel or stone and oiling 35.3 mi. bet. Smith River and Oregon Line. C. H. Purcell, State Highway Eng. See call for bids under official proposal section in this issue.

LOS ANGELES COUNTY, Cal.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm. to grade 1.5 mi. bet. Arroyo Sequit and Los Alisos Creek. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

DEL NORTE COUNTY, Cal.—Until April 18, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with crushed gravel or stone, 7.3 mi. bet. Klamath River and Wilson Creek and const. four timber bridges. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

WILLOW GLEN, Santa Clara Co., Cal.—City trustees declare inten. (8) to imp. Juanita Ave., bet. Willow Glen Way and Pine Ave., involv. grade; 5-in. and 7-in. conc. pave.; conc. curb. 1911 Act. Bond Act 1915. Protests April 9. Dana Thomas, city clerk.

OAKLAND, Cal.—Until March 29, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to grade; const. curbs, gutters, cem. walks and pave in Camden St. from 64th Ave. south and a portion of 64th Ave. adjacent to Camden St. Bond of \$3000 req. of successful contractor. Spec. on file in office of city clerk. Geo. N. Randle, city engineer.

CORTE MADERA, Marin Co., Cal.—Election will be called shortly in Corte Madera Sanitary District to vote bonds of \$50,000 to finance reconst. of present system together with extensions and septic tank.

SANTA ANA, Cal.—Until 11 A. M., April 10, bids will be rec. by county for rd. imps. in Grand View Dr. and other streets, C. I. No. 15. Approx. quantities are: 16,000 cu. yds. grading; 283,200 sq. ft. 4-in. oil macad. incl. grading; 11,918 sq. ft. 5-in. concr. pave. incl. grading; 17,133 ft. curb; 39,073 sq. ft. sidewalk; 175 ft. 8-in. concr. pipe drain; 1 conc. inlet box; 1 conc. outlet box; 53 lighting standards. Nat H. Neff is co. rd. comm.

LODI, San Joaquin Co., Cal.—Property owners petition for sewers in Daisy Ave. City Eng. L. F. Barzelotti instructed to prepare plans.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Board of Public Works to imp:

Sussex St., bet. Diamond and Castro Sts., involv. conc. curb; 6-in. conc. base pave, 1½-in. asph. conc. surface.

30th St., bet. Castro and Diamond Sts., involv. 8-in. ironstone sewers with appurtenances.

19th St., bet. Arkansas and Wisconsin Sts., involv. grade; conc. curb; side sewers; conc. pave.

Cert. check 10% payable to clerk of Bd. of Suprs. req. with bid. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

HAYWARD, Alameda Co., Cal.—Jones & King, Hayward, awarded cont. by city to imp. D St., bet. Valley St. and east city boundary, involv. grade; conc. curbs and gutters; 3½-in. asph. base, 1½-in. Warrenite-Bit surface pave. Unit bid is: \$256 pave; 25c gutters; 65c curb; 50c r. w. header board.

LEMOORE, Kings Co., Cal.—Wheelwright Constr. Co., Ogden, Utah, at \$3818.40 sub. low bid to city to const. Magnolia Ave. sewer. Ardell-Courtwright Co., Hanford, at \$3995 only other bidder. Bids rejected as being too high. New bids will be asked.

SANTA MARIA, Santa Barbara Co., Cal.—Until April 2, 7:30 P. M., bids will be rec. by A. H. Drexler, city clerk, to const. conc. walks, curbs, driveways, gutters and asph. conc. pave in portions of East Church St. Cert. check 10% payable to city reg. with bid. Plans on file in office of clerk.

EL CERRITO, Contra Costa Co., Cal.—Bids will be asked at once by city clerk to const. sewers in Manila ave. Bids will be opened at the April session of the city trustees. Plans on file in office of clerk.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation

Telephone SUTTER 3266

SAN ANTONIO, TEXAS—Until April 4, 3 p. m., bids will be rec. by Board of Public Works, to sewer 30th st. bet. Diamond and Castro sts., involv. 8-in. ironstone pipe with wye branches, manholes and manholes. Check 10 per cent payable to clerk of Bd. of Suprs. req. with bid. Plans obtainable from Bureau of Engineering, 2d floor, City Hall.

SAN FRANCISCO, CALIF.—San Benito Co., Cal.—City planning commission for immediate action to read from files. Plans to be submitted to the end that a permanent plan may be placed by the county.

SAN JOSE COUNTY, CALIF.—A. J. and J. L. G. Jones, South San Francisco, at 818 S. G. St. est. 1914-15, 800, low bid to S. J. G. of Public Roads to grade Crater-Feather River Inn section of Route No. 2, Quincy-Garrison National Forest Highway, 3.26 mi. in length. Project involves 1,500 cu yds. unclassified excavation, 1,000 cu yds. excavation and 1,000 cu yds. structure, 20,000 sta. yds. overhang, 2,500 cu yds. A and 32.5 cu yds. B, 100 cu yds. 100 lbs. reinf. steel, 800 lin. ft. 18-in. C.M.P. (cham. and place); 100 lin. ft. 18-in. C.M.P. (cham. and place); 150 lin. ft. 18-in. C.M.P. (cham. and place); 150 lin. yds. hand laid rock embankment. Other bids: N. J. Lovell, Oakland, 888,211; W. A. Bechtel, San Francisco, 891,523.75; C. G. G. & S. Co., Alameda, 891,523.75; 912.59; G. H. Bros., San Francisco, 891,523.75; C. H. Harlowe, Jr., Oakland, 891,523.75; H. M. White, San Francisco, 891,523.75; J. M. DeLuca, Oakland, 891,411.59; Jasper-Stacy Co., San Francisco, 891,411.59. Bids referred to Washington, D. C., for award.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$575.60 awarded cont. by city to imp. portions of Bayside Ave., involv. vit. clay pipe sewer with wye branches. Other bids: Prentiss Paving Co., San Jose, 8675; Granite Constr. Co., Watsonville, 8886.

MARYSVILLE, Yuba Co., Cal.—City council contemplates paying 32 blocks of streets during current year. Definite action regarding the program will be taken at the April meeting.

SACRAMENTO, CALIF.—City declares intent, 2235 to imp. alley bet. M. N. 2nd and 3rd sts., involv. vit. sewers, reconst. manhole and catchbasins, 1-in. water main connections, grade, hyd. conc. pave., conc. retaining wall, 1911 act, bond act 1915. Protests April 12. H. G. Denton, city clerk. A. J. Wagner, city eng.

SOUTH GATE, CALIF.—Proceedings have been started by city to widen and imp. State St., bet. Slauson Ave. in Huntington Park and Norton Ave. in Lynwood; est. cost, \$510,000 involv. 6-in. to 8-in. conc. pave.; street lighting system; com. walks, etc.

SANTA ROSA, Sonoma Co., Cal.—Until April 10, 11 A. M., bids will be rec. by W. S. Coulter, county clerk, for Rd. Imp. Dist. No. 5, Middle Two Rock Rd., involv. garde; conc. pave., 16-ft. wide with earth shoulders and ditches, culverts. Rd. Dist. Imp. Act 1907. County will pay \$6500 of cost from General Fund. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk. R. Press Smith, engineer, Santa Rosa.

OAKLAND, CALIF.—City Planning Commission sets April 9 at date to consider the following projects to meet present and future needs:

Widen and extend East Twelfth st. to San Leandro to provide a fast street-car and automobile highway.

Widen and eliminate jogs in Excelsior, Moss and Perry aces, and Mathen st. to handle cross-town traffic.

Improve Grand ave. Twenty-second, Alvar, Seventh and Grove sts. to provide direct thru streets.

Construct super-highway to San Leandro, eventually to Richmond and San Jose, to provide a rapid thru highway.

Open, extend and cross street and establishment of wide arteries in the industrial area.

Widen Skyline boulevard to double its present width.

Construct culvert along waterfront to Oakland airport.

Pending the report of the special tunnel committee, the commission suggests the construction of low-level tunnels at Lakeview, Shepard canyon and Thirty-fifth.

SAN FRANCISCO—Until April 4, 3 p. m., bids will be rec. by Board of Public Works, to sewer 30th st. bet. Diamond and Castro sts., involv. 8-in. ironstone pipe with wye branches, manholes and manholes. Check 10 per cent payable to clerk of Bd. of Suprs. req. with bid. Plans obtainable from Bureau of Engineering, 2d floor, City Hall.

SAN JOSE, Santa Clara Co., Cal.—Until April 10, 11 a. m., bids will be rec. by Henry A. Phister, county clerk, to imp. San Jose and Alviso rd. bet. Trimble rd. and Midway school, in Sup. Dist. No. 3. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Until April 2, 11 a. m., bids will be rec. by Henry A. Phister, county clerk, to imp. portion of Capitol ave. in Supt. Dist. No. 3. Plans on file in office of clerk.

SACRAMENTO, CALIF.—City declares intent, 2231 to imp. alley bet. N. O. 13th and 14th sts., involv. e. i. drains, vit. sewers, 1-in. water main connections, grade, hyd. conc. pave., 1911 act, bond act 1915. Protests April 12. H. G. Denton, city clerk. A. J. Wagner, city eng.

BUSINESS OPPORTUNITIES

(Continued from Page 15)

12824—Clay Roofing Tile. Generac, France. Manufacturers of clay roofing tile seek representative for the Pacific Coast on commission or outright sale basis. Will manufacture any type of tile to suit requirements. All data in San Francisco. 12837—Lumber, Tientsin, China, Mercantile company seeks connections with San Francisco exporters of Pacific Coast lumber.

12845—Transparent Cloth for Engineering Plans. Transparent Paper for same purpose, Hellographic Paper, Pencils, Rules, Squares, and Similar Merchandise. Rosario, Argentina. Party wishes to get in touch with manufacturers of the above-mentioned lines with a view of representing such firms in Argentina.

D-2805—Light Weight Power Lawn Mower. Manufacturers are seeking representation in this territory for a light weight power lawn mower, guided by hand.

D-2807—Automobile Accessories and Automatic Traffic Signal. New Hampton, Iowa. Manufacturers of several automobile accessories and an automatic traffic signal, are desirous of obtaining the services of a manufacturers' agent to handle their products for the state of California. Their line consists of an adjustable automobile awning, a traffic cop turn-warning signal to be placed on the rear of an automobile, and a 5½-foot automatically operated traffic officer, made in imitation of a real officer.

GLASS SKYSCRAPERS VISIONED FOR THE FUTURE

American business and industrial buildings soon will be built almost entirely of glass, reinforced with steel, in the opinion of William L. Bailey, professor of sociology at Northwestern University.

"The skyscraper of the future will be almost one huge window," says Prof. Bailey. "With glass floors and glass ceilings. With the development of the therapeutic value of the ultra-violet ray, office and factory lighting will undergo a radical change. When thousands of workers are gathered in poorly lighted office buildings each day, it is little wonder that their efficiency is impaired and their dispositions soured."

WHAT IS CEMENT?

Bobby's father was a highway engineer. His teacher, failing to get a satisfactory answer from several in his class in defining of "cement," sought Bobby's assistance and received the following reply:

"Cement is the product obtained by finely pulverizing clinker produced by calcining to incipient fusion and intimate and properly proportioned mixture of argillaceous and calcareous materials with no addition subsequent to calcination except water and calcined or uncalcined gypsum."

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

William Wesley Hicks, of San Francisco. **ELECTRIC HEATING DEVICE.** It is an object of this invention to provide a hot plate in which a heating surface of comparatively large extent is provided by the aid of corrugation of grooves, said corrugation or groove having roughened surfaces to enhance this effect.

Karl Johan Thorsby, of Oakland. **MACHINE FOR MAKING SPIRAL PIPE.** This invention relates to a machine for winding a strip or sheet of metal helically into tubular form, in the making of so-called spiral pipe. Mr. Thorsby assigns his patent to California Corrugated Culvert Company.

George C. Austin, of Los Angeles. **PISTON.** An object of this invention is to prevent such distortion and to maintain the cylindrical portions of the periphery in true form during engine operation. Mr. Austin assigns his patent to Samuel C. Carter (one-half).

Barton C. Bridgman, of San Francisco. **LIGHT DIFFUSING MEANS.** The object of this invention is to produce a reflector and illuminant combination of the character described in patent 1,659,764, that will effectively produce maximum diffusion of soft light with a minimum consumption of electric current.

Paul Moyer, of Los Angeles. **SECTIONAL CURB GUARD.** This provides an improved curb guard which is formed of short sections, and to provide an improved anchoring means for rigidly fastening or anchoring the sections to the sidewalk. Moyer assigns his patent to Paul Moyer Company.

Edwin Letts Oliver, of Oakland. **ROTARY FILTER.** This relates to a filter used for reducing the liquid contents of bodies of liquid containing solid particles which will not readily precipitate therefrom. Mr. Oliver assigns his patent to Oliver Continuous Filter Company.

PAINT AND VARNISH INDUSTRY TO CONVEVE AT DEL MONTE

The annual convention of the Western Zone of the National Paint, Oil & Varnish Association will be held at Del Monte June 20, 21 and 22. E. A. Bradley, president of the Bradley-Wise Paint Company of Los Angeles and regional vice-president of the western zone of the organization will act as general chairman of the committee in charge of the arrangements.

The gathering, which will be attended by leaders in the industry from every part of the United States, will be held under the auspices of the Los Angeles Paint, Oil and Varnish Club, which will act as host.

Hotel Del Monte has been chosen as the scene of the meeting, which will represent the seventh annual gathering of the western zone, embracing the entire Pacific Coast. One of the most elaborate programs scheduled for a coast conference is being prepared by committees under the chairmanship of Mr. Bradley.

Included in the committees are many prominently identified with the paint industry of Southern California, among them being F. M. Brininstool of the Brininstool Co., M. J. Phillips of the Western Paint Review, George Sillers, R. W. Lindley, E. J. Ellsworth, R. H. Oakley, E. P. McKeegan, J. A. Davis, H. A. Hendriksen, Fred Warner, Langdon Root, A. H. Sconberg, Will Knighton of the Technical Oil & Paint Co., and others.

Official Proposals

NOTICE TO BIDDERS

(Redwood Tank—San Mateo)

Notice is hereby given that sealed bids for proposals will be received by the City Council of the city of San Mateo up to **Monday, April 2nd, 1928, at eight (8) o'clock p. m.**, for the furnishing of all materials and the construction of a forty thousand (40,000) gallon water tank and sub-structure and to be located on the westerly one-half (½) of the foundation now occupied by the present tanks.

Bids are to include the removal of old tanks, and frame work which is to become the property of the city and to be filled within one hundred (100) feet of the site of the work.

Bidders are required to submit their own plans and specifications in complete detail.

Tanks and sub-structure to be constructed of first grade merchantable redwood timber only.

A six (6) inch outlet pipe from bottom of tank to the ground with a gate valve to be included in the work.

Gate valve to be connected to present pipe (3) inch main.

A certified check of ten (10) per cent of the bid must accompany same.

Payment for the work will be made within ten (10) days after the 1st of the month following completion and acceptance.

The City Council reserves the right to reject any or all bids.

By order of said council.

Dated: San Mateo, California, March 1, 1928.

E. W. FOSTER,

City Clerk and ex-Officio Clerk of the City Council of the City of San Mateo, California.

NOTICE TO CONTRACTORS

(Burbank School—Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 10th day of April, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the Burbank School Building, of the Oakland School District, to be erected on the northeast terminus of 64th Avenue Place northeast of Trenor Street. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

Separate bids will be received for:

- (1) General Work.
- (2) Awning Type Window Fixtures and Hardware.
- (3) Slate Blackboards.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before April 10th, 1928, shall be returned on or before April 11, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker and made payable to the Board of Education of the City of Oakland and of Oakland High School District, to be retained by said School District, as agreed and liquidated damages should the party

or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 10th day of April, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEWORTH,
Secretary of the Board of Education of the City of Oakland, California.

NOTICE TO CONTRACTORS

(Grading and Ditching—Butte County)

Notice is hereby given by the Board of Supervisors of Butte county, California, that sealed bids will be received by the clerk of the said board, at his office in the Court House, in the city of Oroville, California, up to **Friday, April 6, 1928, at the hour of 2:15 p. m.**, for grading and ditching three and one-half (¾) miles, on the Fradford road near Nelson.

Specifications for the said work are on file in the office of the said board, and also in the office of the County Road Engineer, to which bidders are hereby referred. Each bid shall be accompanied with a certified check, or cash, in the amount of at least ten per cent of the amount bid, as a guarantee that the bidder will enter into a contract to perform the work, in case he is awarded the contract.

The Board of Supervisors reserve the right to reject any or all bids.

By order of the Board of Supervisors of Butte County, California.

C. F. BELDING, Clerk.

NOTICE TO CONTRACTORS

(Dos Palos Joint High School District—Merced County)

Notice is hereby given by the Board of Trustees of the Dos Palos Joint Union High School District, that sealed bids will be received by the said Board of Trustees at the present High School Building located at the town of Dos Palos, County of Merced, State of California, up to 2 o'clock P. M., on the 21st day of April, 1928, at which time all bids will be publicly opened.

Said bids shall be for the furnishing of all labor and materials for the erection and completion of an Auditorium or assembly building, being a part of the present high school group and located adjacent to the present High School Buildings, according to plans and specifications prepared by W. J. Wright, Architect, employed by the Board.

Said building to be erected on the site of the present Dos Palos Joint Union High School Building being located at or near the town of Dos Palos, County of Merced, State of California.

All bids are to be for work according to said plans and specifications which may be obtained at the office of W. J. Wright in the Mail Building, Stockton, California, during the business hours.

Each bid must be accompanied by a certified check for ten (10%) per cent of the amount of his bid, made payable to George Christian, clerk of the Board of Trustees, on condition that the successful bidder shall enter into a contract in accordance with such bids, and file with said Board of Trustees, two approved bonds within six days after the acceptance of his bid, one of which

bonds shall be conditioned for the faithful fulfillment of the contract entered into and to be done thereunder, and one for the protection of all persons performing labor or furnishing materials for the construction of said building.

In case the contractor shall fail to execute the required contract, or to furnish bonds acceptable to the Board within the six (6) days; due notice having been given him, then shall the contractor forfeit all claims to the said deposit above mentioned and it shall become the property of the Dos Palos Joint Union High School District.

All bids must be submitted upon forms obtained from the Architect. Contractors will be required to make a deposit of Ten Dollars (\$10) for each set of plans and specifications taken from the office of the above mentioned Architect. Contractors will be allowed ten (10) days in which to figure the work. Should the contractor fail to return plans and specifications on or before the allotted time, he will forfeit this aforesaid deposit, and the Architect shall be at liberty to use said money to defray the expense of producing additional blue prints and specifications. However, should the contractor return the said plans and specifications in good order within the time above mentioned, then shall the Architect return the deposit to the contractor.

The Board reserves the right to reject any or all bids.

Dated 21st day of March, 1928.

By order of the Board of Trustees.

WM. E. MOORE, President.

GEORGE CHRISTIAN, Clerk.

HOMER BOWEN.

A. D. JOHN.

D. A. LEONARD.

NOTICE TO BIDDERS

(Grader—Lodi, Calif.)

The City Council of the City of Lodi will receive sealed proposals for the furnishing of a. b. cars at Lodi of one combined street grader, roller and scarifier in accordance with the specifications therefore now on file in the office of the City Clerk.

All proposals must be sealed and plainly marked "City Council of the City of Lodi, Bid on Grader" and must be accompanied by certified check or bid bond in the amount of 10% of the price bid. Said proposals must be delivered to the City Clerk in his office at the City Hall on or before the hour of 5 o'clock P. M. of Monday, April 16th, 1928, and they will be publicly opened immediately after 8 o'clock P. M. of the same day in the Council Chambers of the City Council.

Copies of the specifications may be had on application to the City Clerk. Successful bidder must allow in his proposal an amount equal to rental paid by the City for the roller now in use.

The City Council reserves the right to reject any and all bids.

By order of the City Council of the City of Lodi.

J. F. BLAKELY,
City Clerk.

NOTICE TO BIDDERS

Odd Fellows Lodge—Point Arena, Calif.

The Odd Fellows Lodge of Point Arena request bids for a two-story reinforced concrete building to be built at Point Arena. Plans and specifications may be had by calling at Union Garage, Point Arena. Bids are to be accompanied by a certified check for 10% of the bid, sealed and addressed to the Building Committee of Odd Fellows, Point Arena, Calif., % Clyde Harris.

The Board reserves the right to reject any and all bids.

All bids to be opened April 10, 1928.

ODD FELLOWS LODGE,
Point Arena, Calif.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS WILL BE RECEIVED AT THE OFFICE OF THE STATE HIGHWAY ENGINEER, Highway Building, Sacramento, California, until 2 o'clock p. m., on April 18, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications attached thereto, to which special reference is made of portions of State Highway, as follows:

Del Norte County, between Klamath River and Wilson Creek (D-D-N-1-A), about seven and three-tenths (7.3) miles in length to be graded and surfaced with crushed gravel or stone, and four (4) timber bridges to be constructed.

Del Norte County, between Smith River and the Oregon line (D-D-N-1-C-D-E), about thirty-five and three-tenths (35.3) miles in length, to be surfaced with crushed gravel or stone and oiled.

Plumas County (D-E-Ph-29-A), two reinforced concrete girder bridges; one across Rock Creek about 1 1/2 miles west of Westwood consisting of two 20-foot spans, and the other across Bailey Creek about 7 1/2 miles west of Westwood, consisting of one 26-foot span and two 22-foot spans.

Monterey County, between the easterly boundary and Camphora (V-Mon-2-A, B and C) at intervals, about five (5.0) miles in length, to be surfaced with bituminous macadam.

Fresno and Madera Counties, a bridge across the San Joaquin River about 1 mile north of Herndon (VI-Fre-Mad-1-C & A), consisting of four 160-foot deck steel truss spans, two 80-foot deck plate girder spans and one 64-foot deck plate girder span on concrete piers with pile foundations.

Los Angeles County, between Arroyo Secuit and Los Alisos Creek (VII-L-A-60-A), about one and five-tenths (1.5) miles in length to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
Dated March 21, 1928.

NOTICE TO CONTRACTORS

(Warehouse—Watsonville, Calif.)

We invite contractors and builders to submit on a concrete warehouse, 100x50 ft. to be built on the nursery grounds, east of Main St. Plans and specifications may be seen at our office. Bids will be opened Thursday evening, March 29th, at 8 P. M. at the office of the H. A. H. Co. The bids are to be made on a blank form furnished by the H. A. H. Co. and the bids are to be made on a blank form furnished by the H. A. H. Co.

H. A. H. CO. COMPANY

NOTICE FOR BIDS

(Steel, Redwood and Concrete Pipe—Oroville-Wyandotte Irrigation District).

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, until 10 o'clock A. M., April 4th, 1928, for furnishing 2075 lined feet of 16" Armocon riveted ship joint pipe and fittings or machine banded Redwood Pipe. Also 2184 lined feet of 16" concrete Pressure Pipe.

Also pipe laying, trenching, backfilling, etc.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California.

Contractor proposing to furnish wood pipe will be required to furnish specifications covering work proposed to be done.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

(Machine Shop—Monterey County)

Office of the Clerk of the Board of Supervisors of Monterey County, March 20, 1928.

Sealed bids will be received by the Clerk of the Board of Supervisors of Monterey County at his office, until two o'clock P. M., April 17th, 1928, for the construction of a machine shop for the County of Monterey.

Plans and specifications, strain-sheets and working details therefor, for this work are on file in the office of the said Board, to which bidders are hereby referred.

T. P. JOY,
Clerk of the Board of Supervisors of the County of Monterey.

37

NOTICE TO CONTRACTORS

(East Bay Municipal Utility District)

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 1924 Broadway, Bay Building, Oakland, California, until 7:30 o'clock P. M., Friday, April 20th, 1928, for furnishing materials for and constructing the Sequoia and Wildcat Aqueducts, Mokelumne River Project. Specifications may be obtained by application to the office of the District.

JOHN H. KIMBALL,
Secretary.
Oakland, Calif., March 3rd, 1928.

NOTICE TO BIDDERS

(Voting Booths and Ballot Boxes—Reno Nevada)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of March, 1928, sealed bids and proposals will be received by the undersigned at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than ten o'clock A. M., Wednesday, April 11, 1928, for the following, to wit:

Seventy-two (72) folding voting booths, twelve sections.

Also twelve large size ballot boxes. The said Board of County Commissioners reserves the right to reject any or all bids and to accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
Clerk of Board of County Commissioners

NOTICE TO BIDDERS

(Castro Valley School District—Alameda County)

Notice is hereby given that the Board of Trustees of the Castro Valley School District of Alameda County hereby calls for sealed proposals to be delivered to the clerk of said Board at the office of said Board located in the Castro Valley School Building, Castro Valley, California, until the 14th day of April 1928, at 8 o'clock P. M., at which time and place bids will be opened for the furnishing of all labor, materials and mechanical workmanship to be used and employed in the construction of a new addition and alterations to the present school building of the Castro Valley School Dis-

trict of Alameda County, located at Castro Valley, California.

These bids shall be presented in accordance with the plans and specifications on file at the office of the Board located as hereinabove described, where copies of said plans and specifications may be obtained upon a deposit of Twenty Dollars. If the plans and specifications are not returned to said Board within seven days after the same have been obtained, or are returned in a mutilated or damaged condition, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention, and will be immediately used for the purchase of a new set of blue prints and specifications.

Proposals shall be made upon forms which may be obtained from the Clerk of said Board at the office of the Board located as hereinabove described.

Each bid must be signed by the bidder and accompanied by a certified check for at least ten (10%) per cent of the amount of the bid, certified to by some responsible bank or banker, and made payable to Castro Valley School District of Alameda County, to be retained by said Castro Valley School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give the bonds required by said specifications.

Each bidder shall bid for the completion of the general conditions, and may bid or any or all of the alterations set forth in the bid. The Board reserves the right to reject any and all bids, or any or all items of such bids.

JOHN T. STANTON,
Clerk of the Board of Trustees of the Castro Valley School District of Alameda County, California.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on April 4, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Del Norte County, across Smith River about 8 miles east of Crescent City (I-D-N-1-C) a steel cantilever bridge consisting of two 114-foot anchor arms, two 114-foot cantilever arms and one 152-foot suspended span; on concrete piers and about 1.16 miles of roadway to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: March 7, 1928.
DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
720	Anderson	Owner	3099
721	Anderson	Owner	5099
722	Bothin	Phoenix	1599
723	Galletta	Berwick	2000
724	Holmer	Owner	8000
725	Lang	Owner	3000
726	Muller	Rosen	3000
727	Maken	Owner	3000
728	Marcus	Francis	3000
729	Russell	Haley	8000
730	Stufino	Owner	2000
731	Sylvar	Owner	3500
732	Smith	Johnson	2700
733	Arnott	Arnott	5000
734	Arnott	Arnott	3000
735	Allred	Owner	8000
736	Eaton	Mattock	3750
737	Hanchett	Owner	4800
738	Hastings	Coburn	4999
739	Klahn	Owner	8000
740	Kambic	Owner	6000
741	Larsh	Mattock	1099
742	President	Brumfield	3999
743	Pacific	Owner	1600
744	Sullivan	Owner	4000
745	Sullivan	Owner	8000
746	Sullivan	Owner	4000
747	Sergo	Owner	4000
748	Brunswick	Grant	8000
749	Christensen	Owner	4000
750	Comyns	Petersen	6000
751	Glesener	Moller	45000
752	Herzig	Owner	10000
753	Madriecres	Jensen	11000
754	Schmidt	Owner	25000
755	St. Mary's	Johnson	5000
756	St. Mary's	Johnson	5000
757	St. Mary's	Johnson	4000
758	St. Mary's	Johnson	5000
759	Thomas	Sichel	1500
760	Weinstein	Owner	45000
761	Abinanti	Demartini	8500
762	Backman	Owner	4000
763	Barron	Putman	4000
764	Barron	Putman	16000
765	Barron	Putman	24000
766	Barron	Putman	3000
767	Barron	Putman	8000
768	Cox	Owner	9000
769	Fay	Siggs	4000
770	Jenkel	Cook	3000
771	Lindsay	Owner	4000
772	MacKenzie	Owner	5000
773	Nastovic	Owner	5000
774	Petroleum	Sanford	2700
775	Jenkel	Soracco	3000
776	Petroleum	Sanford	3000
777	Stanley	Owner	6000
778	Sbrana	Lang	6000
779	Tehaney	Owner	7000
780	Anderson	Owner	3500
781	Cashel	Owner	2000
782	Cook	Jenkins	1000
783	Crocker	Dinwiddie	1000
784	Gagan	Pacific	1000
785	Kletzing	Miller	1500
786	Larsen	Owner	2000
787	McDonough	Owner	10000
788	Provident	Crocker	3000
789	Vukicevich	Owner	25000
790	Widenmuller	Owner	17500
791	Curran	Owner	1000
792	Cordes	Small	1000
793	Frank	S F	1400
794	Gilbert	Owner	6000
795	Harder	Owner	8000
796	Harris	Todhunter	4500
797	Meyer	Owner	4000
798	Rauscher	Owner	1100
799	Reed	Owner	1000
800	Simons	Owner	23000
801	Curran	Neale	1000
802	Dahlberg	Owner	4000
803	Lobeck	Michel	3000

Owner—O. H. Anderson, 1636 48th ave.
Architect—J. C. Hladik, Monadnock Bldg.
\$5000

ALTERATIONS

(722) 33 CLEMENTINA; install partitions and stairs and strengthen girders.
Owner—Bothin Real Estate Co., 601 Mission st.
Architect—N. B. Green, Sharon Bldg.
Contractor—Phoenix Simpton Co., 317 Harriet st. \$1500

DWELLING

(723) E CORBETT 292 S Dixie Alley; 1-story and basement frame dwelling.
Owner—Josephine Galletta, 372 Chenery.
Architect—None.
Contractor—A. Berwick, 1525 Noe st. \$2000

DWELLINGS

(724) SE GUTTENBERG, 55 and 82 SE Morse; two 1-story and basement frame dwellings.
Owner—A. Holmer, 147 Cuvier st.
Architect—None. \$4000 each

STORE

(725) NW CHESTER and Worcester; 1-story frame store bldg.
Owner—Lang Realty Co., 39 Sutter st.
Architect—H. G. Stoner, 810 Ulloa st. \$3000

ALTERATIONS

(726) N BALBOA 82.6 E 40th ave; alter and remodel residence and store.
Owner—A. M. Miller, 3826 Balboa st.
Architect—E. Whissell, 630 Jones st.
Contractor—A. Rosen, 6 Fountain st. \$3000

DWELLING

(727) N OLMSTEAD 70 W Girard, 1-story and basement frame dwelling.
Owner—S. Makaren, 1090 Page st.
Architect—None. \$3000

DWELLING

(728) N CARRILLO 55 W 27th ave; 1-story and basement frame dwelling.
Owner—A. Marcus, 225 5th ave.
Architect—None.
Contractor—C. W. Francis, 180 6th ave. \$3000

FLATS

(729) W PIERCE St. 112 N Alhambra; 2-story and basement frame (2) flats.
Owner—J. Hartley Russell, 744 Russ Bldg.
Architect—None.
Contractor—Haley Bros., 744 Russ Bldg. \$8000

ALTERATIONS

(730) SW PAGE and Ashbury; raise bldg. and stall garages.
Owner—Mr. Stufino, 16th and Mission
Architect—None. \$2000

DWELLING

(731) W VIENNA 25 N Russia; 1-story and basement frame dwelling.
Owner—L. and C. Sylvar, 598 Vienna st.
Architect—None. \$3500

REMODEL

(732) 2496 FILBERT St.; alter and remodel residence.
Owner—Felix Smith, 2496 Filbert st.
Architect—Bliss & Fairweather, Balboa Bldg.
Contractor—J. Harold Johnson, Hearst Bldg. \$2700

(732) W 15TH AVE. 217 N Santiago; 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval st.
Architect—None.
Contractor—Jas. A. Arnott & Son, 633 Taraval st. \$5000

DWELLING

(734) E LEE 550 N Grafton; 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval st.
Architect—None.
Contractor—Jas. A. Arnott & Son, 633 Taraval st. \$3000

DWELLINGS

(735) E 33RD AVE. 75 and 100 N Santiago; two 1-story and basement frame dwellings.
Owner—C. S. Allred, 391 Ashton ave.
Architect—None. \$4000 each

ADDITION

(736) SW INGALLS and Carroll ave; addition to frame bldg.
Owner—Eaton & Smith, 715 Ocean ave.
Architect—None.
Contractor—Mattock & Feasey, 210 Clara st. \$3750

ALTERATIONS

(737) S HIGHLAND 150 W Mission; raise bldg., install private garage and alter same.
Owner—Floyd Hanchett, 3730 Mission st.
Architect—Austin H. Jensen, 605 Market st. \$4800

ALTERATIONS

(738) 3525 PACIFIC Ave.; alter and remodel dwelling.
Owner—Russell T. Hastings, 3525 Pacific ave.
Architect—Bertz, Winter & Maury, 210 Post st.
Contractor—Ira W. Coburn, Hearst Bldg. \$4990

FLATS

(739) S GROVE St. 100 E Central ave; 2-story and basement (2) flats.
Owner—Walter H. Klahn, 27 Chenery st.
Architect—None. \$8000

DWELLING

(740) SW SAN BRUNO and Mariposa; 1-story and basement frame dwelling.
Owner—John Kambic, 530 San Bruno ave.
Architect—None. \$6000

REMODEL

(741) 42 6TH AVE.; alter and remodel dwelling.
Owner—H. G. Larsh, 42 6th ave.
Architect—None.
Contractor—Mattock & Feasey, 210 Clara st. \$1000

SIGN

(742) 80 McALLISTER; vertical electric sign.
Owner—President Theater, 80 McAllister.
Architect—None.
Contractor—Brumfield Electric Sign Co., 965 Folsom st. \$3999

OFFICE BLDG.

(743) W CARROLL Ave. 69.7½ Third st; two-story frame office bldg.
Owner—Pac. Electric Mfg. Co., 5815 Third st.
Architect—None. \$1600

DWELLING

(744) W KEYSTONE Way N Ocean ave; 1½-story and basement frame dwelling.
Owner—Thos. J. Sullivan, 254 Jules ave.
Architect—None. \$4000

DWELLINGS

(745) W KEYSTONE Way 100 and 150 N Ocean ave; two 1-story and basement frame dwellings.
Owner—Thos. J. Sullivan, 254 Jules ave.
Architect—None. \$4000 each

DWELLING

(746) W FAIRFIELD Way 200 N Ocean ave; 1½-story and base frame dwelling.
Owner—Thos. J. Sullivan, 254 Jules ave.
Architect—None. \$4000

DWELLING

(747) W 26TH AVE. 250 S Rivera; 1-story and basement frame dwelling.
Owner—A. Segro, 1321 4th ave.
Architect—None. \$4000

REMODEL

(748) 80 ELLIS St; alter and remodel bowling alleys.
Owner—Brunswick, Balke, Collender Co., 980 Mission st.
Architect—None.
Contractor—J. A. Grant, 666 Mission st. \$8000

DWELLING
(720) SW LAWRENCE 57 SE Winnipeg; 1-story and basement frame dwelling.
Owner—E. A. Anderson, 1177 De Haro st.
Architect—None. \$3000

FLATS

(721) E 30TH AVE. 105 S Anza; 2-story and basement frame (2) flats.

DWELLING
(747) E. 2nd ST. AVE. 220 N. Mission St.; 1-story and basement frame dwelling.
Owner—H. Christensen, 1414 Valencia St.
Architect—None.

DWELLING
(748) W. 2nd ST. AVE. 180 N. Lawton St.; 1-story and basement frame dwelling.
Owner—J. C. Hahn, 312 Oak St.
Architect—None.
Contractor—Peterson Bldg. Co., 70 Montgomery Ave. \$5000

WAREHOUSE
(749) S. BRYANT 220 E. 8th St.; 1-story and basement frame dwelling.
Owner—A. J. Greenlee Co., 75 Folsom St.
Architect—Baker A. Remy, Pacific Bldg.
Contractor—Fred Modet, 185 Stevenson St. \$45,000

DWELLINGS
(750) S. URBANO 250 and 300 N. Alviso; two 2-story and basement frame dwellings.
Owner—A. J. Herzog, 655 Victoria St.
Architect—None. \$5000 each

FLATS
(751) E. POWELL 12 N. Pacific; 3-story and basement frame (2) flats and store bldg.
Owner—A. Madriates, 110 Sutter St.
Architect—Faure & Hildebrand, 110 Sutter St.
Contractor—G. P. W. Jensen, 320 Market St. \$11,500

DWELLING
(752) E. MOULTRIE 50 S. Tompkins; 1-story and basement frame dwelling.
Owner—R. Schmidt & Co., 1395 Hampshire St.
Architect—None. \$2500

DWELLING
(753) S. MURRAY 134 W. Genebern; 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jackle, 3901 Mission St.
Contractor—A. R. Johnson, 3901 Mission St. \$5000

DWELLING
(754) W. JUSTIN Dr. 89 N. Murray; 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jackle, 3901 Mission St.
Contractor—A. R. Johnson, 3901 Mission St. \$500

DWELLING
(755) E. JUSTIN Dr. 30 S. Agnon; 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jackle, 3901 Mission St.
Contractor—A. R. Johnson, 3901 Mission St. \$1000

DWELLING
(756) W. JUSTIN Dr. 50 N. Murray; 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jackle, 3901 Mission St.
Contractor—A. R. Johnson, 3901 Mission St. \$500

BLDG.
(757) S. CLEMENTINA 100 W. 8th St.; 1-story light industrial frame bldg.
Owner—Durkee Thomas Products Co.,
Architect—None.
Contractor—M. Sichel, Flood Bldg. \$1500

REMODEL
(758) 1025 MARKET St.; alter and remodel 2-story and basement loft bldg.
Owner—L. Weinstein, 1011 Market St.
Architect—S. L. Hyman & Appleton, 68 Post St. \$45,000

FLATS
(759) W. YORK St. 115 S. 25th St.; 2-story and basement frame (2) flats.
Owner—Frank Alenati, 326 Phelan Ave.
Architect—None.
Contractor—Wm. Demuth, 1114 Treat St. \$8500

DWELLING
(760) E. ARCH 125 N. Garfield; 1-story and basement frame dwelling.
Owner—Frederick Backman, 377 Bright St.
Architect—None. \$1000

DWELLING
(761) SW. 10TH AND SEWARD; 2-story and basement frame dwelling.
Owner—W. S. Barron, Burlingame.
Contractor—H. H. Putman, 2508 Easton drive, Burlingame. \$4000 each

DWELLINGS
(762) E. SEWARD 166.3, 191.3, 216.3 and 241.3 S. 19th St.; four two-story and basement frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton drive, Burlingame. \$4000 each

DWELLINGS
(763) W. SEWARD 32.6, 57.6, 82.6, 107.6, 132.6 and 157.6 S. 19th St.; six 2-story and basement frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton drive, Burlingame. \$4000 each

DWELLINGS
(764) W. SEWARD 182.6 and 207.6 19th St.; two 2-story and basement frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton drive, Burlingame. \$4000 each

DWELLINGS
(765) S. SEWARD 116.3 and 141.3 19th St.; two 2-story and basement frame dwellings.
Owner—W. S. Barron, Burlingame.
Architect—None.
Contractor—H. H. Putman, 2508 Easton drive, Burlingame. \$4000 each

APARTMENTS
(766) SE 21ST AND Santiago; 2-story and basement frame (4) apts.
Owner—P. J. Cox, 825 Monadnock Bldg.
Architect—J. C. Hladik, Monadnock Bldg. \$9000

DWELLING
(767) W. JOHNSTON 325 S. Geary St.; 1-story and basement frame dwelling.
Owner—Mr. and Mrs. R. Fay, 716 St. Rose Ave.
Architect—None.
Contractor—A. R. Siggs, 2315 19th Ave. \$4000

DWELLING
(768) S. FARALLONES 275 E. Plymouth; 1-story and basement frame dwelling.
Owner—Walter C. Jenkel, care builder.
Architect—None.
Contractor—J. William Cook, 2173 Grove St. \$2000

DWELLING
(769) NE FORESTER & Joost; 1-story and basement frame dwelling.
Owner—Clyde W. Lindsay, 550 Joost Ave.
Architect—None. \$4000

DWELLING
(770) E. 26TH AVE. 100 N. Moraga; 2-story and basement frame dwelling.
Owner—W. MacKenzie, 1988 21st Ave.
Architect—L. Hansberry, 1260 20th Ave. \$5000

DWELLING
(771) SW VASQUEZ and Laguna Honda; 1-story and basement frame dwelling.
Owner—A. Nastovic, 337 17th St., Oakland.
Architect—None. \$50

WAREHOUSE
(772) BLOCK bounded by 16th, 17th, Carolina and Wisconsin Sts.; 1-story frame warehouse.
Owner—Petroleum Securities Co., Box F, Richmond.
Architect—None.
Contractor—P. M. Sanford, 337 10th St., Richmond. \$2700

DWELLING
(773) N. MURRAY 171 E. Mission St.; 1-story and basement frame dwelling.
Owner—N. Paganini.
Architect—D. E. Jackle, 395 Justin Dr.
Contractor—F. A. Soracco, 127 30th St. \$5000

FOUNDATION
(774) BLOCK bounded by 16th, 17th, Carolina and Wisconsin Sts.; concrete firewall and tank foundation.
Owner—Petroleum Securities Co., Box F, Richmond.
Architect—None.
Contractor—P. M. Sanford, 337 10th St., Richmond. \$2000

DWELLING
(775) SW PARLAN and Santa Ana; 2-story and basement frame dwelling.
Owner—Geo. W. Stanley, 467 Turk St.
Architect—H. G. Stoner, 810 Ulloa St. \$6000

DWELLING
(776) S. LOMBARD 206.3 Laguna St.; 2-story and basement frame dwelling.
Owner—G. Sbrana, 2074 Chestnut St.
Architect and Contractor—Lang Realty Co., 2074 Chestnut St. \$6000

FLATS
(777) W. 8TH AVE. 125 S. Judah; 2-story and basement frame (2) flats.
Owner—M. A. Tehaney, 152 Hawthorne.
Architect—None. \$7000

DWELLING
(780) SW LAWRENCE 57 SE Winniepeg One-story and basement frame dwlg
Owner—E. A. Anderson, 1177 De Haro St., San Francisco.
Architect—None. \$3500

INDUSTRIAL BLDG.
(781) E. MOSS 150 S. Howard. One-story and mezzanine light industrial frame building.
Owner—William D. Cashel, 739 Clementina St., San Francisco.
Architect—None. \$2000

ALTERATIONS
(782) NO. 821 DUBOCE AVE. Alter and remodel building.
Owner—Mr. Cook, Premises.
Architect—None.
Contractor—Jenkins & Gross, 3433 Market St., San Francisco. \$1000

ALTERATIONS
(783) NW MONTGOMERY AND POST. Construct skylight on top of bank building.
Owner—Crocker First National Bank, 1 Post St., San Francisco.
Architect—None.
Contractor—Dinwiddie Constr. Co., 1101 Crocker Bldg., San Francisco \$1000

ALTERATIONS
(784) E. WEST PORTAL 240 S. Ulloa. Alter and remodel store and apartments.
Owner—Chas. R. Gagan, 329 Post Office Bldg., San Francisco.
Architect—None.
Contractor—Pacific Bldg. Co., 2800 Third St., San Francisco. \$1000

(785) NO. 437 SAN MIGUEL, Underpin, alter and remodel dwelling.
Owner—L. Kletzing, Premises.
Architect—None.
Contractor—P. Miller, 384 San Miguel St., San Francisco. \$1500

OFFICE BLDG.
(786) N. SOUTH PARK 234 SW Second. Two-story frame office building.
Owner—H. H. Larsen Co., 68 Post St., San Francisco.
Architect—None. \$2000

(787) E. FORTY-FIRST AVE 275 and 300 N. Fulton St. Two one-story and basement frame dwellings.
Owner—M. McDonough, 148 Randall St., San Francisco.
Architect—None. \$5000 each

ALTERATIONS
(788) S. CALIFORNIA 95 E. Front. Alter and remodel store.
Owner—Provident Securities Corp., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—Crocker Estate Co., Crocker Bldg., San Francisco. \$3000

APARTMENTS
(789) NW TWENTY-FOURTH AVE & Taraval. Three-story and basement frame (10) apartments.
Owner—Vukicevich & McIntosh, 666 Mission St., San Francisco.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco. \$25,000

RESIDENCE
(790) E. LYON 74-6 N. Pacific Ave. Two-story frame residence.
Owner—Louis Widenmuller, 605 Market St., San Francisco.
Architect—Powers & Ahnden, 605 Market St., San Francisco. \$17,500

SIGN
(791) 445 GEARY St.; metal sign.
Owner—Curran Theatre, 445 Geary St.
Architect—Neale Inc., 909 Geary St. \$1000

FLATS
(792) 430 SANCHEZ St., alter flats into apts.
Owner—E. Cordes, 496 Sanchez St.
Architect—None.
Contractor—W. J. Smali. \$1000

OVEN
(793) 4619 MISSION St.; bake oven in bakery.
Owner—A. B. Frank, 4607 Mission st.
Architect—None.
Contractor—San Francisco Oven Co., 1265 Eddy st. \$14.00

DWELLINGS
(794) NW MOSCOW 100 and 125 SW Brazil; two 1-story and basement frame dwellings.
Owner—E. G. Gilbert, 518 Lisbon st.
Architect—None. \$3000 ea.

DWELLINGS
(795) W 43RD AVE. 100 and 125 S Kirkham; two 1-story and basement frame dwellings.
Owner—Harder Bros., 870 39th ave.
Architect—None. \$4000 each

REPAIRS
(796) SE OAK and Schrader; repair fire damage.
Owner—Louis Harris, 62 Montgomery st.
Architect—None.
Contractor—Geo. C. Todhunter, 1088 Ashbury st. \$450.00

DWELLING
(797) S EVELYN Way 220 W Teresita; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola dr.
Architect—None. \$400

ALTERATIONS
(798) 2449 MISSION St.; alter refrigerating plant.
Owner—Kauscher & Bergholz, 2449 Mission st.
Architect—None. \$1100

PLANT
(799) 416 JACKSON St.; install water cooling system in press roller plant.
Owner—Reed Roller & Supply Co., 416 Jackson st.
Architect—None. \$1600

APARTMENTS
(800) SE LYON and Greenwich; three story and basement frame (12) apts.
Owner—H. H. Simons, 2250 Chestnut st.
Architect—J. H. McFarland, 2250 Chestnut st. \$23.00

SIGN
(801) 445 GEARY St.; sign.
Owner—Curran Theatre, 445 Geary st.
Architect—Neale Inc., 909 Geary st.
Contract—Architect. \$1000

DWELLING
(802) S 31ST AVE. 125 S Judah st.; 1-story and basement frame dwelling.
Owner—Geo. Dahlberg, 1085 Holloway.
Architect—None. \$40

SERVICE STATION
(803) 3RD AVE. bet. California & Cornwell; two 1-story steel service stations.
Owner—F. I. Lobeck, 570 Ellis st.
Architect—None.
Contractor—Michael & Pfeffer Iron Wks., 1415 Harrison st. \$1500 each
NOTE—This application cancels No. 282 published Feb. 7, 1928.

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
119	Flemer	Cobura	2450
120	Hastings	Coruba	4990
121	Comyns	Peterson	6425
No.	Owner	Contractor	Amt.
123	Jones	Magill	6525
124	Hibernia	Standard	350
125	Hibernia	Goodwin	1970
126	Hibernia	Scott	3691
127	Hibernia	Raymond	26680
128	Debenedetti	Jacks	48116
129	Hanchett	Clancy	4719
130	Glesener	Moller	60422
131	Glesener	Lawson	830

ALTERATIONS
(119) 1688 PAGE St.; all work for alterations and additions to 1½-story frame bldg.
Owner—Mrs. Metta Flemer, 1688 Page st.
Architect—F. W. Dakin, 310 California st.
Contractor—Ira W. Coburn, Hearst Bldg.
Filed March 22, 1928. Dated Mar. 19, 1928
1st and 15th of each mo. 75%
Usual 35 days 25%
TOTAL COST \$2450
Bond, forfeit, none; limit 40 days; plans and spec. filed.

ALTERATIONS
(120) 3525 PACIFIC Ave.; al work for alterations to bldg.
Owner—Frances F. Hastings.
Architect—Bertz Winter & Maury, 210 Post st.
Contractor—Ira W. Coburn, Hearst Bldg.
Filed Mar. 22, 1928. Dated Mar. 22, 1928
5th of each month 75%
Usual 35 days 25%
TOTAL COST \$4990
Bond, \$2495; surety, Aetna Casualty & Surety Co; limit, 60 days after March 26; forfeit, none; plans and spec. filed.

BUILDING
(121) W TWENTIETH AVE 180 N Lawton N 30xW 120. All work for one-story frame building.
Owner—John F. and May S. Comyns, 47 Linda St., San Francisco.
Architect—None.
Contractor—Peterson Building Co.
Filed Mar. 23, '28. Dated Mar. 23, '28.
Frame up 1700
Finished plastered 1700
Completed and accepted 1700
Usual 35 days 1325
TOTAL COST, \$6425
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

BUILDING
(123) NE CLAREMONT Blvd. and Allston way, lot 18 blk 2977 Merritt Terrace; all work except painting, heating, window shades, wall bed and light fixtures for 1-story and basement frame bldg.
Owner—Robert Jones.
Architect—August Nordin, Mills Bldg.
Contractor—C. T. Magill, 185 19th ave.
Filed March 27, 1928. Dated Mar. 26, 1928
Roof sheathed 1631
1st coat of plaster 1631
Completed and accepted 1631
Usual 25 days 1632
TOTAL COST \$6525
Bond \$3263; surety, Aetna Casualty and Surety Co; limit, 70 days; forfeit, \$5; plans and spec. filed.

BANK
(124) NW MISSION and Norton W 50 x N 100; electrical lock work on 1-story bank bldg.
Owner—Hibernia Savings and Loan Society, Jones and McAllister.
Architect—Arthur Brown Jr., 251 Kearny street.
Contractor—Standard Electric Time Co., DeYoung Bldg.
Filed March 27, 1928. Dated March 22, 1928
Completed 285
Usual 35 days 95
TOTAL COST \$380
Bond \$380; surety, American Surety Co; limit, as required; forfeit, \$10; plans and spec. filed.

(125) WIRING AND ELECTRIC WORK on above.
Contractor—Goodwin Wright Co., 324 Mission st.
Filed March 27, 1928. Dated March 22, 1928
Conduits installed 770.60
Completed and accepted 777.50
Usual 35 days 492.50
TOTAL COST \$1970
Bond, \$1970; surety, Detroit Fidelity & Surety Co; limit, as required; forfeit, \$10; plans and spec. filed.

(126) PLUMBING, HEATING & VENTILATING on above.
Contractor—Scott Co., 243 Minna st.
Filed March 27, 1928. Dated March 22, 1928
Rough plumbing and heating pipes in, sewer connected, boiler set and oil tank in 1847.50
Completed and accepted 923.50
Usual 35 days 923.50
TOTAL COST \$3694
Bond \$3694; surety, New Amsterdam Casualty Co; limit, as required; forfeit, \$10; plans and spec. filed.

(127) GENERAL WORK ON ABOVE.
Contractor—Raymond Granite Co., Inc., 3 Potrero ave.
Filed March 27, 1928. Dated March 22, 1928
Granite delivered 13,340
Granite set 6,670
Usual 35 days 6,670
TOTAL COST \$26,680
Bond \$13,340; surety, Maryland Casualty Co; limit, 75 days; forfeit, \$10; plans and spec. filed.

ALTERATIONS
(128) 838 GRANT Ave; all work on alterations to bldg.
Owner—Rose F. Debenedetti and Regina A. Cuneo, May L and Irene R. Cuneo.

Architect—Will W. Toepke, 74 New Montgomery st.
Contractor—Jacks & Irvine, 74 New Montgomery st.
Filed March 27, 1928. Dated Feb. 21, 1928
1st of each month 75%
Usual 35 days 25%
TOTAL COST \$48,116
Bond \$24,058; surety, Fidelity & Deposit Co. of Md; limit, 80 days; forfeit, \$50; plans and spec. filed.

FLATS
(129) S HIGHLANDS AVE. 150 N Mission st; moving, alterations and additions to flats.
Owner—Floyd Hanchett, 140 Greenwood.
Architect—Creston H. Jensen, 605 Market st.
Contractor—Clancy Bros.
Filed Mar. 28, 1928. Dated Mar. 27, 1928
Exterior ready for painting 1290
All work ready for painting except hardwood floors 1200
Completed and accepted 1149
Usual 35 days 1179
TOTAL COST \$4719
Bond, \$2367; surety, New York Indem. Co; limit, 45 days; forfeit, \$1; plans and spec. filed.

WAREHOUSE
(130) S BRYANT 225 E 8th st; all work except heating on 1-story class B warehouse bldg.
Owner—A. J. Glesener, 735 Folsom st.
Architect—Dodge A. Riedy, 3726 Anza st.
Contractor—Fred Moller, 185 Stevenson.
Filed Mar. 28, 1928. Dated Mar. 22, 1928
Wall steel in place 10,000
Roof slab poured 17,658
Completed and accepted 17,658
Usual 25 days 15,106
TOTAL COST \$60,422
Bond \$30,211; sureties, Thos. F. Mulcahy and Arthur Elvin; limit, 100 days; forfeit, none; plans and spec. filed.
Building permit applied for.

(131) HEATING ON ABOVE.
Contractor—Herman Lawson, 465 Tehama st.
Filed Mar. 28, 1928. Dated Mar. 22, 1928
1st of each month 75%
Balance 830
TOTAL COST \$830
Bond, forfeit, none; limit, 100 days; plans and spec. filed.

COMPLETION NOTICES

San Francisco County

Recorded **Accepted**
March 21, 1928—W WHEELER AVE 90 S from S Bay Shore ave 120 x 100 Wm H Grahm to whom it may concern.
March 21, 1928—E PRENTIS NE Cor Eugenia 25 x 70, E Prentiss com 25 N of Eugenia 25 x 70. Wm H Grahm to whom it may concern March 3, 1928
March 21, 1928—25 x 100 ON E LINE Genessee 50 N Joost. J H Verner to whom it may concern March 21, 1928
March 21, 1928—HARRISON & ALAMEDA. Southern Pac Co to Healy Tibbits Const Co. March 20, 1928
March 21, 1928—W 19TH AVE 73.6 N Santiago N 107.6 W 26.6 N 12.6 W 49.11 m or 1 E 120.2 m or 1 to W 19th ave S alg last line 70 to beg known as 2275 Santiago st. Frank J Merschen to Henry Papenhausen. March 21, 1928
March 21, 1928—NE BUSH & OCTAVIA E 30 x N 120. Wm L Penzner to whom it may concern March 21, 1928
March 21, 1928—NE SUTTER & Fillmore sts. Pacific Leasehold Corp to V Fillipps. March 9, 1928
March 21, 1928—E 18TH AVE 225 S Taraval 25 x 120. Adelaide E Beck to whom it may concern Mar. 20, 1928
March 21, 1928—SE DESMOND Comg at pt 125 from int of Desmond & NE Visitation ave ave 29 x 90. Sophie V and Andrew E Marcelli and Hugo Marcelli to Ruegg Co. March 17, 1928
March 22, 1928—NE BEACH & Broderick N alg E Broderick 62.6 x E 87.6 ntn W A 410 Ernest J Gorman to Fred Anderson. March 21, 1928
March 23, 1928—SW CORDOVA AND Rolph rung 58 on Rolph with an irregular depth. L L Davidson to John Carlson. March 22, 1928
March 23, 1928—E DARIEN WAY 75 N Kenwood way ptn lots 19 & 20 blk 3274 Mt Davidson Manor. N Davidson

March 22, 1928—E 6TH & HARRISON
S. E. 25 x N. 8, D. Segheri & Co Inc
vs A R Ingals et al.
March 22, 1928—W Theresa and Mission
SW alg Mission 51.6 NW parl with
SW Theresa 70.9 m or l to SE line
lot 10, NE alg said line lot 107, 50 m
or l to SW Theresa SE alg Theresa
80.6 to pt of beg being lot 106 blk 6
Academy Tr. John Knittle and Frank
B Knittle as Knittle Bros vs Geo-
rgiana Vollmer incamp, and Clara
Carl as gdn. \$1500
March 23, 1928—ALL LOT 603 & N 5
lot 605 S line said 5 being parl and
dist S N line lot 605 Gift Map No 1
Norman & Sons vs W H G and Elea-
nor Down. \$53.53
March 23, 1928—ALL LOT 607 and S
20 lot 605 N line said S 20 being parl
and dist S S from N line said lot
605 Gift Map, Norman & Sons vs W
H G and Eleanor Down. \$53.53
March 23, 1928—SW MCKINNON 275 SE
Mendell SE 25 x SW 100 ptn blk 267
South S F Hd and R R Assn. West-
ern Lime and Cement Co. \$185.71;
Holmes Lime & Cement Co. \$95, vs
J M Smith, Emanuel and Carrie
Tonna.
March 23, 1928—LOT 1 BLK 3 Forest
Hill, Pope & Talbot vs Frank R Hill
and Albe J Hill. \$1026.53
March 23, 1928—NW CLEMENT and
31st ave W alg Clement 32.6 x N 100
ptn O L blk 151, Thomas Day Co
vs T R Belmont and Helen M Bel-
mont. \$204
March 23, 1928—LOT 11 BLK 2483 Map
West Portal Park, Concealo Fixture
Co vs J E Sprague. \$365
March 23, 1928—NW ATHENS 24.6 SW
Persia ave SW 25.6 x NW 100 ptn
blk 63 Excl Hd Assn. H S Thomson vs
Carlo Lupari and J and Jane Doe
Mariani. \$169.23
March 24, 1928—N SANTIAGO RD dist
90 W from W 14th ave W 37.17 N
100.60 E 25.81 S 100, Thos P Hogan
Jr and J R Anderson as Waterfront
Sash & Door Co vs Victor Rose, \$46.25
March 24, 1928—NW CORTLAND AVE
& Prentiss 90 x 100, Lacey & Schulz
vs Mr & Mrs Hollies and W H
Downs. \$25
March 24, 1928—LOTS 16 & 17 BLK E
Columbia Heights also known as lots
4 & 5 blk 7060 assessors map, Albert
Dean vs Mario Archini & Nick Lar-
son. \$25
March 24, 1928—E 32ND AVE 420 N
California N 50 x E 120 lot 19 blk
1391, Edward E Dowd and Maurice H
Seid as Dowd-Seid Elec Co vs Roy W
and A S Gilmore and C E McDonald.
\$40.60
March 24, 1928—W 19TH AVE 150 S
California S alg 19th ave 50 x N 120
being ptn O L 163, Eagle Electric Co
vs Louis D Stoff Inc, Lester and Ger-
ald A Stoff. \$285
March 24, 1928—SW WALLER & Al-
pine Terrace W alg S Waller 59.01
x S 75, J H McCallum vs Georgia C
and James E Raymond. \$752.21
March 23, 1928—1322 DE SOTO ST,
H R Cinnamond vs H H Randles &
J A Groeting. \$100.40
March 23, 1928—55 HILL ST, H R
Cinnamond vs Harry Cills and J A
Groeting. \$25.50
March 23, 1928—ALGOMA APART-
ments 1050 Post St, H R Cinnamond
vs Arthur Stevens and J A Groeting
March 23, 1928—2527 POLK ST, H R
Cinnamond vs Thomas Wyatt and
J A Groeting. \$53.30
March 24, 1928—212 FAIR OAKS ST,
H R Cinnamond vs W S Lyon and J
A Groeting. \$—
March 23, 1928—128 ORTEGA ST, H
Cinnamond vs J R Downing and
J A Groeting. \$25
March 23, 1928—3621 22ND ST, H R
Cinnamond vs C J Murray and J A
Groeting. \$50.96
March 23, 1928—2060, 2062 and 3064
Buchanan, H R Cinnamond vs Con-
cilla and J A Groeting. \$84
March 26, 1928—E ASHBURY 130 S
Frederick S 70 x E 100, Malott and
Peterson vs Florence L Meyer. \$158
March 26, 1928—1710 BEACH BEING
NE cor Retiro way and Beach, R A
Cinnamond vs N John Nelson and
J A Groeting. \$551.25
March 26, 1928—1326A 6TH AVE, H
R Cinnamond vs Hans Peterson &
J A Groeting. \$68
March 26, 1928—H R Cinnamond vs
Mrs Julia McCord, \$78.16
March 26, 1928—2151 23rd ST, H R
Cinnamond vs Edw T Manning and
J A Groeting. \$69.38

March 23, 1928—920 LEAVENWORTH
H R Cinnamond vs A Silverstine &
J A Groeting. \$81.68
March 26, 1928—W VERMONT 75 S
18th known as 618 Vermont st, R H
Holmes and Leonard Jacobson as
Holmes & Jacobson vs F Wolpert. \$34
March 26, 1928—SW MCKINNON AVE
275 SE Mandell 25 x 100, Bokada Co
vs Emanuel and Carrie Tonna. \$39.50
March 26, 1928—SE LAGUNA AND
Green E alg S Laguna 25 x S 100 ptn
W A 191, R C Brown vs Della Bar-
wald. \$99.35
March 27, 1928—SW MCKINNON AVE
275 SE Mandell S 25 x SW 100 ptn
blk 267 South S F Hd R R Assn.
Howes Lumber Co vs Emanuel and
Carrie Tonna and James & David
Neish and Neish Bros. \$194.05
March 27, 1928—E 32ND AVE 420 N
California N 30 x E 120, C E Mc-
Donald vs Roy W and Alvalyn S
Gilmore. \$196.09
March 27, 1928—W VERMONT 75 S
18th known as 618 Vermont st, H L
Hammond as Richmond Elec Co vs
F C Wolpert. \$72

RELEASE OF LIENS

San Francisco County

Recorded	Amount
March 14, 1928—N EDDY 80 W Taylor W 57.6 x N 137.6 Stephen S Herrick as Herrick Iron Works to	
March 24, 1928—E HARTFORD 112-4 S Seventeenth S 25x E 125, N Del Tredici, \$200; Reinhart Lumber & Planning Mill Co \$— to Thomas and Irene Sontag.	
March 24, 1928—E FIFTH AVE 171-7 N Parnassus Ave N 25x E 120, Golden Gate Atlas Materials Co to Mrs. L F Roth; Irving Roth; Roth Constr Co and S Triolo	
March 24, 1928—E HARTFORD 112-4 S Seventeenth S 25x E 125, T I Butler Co; J S Guerin & Co, \$79 to N Del Tredici and Thomas and Irene Sontag	
March 24, 1928—E HARTFORD 112-4 S Seventeenth S 25x E 125, Thomas and Irene Sontag to Hyman and L B Harris, trustees	
March 23, 1928—NW TURK & WEB- ster N 50 x W 95, Meda Art Tile Co to Jesse D Hannah, Herman Kohves.	
March 27, 1928—LOT 5 BLK 17 Forest Hill, E Kloeres & A Koch, G W Sheppard, Pacific Sheet Metal & Fur- nace Co, Central Hardware & Glass Co, H E Ramm to Louis Goldstein.	
March 27, 1928—W PIERCE 100 N Val- lejo N 75 x W 200, Frank J Klimm as Frank J Klimm Co to H F Young.	

BUILDING PERMIT
APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
654	Baird	Owner	5900
655	Chuliz	Owner	11000
656	Cavera	Silva	2000
657	Combs	McNeill	2000
658	East	Knowles	1600
659	Fleming	Owner	2650
660	Franklin	Muller	20000
661	Gish	Owner	2600
662	Mourahan	Schnebl	16000
663	Pacific	Thornally	4000
664	Skattery	Constable	7180
665	Poretto	Coreia	4500
666	Lewis	Owner	1109
667	Martin	Wallstrum	4700
668	Woodburn	Owner	9950
669	Schulze	Thompson	2900
670	Anderson	Owner	7500
671	Busk	Owner	2000
672	James	Owner	6450
673	Lincoln	Smith	5600
674	Lincoln	Smith	2800
675	Lincoln	Smith	2750
676	Sigwald	Owner	3125
677	Sigwald	Owner	3125
678	Taylor	Reed	5000
679	Ramsdell	Owner	2003
680	Westwood	Owner	4000
681	American	Collup	5600
682	Miereo	Owner	4500
683	McCabe	Owner	2750
684	Ferro	Campomenasi	5950
685	Fuller	Horst	1250
686	Grodem	Owner	3000
687	Grodem	Owner	5000
688	Justice	Owner	5000
689	Sorensen	Anderson	5500

LIENS FILED

San Francisco County

March 20, 1928—NW SAN MIGUEL 74
SW Mr Vernon ave SW 66 x NW 100
W J Detjen to Elizabeth De Brien &
Aldrich. \$380
March 21, 1928—W 25TH AVE 160 S
Moraga S 25 x W 120 O L 885, M
Matulwicz to Alexander E and Annie
Gerashimow. \$—
March 21, 1928—NW CLEMENT &
31st ave W 32.6 x N 100, Mallot &
Peterson to T R and Helen M Bel-
mont. \$—
March 22, 1928—LOT 11 BLK 24 Forest
Hill known as 2203 9th ave, Fred
Hauser as Hauser Window Co, vs
Esther and C M Jacobson. \$19.50
March 22, 1928—LOT 11 BLK 2483 Map
West Portal Park, Redwood Mfg Co
vs J E Sprague. \$1795
March 22, 1928—LOT 1 BLK MAP For-
est Hill, H F Tomlin vs Frank R &
Allie J Hill, and Al Crowe. \$167
est Hill, Allen John Cole vs Frank
R Hill. \$155
March 22, 1928—E THIRTIETH AVE
250 N Santiago, 25x120, California
Builders Supply Co vs J Lone and
Mary E Reynolds. \$350
March 20, 1928—W 13RD AVE 235 S
Bellevue W 120 x 25, Atlas Heating &
Vent Co vs R Leon Lawrence. \$988
Correction in name
March 21, 1928—LOT 11 BLK 2482 West
Portal Park, Bay Center Co vs J E
Sprague. \$610
March 21, 1928—N JEFFERSON 166 3
W Scott ave N Jefferson 100 x N
150 J James Conley vs R E Romano. \$900
March 22, 1928—LOT 25 x 100 ON N
Market ave, 150 W Lakeview ave,
Mario Archini to whom it may con-
cern. March 22, 1928
March 22, 1928—1277 EDDY, Mary Mar-
cand vs E R Gay. March 19, 1928
March 22, 1928—E MISSION 156 5 S
100 x 75 on Mission N 192 6 known
as 100 x 75 on Mission N 192 6 known
as 100 x 75 on Mission N 192 6
March 21, 1928
March 21, 1928—1606 11 BLK 6502 Map
Central Park, Central Building Co
to Helen H. March 20, 1928

90	Allan	Owner	3150
91	Duncan	Owner	3500
92	Fundus	Fundus	3000
93	Reel	Durgen	5000
94	Scott	Paul	\$500
95	Dunn	Owner	3500
96	Fee	Henas	3550
97	Burch	Owner	3550
98	Fillmore	Thrams	7000
99	Phillips	Owner	3600
100	Harvey	Martin	2100
101	Furnell	Owner	3000
102	Richards	Owner	3500
103	Kinley	Owner	3500
104	Giffith	Owner	3500
105	Pelkovich	owner	150
106	Nordyke	Van Doorn	12900
107	Sater	Owner	3500
108	Valente	Owner	4000

DWELLING

(654) W BOWLES Pl. 150 S Sunnyhills rd., Oakland; 2-story 6-room dwelling.
Owner—Mary L. Baird, 1031 Bay View ave., Oakland.
Architect—None. \$5900

DWELLING

(656) S 45TH ST. 213 W Market st., Oakland; 1-story 5-room dwelling.
Owner—Peter Cavera, 941 45th st., Oakland.
Architect—None.
Contractor—J. P. Silva, 870 46th st., Oakland. \$3000

DWELLING

(657) 2874 GEORGIA ST., Oakland; 1-story 5-room dwelling.
Owner—W. L. and J. H. Combs, 2874 Georgia st.
Architect—None.
Contractor—F. M. McNeill, 3742 Rhoda ave., Oakland. \$2000

ALTERATIONS

(658) 512 16th st., Oakland; alter (underpinning).
Owner—East Bay Water Co., 512 16th st.
Architect—None.
Contractor—Wm. Knowles, 1214 Webster st., Oakland. \$1600

DWELLING

(659) N MONTANA St. 250 W 25th ave., Oakland; 1-story 4-room dwelling and garage.
Owner—J. and A. Fleming, 3828 Sutter st., Oakland.
Architect—None. \$2650

STORES

(660) S 14TH ST. 75 W Franklin st., Oakland; 2-story concrete stores and offices.
Owner—Franklin Land Co., 805 Syndicate Bldg., Oakland.
Architect—Hugh C. White, Syndicate Bldg.
Contractor—F. A. Muller, Syndicate Bldg. \$30,000

DWELLING

(661) SE KINGSLAND and Redding sts., Oakland; 1-story 5-room dwelling.
Owner—C. H. Gish, 260 Santa Clara st., El Cerrito.
Architect—None. \$2600

REPAIRS

(662) 520 13TH ST., Oakland; fire repairs.
Owner—J. E. Maurahan, 520 15th st.
Architect—None.
Contractor—H. W. Schnebly, 6th and Jackson sts., Oakland. \$16,000

ALTERATIONS

(663) 1545 FRANKLIN St., Oakland; alterations.
Owner—Pacific Tel. & Tel. Co., 140 New Montgomery st., S. F.
Architect—None.
Contractor—W. G. Thornally, 354 Hobart st., Oakland. \$400

DWELLINGS

(664) 1408-10 and 1412-14 East 25th st., Oakland; two 1-story 6-room 2-family dwellings.
Owner—Thomas Slattery, 2524 14th ave., Oakland.
Architect—None.
Contractor—W. C. Constable, 2524 Myrtle st., Oakland. \$3575 ea.

DWELLING

(670) N ZINN Dr. 1000 E Snake rd., Oakland; 2-story 8-room dwelling.
Owner—James Andersen, 3527 Harrison st., Oakland.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland. \$7500

DWELLING

(671) W WHITTLE Ave. 250 N Wilbur st., Oakland; 1-story 4-room dwelling.
Owner—Olaf K. Busk, 4003 Whittle ave., Oakland.
Architect—None. \$2000

DWELLING

(672) NW 87TH AVE. and Holly st., Oakland; 1-story 10-room 4-family dwelling and garage.
Owner—J. C. James, 2300 87th ave.
Architect—None. \$6450

DWELLINGS

(673) S DOWLING St. 35-70 E 85th ave., Oakland; two 1-story 5-room dwellings.
Owner—A. G. Lincoln, 514 Estudillo ave., Oakland.
Architect—None.
Contractor—W. L. Smith, 514 Estudillo ave., Oakland. \$2800

DWELLING

(674) SE 85TH AVE. and Dowling st., Oakland; 1-story 5-room dwelling.
Owner—A. G. Lincoln, 514 Estudillo ave., Oakland.
Architect—None.
Contractor—W. L. Smith, 514 Estudillo ave., Oakland. \$2800

DWELLING

(675) N HILLSIDE St. 75 W 75th ave., Oakland; 1-story 5-room dwelling.
Owner—A. G. Lincoln, 514 Estudillo ave., Oakland.
Architect—None.
Contractor—W. L. Smith, 514 Estudillo ave., Oakland. \$2750

DWELLING

(676) 2806 MORGAN St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$3125

DWELLING

(677) 2800 MORGAN St., Oakland; 1-story 5-room dwelling and garage.
Owner—Sigwald Bros., 916 Alma ave., Oakland.
Architect—None. \$3125

DWELLING

(678) 5866 HARBOARD Dr., Oakland; 1-story 6-room dwelling.
Owner—D. G. Taylor, 418 Pacific ave., Piedmont.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant st., Oakland. \$5000

Correction in owner's name omitted in previous issue.

GARAGE

(655) 450 24TH ST., Oakland; 1-story brick garage.
Owner—J. S. Chultz, 450 24th st., Oakland.
Architect—None.
Contractor—W. K. Owen, 3137 Pleitner ave., Oakland. \$11,000

STORE

(665) 2551 SAN PABLO Ave., Berkeley; 1-story store.
Owner—Joseph, Chian Foretto, 1108 Blake st., Berkeley.
Architect—None.
Contractor—A. E. Correia, 2744 Mathews st., Berkeley. \$4500

ALTERATIONS

(666) 1811 COLUSA Ave., Berkeley; alterations.
Owner—H. C. Lewis, 2165 Virginia st., Berkeley.
Architect—None. \$1100

RESIDENCE

(667) 910 SANTA BARBARA Rd., Berkeley; 1-story 5-room residence.
Owner—Reese Martin, 1600 Curtis st., Berkeley.
Architect—None.
Contractor—P. T. Wallstrum, 2252 Ashby ave., Berkeley. \$4700

RESIDENCE

(668) 111 WALDO Ave., Piedmont; 2-story 8-room frame residence and garage.
Owner—F. L. Woodburn, 617 Walavista, Piedmont.
Architect—None. \$9950

ALTERATIONS

(669) 122 MONTE AVE., Piedmont; alterations.
Owner—Mrs. O. T. Schulze, 123 Monte ave., Piedmont.

Architect—Bliss & Fairweather, 1001 Balboa Bldg., S. F.
Contractor—E. S. Thompson & Son. \$2900

STORES

(679) 1305-07-09 CURTIS St., Berkeley; 1-story 3 stores.
Owner—D. C. Ramsdell, 1226 Gilman st., Berkeley.
Architect—None. \$2000

RESIDENCE

(680) 30 NEW BROADWAY, Berkeley; 1½-story 5-room residence.
Owner—Lee Westwood, 3807 Clark st., Oakland.
Architect—Charles Westwood. \$4000

ALTERATIONS

(681) NW PARK BLVD. & E-EIGHTEENTH St., Oakland. Alterations and addition.
Owner—American Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—C. R. Collupcy, 464 California St., San Francisco. \$5600

DWELLING

(682) NO. 1310 CAVANAUGH ROAD, Oakland. One-story 6-room dwelling.
Owner—H. Miereo, 2505 9th Ave., Oakland.
Architect—None. \$4500

DWELLING

(683) S LOGAN ST. 250 E Fruitvale Ave., Oakland. One-story 5-room dwelling.
Owner—J. D. McCabe, 2528 Peralta Ave., Oakland.
Architect—None. \$2750

DWELLING

(684) 2527 CALHOUN St., Alameda; 1-story 6-room dwelling, cement and plaster finish.
Owner—T. Ferro, 2521 Bay Island ave., Alameda.
Architect—None.
Contractor—E. Campomenosi, 6401 Broadway Terrace, Oakland. \$5950

ALTERATIONS

(685) 1358 PARK St., Alameda; marble front on store.
Owner—W. P. Fuller & Co., Oakland.
Architect—None.
Contractor—Hors Mfg. Co., 768 Haight ave., Alameda. \$1250

DWELLING

(686) 1008 MOUND St., Alameda; 1-story 5-room dwelling, stucco finish.
Owner—J. J. Grodem, 1028 San Antonio ave., Alameda.
Architect—None. \$3000

DWELLING

(687) 1004 MOUND St., Alameda; 1-story 5-room dwelling, stucco finish.
Owner—J. J. Grodem, 1028 San Antonio ave., Alameda.
Architect—None. \$3000

DWELLING

(688) 924 Broadway, Alameda; 1-story 6-room dwelling, stucco finish.
Owner—N. F. Justice, 3232 Bayo Vista ave., Oakland.
Architect—None. \$5000

DWELLING

(689) 1633 MORELAND Dr., Alameda 1-story 6-room dwelling, cement plaster finish.
Owner—Michael Sorensen, San Francisco.
Architect—Williams & Wastell, Oakland.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda. \$5500

DWELLING

(690) W 86TH AVE. 80 N Holly st., Oakland; 1-story 5-room dwelling and garage.
Owner—John Allan, P. O. Box 416, Hayward.
Architect—None. \$3150

DWELLING

(691) 3909 LYMAN Rd., Oakland; 1-story 6-room dwelling.
Owner—V. L. Duncan, 567 12th st., Oakland.
Architect—None. \$3500

DWELLING

(692) N ELIZABETH St. 185 W Seminary ave., Oakland; 1-story 5-room dwelling.
Owner—John Fundus Sr., 5811 Seminary court, Oakland.
Architect—None.
Contractor—Chas. Fundus. 5811 Seminary court. \$3000

DWELLING
(697) 1111 HIGH ST., Oakland; 2-story 5-room dwelling.
Owner—John Reel, 2922 LaCresta ave., Oakland.
Architect—None.
Contractor—F. W. Durkin, 2922 LaCresta ave., Oakland. \$5000

ALTERATIONS
(694) 17 1/2 BROADWAY, Oakland; alterations.
Owner—L. E. Scott, 1103 Federal Bldg., Oakland.
Architect—None.
Contractor—W. C. Cone, 1103 Federal Bldg., Oakland. \$2500

RESIDENCE
(695) NO. 978 CRAGMONT AVE., Berkeley; One-story 7-room 1-family residence.

Owner—M. L. Dunn, Berkeley.
Architect—None.
Contractor—B. M. Paul, 322 Arlington Ave., Berkeley. \$8500

RESIDENCE
(696) NO. 1461 VIRGINIA ST., Berkeley; One-story 5-room 1-family residence.

Owner—Fee Bros., 2705 Derby St., Berkeley.
Architect—None. \$3500

DWELLING
(697) W SIXTY-EIGHTH AVE 650 S Arthur St., Oakland; One-story 6-room dwelling and one-story garage.
Owner—Joe M. Burch.
Architect—None.
Contractor—J. A. Henas, 6916 Arthur St., Oakland. \$3550

DWELLING
(698) W 109TH AVE 120 S Sunnyside st., Oakland; One-story 5-room dwelling and one-story garage.
Owner—Fillmore & Smith, 1701 Broadway, Oakland.
Architect—None. \$3550

STORES
(699) NW MORAGA ROAD & HAMPTON Place, Oakland; One-story stores.
Owner—Mrs. W. Bruce Phillips, 2714 Piedmont Ave., Berkeley.
Architect—None.
Contractor—C. H. Thrans, 28 Home Pl., Oakland. \$7000

RESIDENCE
(700) 1652 VISALIA Ave., Berkeley; 1-story 5-room residence and garage.
Owner—Mrs. O. Harvey, Oakland.
Architect—J. F. Hubbard, 1601 Thousand Oaks, Berkeley. \$3600

ALTERATIONS
(701) 3130 CALIFORNIA ST., Berkeley; alterations.
Owner—T. L. Purnell, 1600 Woolsey st., Berkeley.
Architect—None.
Contractor—Geo. C. Martin, 560 19th st., Oakland. \$2100

RESIDENCE
(702) 1717 BERKELEY, Berkeley; 1-story 6-room residence.
Owner—T. J. Richards, 7811 Grove st., Berkeley.
Architect—None. \$3000

APARTMENTS
(703) 1765 OXFORD ST., Berkeley; three-story 48-room frame and stucco apts., 13 apts.
Owner—H. C. Kinley, 2320 Haste st., Berkeley.
Architect—A. De Bathecharb, 419 Michigan ave. \$25,000

DWELLING
(704) E NORTON Ave. 150 N Wisconsin st., Oakland; 1-story 5-room dwelling.
Owner—Chas. Griffith, 3320 35th ave., Oakland.
Architect—None. \$3500

ADDITION
(705) 3115 13TH AVE., Oakland; addition.
Owner—E. Polkovich, 3115 13th ave.
Architect—None. \$1500

DWELLING
(706) N STONEWALL Rd. 1600 N Claremont ave., Oakland; 2 story 8-room dwelling.
Owner—C. H. Nordlye, Berkeley.
Architect—None.
Contractor—Robert Van Dorn, 133 Greenbank ave., Piedmont. \$12,000

DWELLING
(707) 10611 BEVERLY AVE., Oakland; 1-story 5-room dwelling.
Owner—A. E. Sater, 3727 Hillview ave., Oakland.
Architect—None. \$3590

DWELLING
(708) 1809 109TH AVE., Oakland; 1-story 5-room dwelling.
Owner—M. E. Valente, 5118 Clarke st., Oakland.
Architect—None. \$4000

BUILDING CONTRACTS

Alameda County

83 Kaelin	Jacobs	9600
95 Bridge	Henderson	2684
96 Christie	Norton	37200
97 Pacific	MacDonald	134715
98 Franson	Cederborg	3900
99 Crosby	Sham	11816
100 Smith	Cederborg	14805
101 Womens	Dohrman	7019
102 Bowles	Ludlow	4225

RESIDENCE
(95) 17 EL CAMINO REAL, Berkeley; addition and repairs to residence.
Owner—Mrs. H. S. Bridge, also known as Carrie E. Bridge, Berkeley.
Architect—None.
Contractor—H. K. Henderson, 20 Arvis rd., Berkeley.

Filed March 22, 1928. Dated Feb. 24, 1928
Frame complete \$670
1st coat of plaster 670
Completed 670
Usual 35 days 674
TOTAL COST \$2684

Bond, none; limit, 60 days; forfeit, \$1 per day; no plans or spec. filed.

APARTMENTS

(96) LOT 147 Arbor Villa Trct, on 8th ave., Oakland; all work on 3-story apt. bldg.

Owner—T. M. Christie and Roland W. Moyer, 363 Perry st., Oakland.
Architect—G. W. McPherson, 319 14th st., Oakland.
Contractor—H. A. Norton, 1501 Cavanaugh rd., Oakland.

Filed March 22, 1928. Dated Feb. 15, 1928
2 Trust Deeds as payment.
TOTAL COST \$37,300
Bond, none; limit 150 days; forfeit, \$10 per day; plans and spec. filed.

OFFICE BLDG.

(97) S 45TH ST. 170.56 E Telegraph ave., Oakland; all work on 2-story and basement office and story bldg.
Owner—Pacific Tel. & Tel Co., 140 Montgomery st., S. F.

Architect—Chief Eng. of Telephone Co.
Contractor—MacDonald & Kahn, Financial Center Bldg., S. F.

Filed March 22, 1928. Dated Mar. 21, 1928
1st of each month 75%
40 days after completion 25%
TOTAL COST \$134,715

Bond, \$134,715; surety, Pacific Indem. Co.; limit, without delay; forfeit, none; plans and spec. filed.

DWELLING

(98) LOT 18 BLK 20, Mathews Tract, Berkeley. All work for five-room dwelling and garage.

Owner—John and Ingrid Franson, Berkeley.
Architect—None.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland.

Filed March 23, '28. Dated Mar. 1, '28
Roof on \$34
Usual 35 days \$34

TOTAL COST, \$34
Bond, none. Limit, 70 days. Forfeiture none. Plans and specifications filed.

(99) INT. E LINE MOUNTAIN AV with bdy line lots 10 and 11 blk. map Piedmont Park, Piedmont; work on 2-story residence.

Owner—Carlisle C and Jean E Crost Center Bank Bldg., Oakland.
Architect—William Edward Schirmer.
Contractor—H. S. Shabi, 54 Arlette ave Hayward.

Filed Mar. 26, 1928. Dated Mar. 23, 1928
Frame up \$29
Brown coated 29
Completed 29
Usual 35 days 29

TOTAL COST \$118.
Bond, \$11,816; surety, Fidelity & De Co. of Aid; limit 100 days; forfeit \$15 per day; plans and spec. filed.

RESIDENCE

(100) NE ALLSTON AVE. 65.46 NW dividing line lots 12 and 13, blk. 1 revised map of Rock Ridge Park, Oakland; all work on 2-story and basement residence and garage.
Owner—Samuel Morton Smith and Doris McKay Smith, 5626 Ocean View dr Oakland.

Architect—Albert Farr, 68 Post st., S. F.
Contractor—Axel Cederborg, 1455 Excelsior, Oakland.

Filed March 28, 1928. Dated Mar. 23, 1928
1st of each month 75%
Usual 35 days 25%

TOTAL COST \$14,800.
Bond, limit, forfeit, none; plans and spec. filed.

CLUB BLDG.

(101) LOCATION not given; install kitchen equipment in club bldg.

Owner—Women's City Club Co., Federal Telegraph Bldg., Oakland.

Architect—Miller & Warnecke, 1404 Franklin st., Oakland.
Contractor—Dohrmann Hotel Supply Co., 972 Mission st., S. F.

Filed March 28, 1928. Dated Feb. 16, 1928
On acceptance \$1439.75
Bal. in 16 equal installments; 1st installment due 90 days after acceptance.

TOTAL COST \$7019.75
Bond, none; \$25 per day if final completion is delayed; no plans of spec. filed.

DORMITORY

(102) CAMPUS, University of Calif., Berkeley; installing refrigerating equipment in 7-story reinforced concrete dormitory bldg.

Owner—Mary A. Bowles, Sharon Bldg., S. F.

Architect—Geo. W. Kelham, 315 Montgomery st., S. F.
Contractor—Ludlow Refrigeration Engineering Co., Nevada.

Filed Mar. 27, 1928. Dated Mar. 14, 1928
10th of each month 75%
Usual 35 days 25%

TOTAL COST \$4995
Bond \$2112.50; surety, Union Indem. Co.; limit, without delay; forfeit, none; plans and spec. filed.

COMPLETION NOTICES

Alameda County

March 21, 1928—FIRST & MARKET sts. Oakland. Southern Pac Co to Hutchinson Co. March 12, 1928
March 21, 1928—1939 41ST AVE, Oakland. Oscar S and Pearl E Lane to R E Reeves Jr. March 1, 1928
March 20, 1928—LOT 10 CAMBRIDGE Terrace tct. Piedmont. James M Wheat to whom it may concern. March 20, 1928

March 20, 1928—PTN LOT 4 BLK 4, Rock Ridge place. J M Pitts to whom it may concern. Feb 15, 1928

March 23, 1928—NW 31ST AVE & E 12st. Oakland. Derby Estate Co to whom it may concern March 15, 1928

March 23, 1928—4168 MONTEREY Blvd A M Berg to whom it may concern March 22, 1928

March 26, 1928—1821 ARCH ST., Berkeley. Albert Hammarberg to whom it may concern. March 25, 1928

March 26, 1928—E REDWOOD AVE 156.55 N East 14th st. Oakland. T M Christie to H A Norton. March 21, 1928

PIERCE-BOSQUIT Abstract & Title Co.

Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

March 24, 1928—LOT 27 BLK B Glenwood, Oakland. Henry A McCall to Varn Bros. March 2, 1928

March 24, 1928—NO. 7600 HOLLY ST., Oakland. Rugg & Lisbon by R Rugg to whom it may concern. March 23, 1928

March 24, 1928—NO. 7520 HOLLY ST., Oakland. Rugg & Lisbon by R Rugg to whom it may concern. March 23, 1928

March 24, 1928—NO. 7514 HOLLY ST., Oakland. Rugg & Lisbon by R Rugg to whom it may concern. March 23, 1928

March 24, 1928—E PERALTA ST. 36.353 Twenty-sixth St., Oakland. Wm Ford to M B McGowan. Mar. 14, 1928

March 24, 1928—NO. 691 THE ALAMEDA, Berkeley. Scott W Blodgett to whom it may concern. Mar. 24, 1928

March 24, 1928—LOT 12, Lakeshore Manor, Oakland. Wellesley T Richards to Hugh E Williams. Mar. 22, 1928

March 24, 1928—LOT 14 BLK M, Amended Map No. 2, Berkeley Park, Contra Costa Co. Joe L Swoan to whom it may concern. March 15, 1928

March 24, 1928—NO. 8015 HOLLY ST., Oakland. H J Jansen to whom it may concern. March 24, 1928

March 24, 1928—NO. 722 SCENIC AVE Piedmont. Wilder Wight to Beckett & Wight. March 21, 1928

March 24, 1928—905-907 EIGHTEENTH St., Oakland. Ben L Bailey to Meaker & Black. March 23, 1928

March 27, 1928—LOT 144 & S 12 1/2 Lot 143 blk 31 Amended map of Havenscroft, Oakland. F W Conlogue to whom it may concern. Mar. 24, 1928

March 27, 1928—PTN LOT 11 BLK 2 Sub of Fruitvale Heights, Oakland Rochina and Fred Verrilli to whom it may concern. March 27, 1928

March 27, 1928—INT NW LINE 19TH ave and NE line East 16th st, Oakland. W E Rode to whom it may concern. March 26, 1928

March 27, 1928—1803 TO 1805 SPRUCE St., Berkeley. Jack W Thornburg to whom it may concern. March 24, 1928

March 27, 1928—1821-1833 and 1951 Spruce st, Berkeley. Jack W Thornburg to whom it may concern. March 24, 1928

March 27, 1928—3046 PARTRIDGE AV, Oakland. Fulton Spurlock to whom it may concern. March 26, 1928

March 27, 1928—3800 35TH AVE, Oakland. W H Warren to whom it may concern. March 26, 1928

March 27, 1928—2825 60TH AVE, Oakland. John Lehman to whom it may concern. March 26, 1928

March 27, 1928—LOT 125 BLK H, Fernside Tract, Alameda. H R Collins to Walter H Anderson. March 17, 1928

March 22, 1928—PTN SUB NO 1 Survey No 824 for Henry S Lee Esq. 100 acre tct. Pacific Mfg Co vs N H E and May E Clark. \$234.64

March 22, 1928—LOT 293 OAK KNOLL Unit C, Boorman Lumber Co vs Hennings Johnson. \$535.05

March 22, 1928—919 ALMA ST, Oakland. Jane R Modder to F E Sherwood. March 15, 1928

March 22, 1928—PTN LOTS 199 & 197 Terminal Junction Tct. Albany. Jas G and Alice Harris to F E Sherwood. March 16, 1928

March 22, 1928—NE 32ND & MENDOZA sts, Oakland. L A Abbott to Wiley T Vaughn. March 22, 1928

March 22, 1928—6850 HALLIDAY AVE, Oakland. H. C. Wilkerson to whom it may concern. March 15, 1928

March 22, 1928—LOTS 21 and 22 Blk V, Iveywood, Oakland. H Halvorsen to whom it may concern. Mar. 19, 1928

March 22, 1928—LOT 5 BLK 5, Plat of Mount Ararat, Oakland. G L Hale to whom it may concern. Mar. 21, 1928

March 22, 1928—3250 SHEFFIELD St., Oakland. C W Leekins to whom it may concern. March 16, 1928

March 22, 1928—LOT 24 BLK J, Durant Manor, Oakland. Carl Johnson to

LIENS FILED Alameda County

Recorded Amount

March 21, 1928—2803 FORREST ST., Berkeley. V Burch vs Geo H & Maud M Adams. \$203.42

March 21, 1928—833 SANTA RAY AVE Oakland. Melrose Bldg Materials Co vs Mabel R Smith, C C Williams. \$326.06

March 21, 1928—LOT 2 BLK 22, Northbrae, Berkeley. Superior Tile & Products Co vs F R and Enrichetta K Marshall, C E Rednours. \$228

March 20, 1928—LOTS 1 & 2 Garcia Sub, San Leandro. Detroit Steel Products Co vs A C and G T Ostrom, Ostrom Bros. \$500

March 20, 1928—1217 CAMPUS DRIVE Berkeley. A J Marin vs Peter and Betty Nelson. \$472.79

March 20, 1928—1217 CAMPUS DRIVE Berkeley. Marietti & Oberto vs Peter Nelson. \$705

March 19, 1928—LOT 43, MILTON TCT Oakland. Garrett Mill & Lumber Co vs Carmelo Grimaldi, M O Stone. \$20.36

March 20, 1928—LOT 6 & PTN LOT T Leonard Tct, Berkeley. Garrett Mill & Lumber Co vs D B Kovacevic, M O Stone. \$22.68

March 20, 1928—LOT 44, Woodlawn Park, Oakland. Inlaid Floor Co vs Barry Bldg Co, George Taylor. \$177.40

March 20, 1928—PTN SUB 1, Survey No 824 for Henry C Lee Esq 100 Acres Tct, Oakland twp. Greenhood Electric Co vs N H E Clark. \$75

March 19, 1928—N CABRILLO AVE 450 W Alcala ave, Oakland. Gloria Bushberg (Pacific Paint & Wall Paper Co) vs Chas Lundberg. \$95.20

March 19, 1928—1217 CAMPUS DRIVE, Berkeley. O P Reistrup vs Peter and Betty Nelson. \$100

March 19, 1928—PTN SUB 1 Survey No 824 for H C Lee Esq 100 acre tct, Oakland. Inlaid Floor Co vs N H E Clark & May E Clark. \$240

March 19, 1928—LOT 337 UNIT C Oak Knoll, Oakland. Tynan Lumber Co vs A M and D J Kiernan. \$1204.72

March 24, 1928—LOT 24 BLK 8, Thousand Oaks Heights, Berkeley. Garrett Mill & Lumber Co vs Joseph Eggum and F Kennedy. \$301.51

March 24, 1928—NO. 1217 CAMPUS Drive, Berkeley. J A Fazio vs Peter and Betty Nelson. \$437.55

March 24, 1928—LOT 7 BLK 5, Highland Manor, Oakland. A H Monez vs Fayette H and W Bruce Philip. \$1410 and interest

March 24, 1928—LOT 5 BLK C, Excelsior Heights, Oakland. The Scott Co vs H A Norton. \$1523

March 23, 1928—SOUTHERLY PIECE of .535 acre tct desc'd in deed from Realty Syndicate Co to June Lelley Wadey and Montague W Wadey dated Nov. 22, 1921, recorded in book 133 Official Record page 436, Oakland. Walter Mark vs Helen A Watson. \$200

March 23, 1928—890 DOWLING BLVD San Leandro. Clyde J Armosino vs F J Anderson. \$252

March 23, 1928—LOT 1 BLK 1, Montclair Estates, Oakland. F M Cracknell vs Helen A Watson, A J Raymond. \$212

March 26, 1928—2200 DWIGHT WAY Berkeley. Berkeley Hdv Co vs C L Van Meter. Victor Gede. \$353.51

March 26, 1928—LOT 207 BERKELEY View Terrace, Berkeley. C D Collins vs Peter. Betty and P Nelson. \$245

March 26, 1928—421 VASSAR ST, Berkeley. Chicago Lumber Co vs Joseph Eggum F E Kennedy. \$497.25

March 27, 1928—NW LINE COUNTY road alg SE Oakland Municipal Airport & int road running to San Leandro. East Bay Lumber & Mill Co

vs Manuel G Motoza, Rue and Thompson. \$102.65

March 27, 1928—LOT 244, OAK Knoll Tct, Oakland. George A Proctor Jr to Glenn M and Ruby Bright. \$220

March 27, 1928—LOT 254 OAK Knoll Tct, Oakland. George A Proctor Jr to Glenn M and Ruby Bright. \$148

March 27, 1928—LOT 244 OAK Knoll Tct, Oakland. Rudolph S. Booth vs Glenn M and Ruby Bright. \$209

March 27, 1928—1208 COLUSA AVE, Berkeley. Ward Furnace Co vs Walter J Clark, Bay Cities Realty Co, George Nibel, William Mauau. \$75

March 27, 1928—1729 MILVIA ST, Berkeley. Powell Bros Inc vs Leo R Judge, Nick Tribuzio. \$30.70

March 26, 1928—LOT 17 & PTN LOT 16 blk 23 Estudillo tct. Joseph Barnes vs Lillie Marie Fregulia also known as Marie Fregulia. \$1250

March 26, 1928—LOT 2 BLK 22 Northbrae, Albany. Berkeley Lumber and Mill Co vs F R and Enrichetta Marshall, Clyde E Rednours. \$620.56

March 26, 1928—PTN TCT LAND SET aside to Joel Russell in certain partition decree rcd in Lib X of Deeds pagel. Stowe-Lima Lumber Co vs Creste and Elsie Santucci. \$2463.91

March 26, 1928—LOT 18 Claremont Woodland Height. Brockhurst Tile Co vs Albert W Krotozyner. \$36.50

March 26, 1928—LOT 16 & PTN LOT 17 BLK 14 Broadway Terrace, Oakland General Mill & Lumber Co vs T Marshall, Jennie Marshall. \$205.40

March 26, 1928—LOT 1 BLK 4, Oakmore Terrace, Oakland. Sunset Lumber Co vs S E Armstrong, B G Larson. \$513.98

RELEASE OF LIENS Alameda County

March 27, 1928—LOTS 29 & 30 BLK 9 Regents Park No 6, Albany. Millar White to Lena M and Adolph F Hartman. \$1168.07

March 27, 1928—172 ALVARADO RD, Berkeley. Rigney Tile Co to May S and Stacy Gratton, Stanley Hitchcock. \$285

March 24, 1928—SE PARK AVE and Emery st, Emeryville. T L Rosenberg Co to Chin Hing, Chin Sack Woo. \$169.63

March 26, 1928—LOT 55, OAKLAND Prospect Hd, Oakland. Chas. F Osgood to James H Hardy, Edward C Simon. \$137.85

March 26, 1928—LOT 55, OAKLAND Prospect Hd, Oakland. Payne Furnace & Supply Co to James H Hardy, Edward C Simon, C A Tornell. \$1383

March 20, 1928—LOT 31 BLK E, East Piedmont Heights, Oakland. A K Goodmundson to William and Dorothy Hooper. \$197

March 17, 1928—LOT 7, Claremont Heights Sub. No. 1. R O Brown to L D Smith. \$98.65

March 17, 1928—SW FORTY-FIFTH ST. & San Pablo Ave., Oakland. Rhodes-Jameson Co to Sophie O'Neill; Robt W Gardner and Adolph R Bergman. \$65.27

March 17, 1928—LOT 28 BLK R, Resub Pto Roberts & Wolfskill Tract, Oakland. H A Liese & Co to William A Irwin and Geo H Lydixsen. \$27.50

March 19, 1928—NO. 1922 BROADWAY, Oakland. S E Smith to Maude and Edward Hollister. \$111.92

March 19, 1928—NO. 950 ORDWAY ST., Albany. Richmond Navigation & Improvement Co to Floyd R and Enrichetta Marshall and C E Rednours. \$299.37

March 22, 1928—LOT 20 STONER AND Talbot Sub No 1. Brockhurst Tile Co to Milton B Stover, Thos H Talbot. \$81.5

March 22, 1928—2208 & 2210 ROSE ST Berkeley. C C Luis to J J Geary, Peter Jacobs, G F Dowling (2 releases. \$34 each

March 21, 1928—PTN BLK 6, Hayward Acres, Eden twp. Blackman-Anderson Mill & Lbr Co to A E Gomes \$306.34

March 21, 1928—LOT 18 AVENUE Terrace, Oakland. Gloria Bushberg to A Olander, A W Schneek, May Morris, May P Morris. \$44.60

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

BUILDING PERMITS

SANTA CLARA COUNTY

March 8, 1928—N MARGARET ST. 15 10/13 E Tenth St., San Jose. Grover S Carpenter et al to whom it may concern. March 7, 1928

MARCH 8, 1928—E WILLARD ST. 10-70 S. Line bet. Lots 8 and 9 BLK 5, May-park Hart Acres. A. H. Wilson et al. to whom it may concern. March 7, 1928
MARCH 8, 1928—LOTS 18 AND 19 BLK 5, George Terrace, Palo Alto. H. A. Van Dusen to whom it may concern. March 3, 1928
MARCH 9, 1928—LOT 15-A BLK 1, Restwood Park No. 1. George O. Tompkins to whom it may concern. March 3, 1928

MARCH 11, 1928—W TENTH ST. 37-81 N. St. John St., San Jose. Mary Eugene to whom it may concern. March 8, 1928

MARCH 12, 1928—S 1/2 LOT 27, Resubd Boye Addition, Palo Alto. Mathilda Wagner et al. to whom it may concern. March 9, 1928
MARCH 12, 1928—N 1/2 LOT 27, Resubd Boye Addition, Palo Alto. Frances E. Wagner to whom it may concern. March 9, 1928

MARCH 12, 1928—W TWELFTH ST. 1248 S. Virginia St., San Jose. Owen P. Holaday et al. to whom it may concern. March 10, 1928

MARCH 13, 1928—LOT 11 and W 1/2 Lot 12, Hyde Residential Park, San Jose. I. R. Abbott et al. to whom it may concern. March 12, 1928

MARCH 13, 1928—LOTS 7 TO 10 BLK 10 College Terrace, Palo Alto. Ruth C. Woodyatt to whom it may concern. March 10, 1928

MARCH 11, 1928—NO. 217-221 S-FIRST ST., San Jose. Chas M. O'Brien to whom it may concern (plumbing for building). March 7, 1928

MARCH 15, 1928—W ATLAS AVE 739 S. Alameda, San Jose. Clyde Alexander to whom it may concern. March 15, 1928

MARCH 15, 1928—LOT 20 BLK 2, Lincoln Residential Park, San Jose. Peter Pingel to whom it may concern. March 15, 1928

MARCH 16, 1928—W LINCOLN AVE and NE Cor. land of McCash, San Jose. J. D. Brown to whom it may concern. March 16, 1928

MARCH 8, 1928—SE PEPPER AVE 462 SW San Francisco and San Jose Rd. San Jose. The Minto Co vs Richard Wagner. \$579.88

MARCH 8, 1928—LOT 34 BLK 5, Bartley Tract, Palo Alto. A. J. Fischer vs Robert Dinkel. \$14.50

MARCH 8, 1928—SE PEPPER AVE 462 SW San Francisco and San Jose Rd. San Jose. Merner Lumber Co vs Richard Wagner. \$137.42

MARCH 12, 1928—NO. 221 THE ALAMEDA, San Jose. H. E. Smith vs T. F. Pieper. \$183.90

MARCH 14, 1928—LOTS 1 AND 2 BLK 1, Keiser Tract, San Jose. Glenwood Lumber Co vs Joe Lo Protto et al. \$59.78

MARCH 16, 1928—LOTS 1 AND 2 BLK 1, Keiser Tract, San Jose. Steel Service Co vs Joe Lo Protto. \$67.80

MARCH 16, 1928—75 ACRES bet. NW Cor Orchard in Lot 55, Santa Teresa Rancho. W. Duckgeischel vs John Heinlen Co. \$842.11

BUILDING CONTRACTS

SAN JOSE

GARAGE, commercial, \$1250; Willow and McLellan, San Jose; owner, P. Bono, 375 Willow.

BUSINESS building, \$15,700; Second and Virginia, San Jose; owner, Art Fixture Shop, 728 S 2nd; architect, Herman Krantz; contractor, Tynan Lumber Co., 1600 The Alameda.

ALTERATIONS to business bldg., \$1000; 191 S. First St., San Jose; owner, Holman Co., San Francisco; contractor, H. A. Bridges, Pine and Lincoln.

COTTAGE, 2 rooms, \$1200; Polhemus nr. Elm, San Jose; owner, W. W. Withrow, 131 Polhemus.

RESIDENCE, 3 rooms, \$1980; 26th near St. James, San Jose; owner, W. F. Ochs, 209 N. 26th.

RESIDENCE, 3 rooms, \$5000; Second & Mission, owner, John Gallagher, 584 N. 15th, contractor, A. O. Lindquist, General Delivery.

STORE, \$1750; William and 14th, San Jose; owner, C. J. Wilkin, 312 S 3rd; contractor, Frank Hoyt, 495 S 13th.

RESIDENCE, 1 room, \$1800; Harliss nr. Virginia, San Jose; owner, Hugh E. Bayles, 910 Harliss.

RESIDENCE, 6 rooms, \$5500; Tenth & Margaret, San Jose; owner, G. S. Carpenter, 508 E. Reed.

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and stucco, \$10,000; No. 1011 Waverly St., Palo Alto; owner, Mrs. Robert Reynolds; contractor, H. B. Post.

GARAGE addition, \$1000; No. 1555 Bryant St., Palo Alto; owner, Caroline M. Robbins; contractor, H. B. Post.

RESIDENCE, frame and stucco, \$6000; No. 86 Churchill Ave., Palo Alto; owner, Harry C. Yates.

WAREHOUSE, \$2200; No. 106 Page Mill Road, Palo Alto; owner, R. R. Agnew; contractor, Gutschow Bros.

BUILDING PERMITS

REDWOOD CITY

DWELLING, 2-story frame and brick, \$9000; No. 1312 Hopkins St., Redwood City; owner, E. K. Nelson, 77 O'Farrell St., San Francisco.

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

THEATRE S BROADWAY BLK 3 RANGE A. Mezesville. All work for general construction for two-story reinforced concrete theatre, store and office building.

Owner—General Properties Co., Inc. Architect—Reid Bros., 105 Montgomery St., San Francisco.

Contractor—G. B. Pasqualetti. Filed March 22, 1928. Dated Mar. 20, 1928

Progressive payments of..... 75%
Usual 35 days..... 25%

Bond, \$73,000. Sureties, A. P. Bricca and A. Laiolo. Limit, Aug. 1, 1928. Forfeit, none. Plans and specifications filed.

ELECTRICAL WIRING ON ABOVE. Contractor—M. E. Ryan, Redwood City. Filed Mar. 22, '28. Dated Mar. 20, '28.

Payments same as above..... 75%
Usual 35 days..... 25%

Bond, \$9000. Union Indemnity Co. Limit, 10 days after plaster is completed. Forfeit, none. Plans and specifications filed.

RESIDENCE NO. 121 MEDWAY ROAD, San Mateo. All work to be installed in residence.

Owner—Charles R. Blythe. Architect—Ward & Biohme, 310 Sansome St., San Francisco.

Contractor—Mullen Mfg. Co., San Francisco.

Filed March 20, '28. Dated March 15, '28

Progressive payments of..... 75%
Usual 36 days..... 25%

Bond, \$1912. Surety, Union Indemnity Co. Limit, May 10, 1928. Forfeit, \$20. Plans and specifications filed.

BUILDING CONTRACTS

MARIN COUNTY

RESIDENCE SAUSALITO. Excavating, concrete, carpenter work, plumbing, etc., for one story and basement residence.

Owner—Patrick MacCarthy and wife Sausalito.

Architect—None. Contractor—Albert W. Teather, 405 Cazneau, Sausalito.

Filed March 19, '28. Dated March 15, '28

When completed..... \$500
Balance to be evidenced by promissory note in sum of \$410, payable 60 days after completion.....

Bond, limit, forfeit, none. Plans and specifications filed. TOTAL COST, \$—

BUILDING PERMITS

SACRAMENTO

RESIDENCES (4) 5-room and garages, \$4000 each; No. 2656-2669-2676-2677 16th St., Sacramento; owner, Paul R. Opdyke, 3237 E St., Sacramento.

OFFICE building, \$4000; No. 1501 S St., Sacramento; owner, Palm Iron Wks., 1815 15th St., Sacramento.

RESIDENCE, 4-room and garage, \$1900; No. 2615 59th St., Sacramento; owner, L. S. Christie, 1749 Vallejo Way, Sacramento.

SIGN, \$1000; No. 314 K St., Sacramento; owner, H. Heber, Premises.

RESIDENCE, 7-room and garage, \$5000; No. 1897 11th Ave., Sacramento; owner, W. B. Phillips, 2300 L St., Sacramento.

RESIDENCE, 6-room and garage, \$6000; No. 1709 38th St., Sacramento; owner, J. H. Wohl, 3117 T St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 3622 Curtis Park, Sacramento; owner, C. E. Bennett, 2507 K St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 601 47th St., Sacramento; owner, J. H. Haag, 5033 T St., Sacramento.

RESIDENCE, 5 rooms and garage, \$4500; 500 46th st., Sacramento; owner, C. A. Morrill, 2210 O St; contractor, E. V. Gilkey, 4659 Elliott ave.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RESIDENCES (2) and garages, \$1600 each; No. 321-325 Jefferson St., Stockton; owner, J. Schwartz, 941 S-Center St., Stockton.

RESIDENCE and garage, \$1800; No. 2435 E-Church St., Stockton; owner, Mrs. Pauline Klein, Stockton.

BUILDING PERMITS

FRESNO

DWELLING, \$3800; No. 1051 Arthur St., Fresno; owner, Howard Knight, 1116 P St., Fresno.

ALTERATIONS and additions, \$1000; 1638 Poplar ave, Fresno; owner, Mr. Frost, 1638 Poplar ave; contractor, D. D. Manchill, 703 Palm ave.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$4500; 666 N Regent, Stockton; owner, R. R. Wagner, 1050 W Harding way.

RESIDENCE and garage, \$4250; 1204 Vernal way, Stockton; owner, F. G. Willow; contractor, F. P. Dobson, 1120 W Harding way.

BUILDING PERMITS

RICHMOND

COTTAGE, frame and plaster and garage, \$3500; E Wilson bet. Garvin & Solano; owner, Thos. L. Woodruff, 10th and Nevin.

COTTAGE, frame and plaster and garage, \$2700; W 35th bet. Garvin and Esmond; owner, A. L. Paulsen, 825 MacDonald; contractor, D. A. Dodge, 155 12th st.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

Los Angeles, Calif.

810 W. 5th Street

COTTAGE, frame and plaster and garage, \$3000; W 34th bet. Garvin and Esmond; owner, Martin Pepich; 3121 Nevin; contractor, Henry Marks.

COTTAGE, frame and plaster and garage, \$3000; W Solano bet. 36th and 37th; owner, Thos. F. Bolger, Tulare and Barrett.

COTTAGE, frame and plaster and garage, \$2400; N Barrett bet. 5th and 6th; owner, Frank Lamble; 6th and Barrett; contractor, Tandy & Theis, 1938 Garvin.

COTTAGE, frame and plaster and garage, \$2400; W San Mateo bet. Modoc and Colusa; owner, Chas. Gritman.

COTTAGE, frame and plaster and garage, \$3000; W 34th bet. Garvin and Esmond; owner, Martin Ppich, 3121 Nevin; contractor, Henry Marks.

Mateo Park, Allan McIntyre to whom it may concern. March 15, 1928

March 20, 1928—HILLSBOROUGH, R M Turner to J B Oswald, Mar. 19, 1928

March 20, 1928—LOT 14 BLK 21, Burlingame, Virginia M Dahl to Wygant & Collins March 10, 1928

March 20, 1928—BROADWAY Station Southern Pac Co to MacGruer & Co. March 19, 1928

March 14, 1928—PART LOT 8 BLK B, Oak Grove Park, San Mateo, Arthur S Filley to whom it may concern. March 13, 1928

March 14, 1928—LOT 16 BLK 8 HIGH School Addn South San Francisco, May F Bohn to A Pianca Mar. 4, 1928

March 14, 1928—LOT 5 BLK 10 Woodside Glens, William Can Dervost to whom it may concern. March 13, 1928

March 15, 1928—LOT 9 BLK 1 Nelson Park, San Mateo, Thomas Nelson to whom it may concern. March 15, 1928

March 16, 1928—LOT 18 BLK 14 Lyon & Hoag Sub, San Carlos, Leon A De Mics to whom it may concern. March 15, 1928

March 20, 1928—LOT 6 SUE BLK 97, Palo Alto, Charles W Davis to whom it may concern. Nov. 18, 1927

March 17, 1928—LOTS 10 & 11 BLK 1 Conkling and Col Sub, Silvio Barretta to whom it may concern. March 14, 1928

March 17, 1928—SE UNIVERSITY AV 125 NE Waverly st NE 55 SE 80 SW 30 SE 25 NW 150 to beg blk 29 Palo Alto and R or W E B Quackenbush et a. to whom it may concern. March 14, 1928

March 17, 1928—SE BROADWAY 105.59 NE Lincoln ave, San Jose, Ira Brotzman to whom it may concern. March 17, 1928

March 17, 1928—NW HAWTHORNE AV NE Midway St NW 50 x NE 110 ptn lot 21 blk 34 Palo Alto, Clara B Martin to whom it may concern. March 15, 1928

COMPLETION NOTICES

MARIN COUNTY

Recorded	Accepted
March 15, 1928—SAUSALITO, Mae Giblin et al to Melvin Klyce.....	March 15, 1928
March 12, 1928—FAIRFAX, M Linggi to whom it may concern. March 12, 1928	March 12, 1928
March 14, 1928—MARINA COURT, San Rafael, C H Towle to Tissot & Clark March 14, 1928	March 14, 1928
March 19, 1928—SAN ANSELMO, Randolph C Doherty to whom it may concern. March 16, 1928	March 16, 1928
March 21, 1928—WINSHIP PARK, Ross, Alfred W Nordwell to A W Wheeler. March 15, 1928	March 15, 1928

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
March 22, 1928—LOT D BLK 3, Burlingame Terrace, Burlingame, Thomas N Gesso to whom it may concern. March 21, 1928	March 21, 1928
March 22, 1928—LOT 8 BLK 6, East San Mateo, J W Forsythe to Lengfeld & Olund. Jan. 20, 1928	Jan. 20, 1928
March 22, 1928—LOT 64 BLK 18, Easton, Hannah A Kallem to Dowsett & Ruhl Co. March 20, 1928	March 20, 1928
March 22, 1928—LOT 28 BLK 6, Vista Grande, Elanor H Mills to whom it may concern. March 21, 1928	March 21, 1928
March 22, 1928—LOT 6 BLK 3, Burlingame Terrace, Burlingame, Thos N Gesso to whom it may concern. March 21, 1928	March 21, 1928
March 23, 1928—LOT 22 BLK 4, Burlingame Shore Land Co, Ingvard Sorensen to whom it may concern. March 19, 1928	March 19, 1928
March 23, 1928—LOT 6 BLK 5, Burlingame, Fred Bellsborough to whom it may concern. March 16, 1928	March 16, 1928
March 23, 1928—LOT 37 BLK 13, Burlingame, Roy Allen to whom it may concern. March 19, 1928	March 19, 1928
March 23, 1928—LOT 27 BLK 1, Burlingame, Thomas J Broderick to whom it may concern. March 20, 1928	March 20, 1928
March 23, 1928—LOT 44 BLK 18, Vista Grande, Paul B Duerner to whom it may concern. March 21, 1928	March 21, 1928
March 23, 1928—LOT 18 BLK 18, Vista Grande, Paul B Duerner to whom it may concern. March 21, 1928	March 21, 1928
March 23, 1928—LOTS 6, 7, 22 AND 23 Blk 7, University Heights, H I Spohr to whom it may concern. Feb. 22, 1928	Feb. 22, 1928
March 23, 1928—PART LOT 8 BLK C Oak Grove Park, Carl O Sjoberg to whom it may concern. March 21, 1928	March 21, 1928
March 24, 1928—PART LOTS 1 AND 2 Blk 8, North Palo Alto, Lena M Heisler to whom it may concern. March 22, 1928	March 22, 1928
March 21, 1928—GEORGE A PAPE Estate, Hillsborough; George A Pape to A H Cuttlibert. March 22, 1928	March 22, 1928
March 21, 1928—PART LOT 20 BLK 22 San Mateo Western Addn, Nathan L See to Harry Kime. March 19, 1928	March 19, 1928
March 19, 1928—LOT 27 BLK 7 Burlingame Grove, Lester L Edner to whom it may concern. March 14, 1928	March 14, 1928
March 19, 1928—LOT 4 BLK 9 Baywood Lengfeld & Olund to whom it may concern. March 17, 1928	March 17, 1928
March 19, 1928—LOT 68 BREWER Sub Hillsborough, Classis B Eacret to Arthur Duesenberg. Feb. 20, 1928	Feb. 20, 1928
March 20, 1928—PART LOT 2 BLK 10 Menlo Oaks, Louis T Diebbs et al to The Ruegg Co. March 17, 1928	March 17, 1928
March 20, 1928—PART LOT 56 SAN	

March 16, 1928—LOT 18 BLK 6 HILLcrest, Mrs H P Hubbard to whom it may concern. March 15, 1928

March 16, 1928—LOT 18 BLK 5 LLON & Hoag Sub, San Carlos; Hugh MacDonald to whom it may concern. March 15, 1928

March 16, 1928—LOT 38 BLK 2 VISTA Grand, Paul B Duerner to whom it may concern. March 15, 1928

March 16, 1928—LOT 20 BLK 42 LYON & Hoag Sub, Burlingame, P Grove Pedersen to whom it may concern. March 15, 1928

March 16, 1928—LOT 37 BLK 3 VISTA Grand, Paul B Duerner to whom it may concern. March 15, 1928

March 16, 1928—LOT 14 BLK 1 Burlingame Terrace, G R Anderson to whom it may concern. March 10, 1928

March 17, 1928—LOT 10 BARNEY Park, J H Stephens to whom it may concern. March 17, 1928

March 17, 1928—LOT - RESUB LOT A Burlingame, Richard P Minor to whom it may concern. March 16, 1928

LIENS FILED

SAN MATEO COUNTY

March 20, 1928—BAYWOOD, San Mateo, Mary E Edwards et al \$365; Standard Oil Co, \$94.90; Walworth-California Corp. \$254.25, vs Baywood Park Co et al.

March 20, 1928—LOT 10 BLK 3, Burlingame Hills, San Mateo Feed & Fuel Co vs Frederick H Lawton et al \$2676.91

March 21, 1928—LOT 6 PART LOT 10 blk 2 Burlingame Hills, Reinhart Lumber Co vs F H Lawton et al. \$797.02

March 14, 1928—LOTS 35, 36, 37 and 38 blk 12, Vista Grande, Felix Gross Alias vs Burt Young et al. \$330.20

March 16, 1928—LOT 8 BLK 13, Lots 30, 38, 29, blk 12, and lot 4 blk 13, Vista Grande, G A Smith vs Burt Youngs et al. \$428.74

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
March 14, 1928—LOT 31 BLK 10 San Bruno Park, Royal Floor Co alias to John Naunce Lynch. \$210	
March 14, 1928—LOT 32 BLK 10 SAN Bruno, J Rosso to John M. Simlater et al. \$194.25	
March 14, 1928—LOT 21 BLK 10 SAN Bruno Park, C Do'nal to W D Johnson. \$180	
March 14, 1928—HOMESTEAD SAN Mateo, San Mateo Planing Mill to Katie Kurnez et al. \$806.45	

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
March 21, 1928—LOT 50 x 180 ON E Willard st, San Jose, E C Atkinson to whom it may concern Mar. 20, 1928	
March 21, 1928—NW ASHBURY St 100 NE Elm, Richard Slack to whom it may concern. March 19, 1928	

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
March 20, 1928—SE UNIVERSITY AV and SW Cowper st SW 220 SE 80 SW 30 SE 120 NE 150 UW 127.50 NE 200 to Cowper st NW 72.50 to beg ptn lots 1, 4 blk 29 Palo Alto, W S Ray Mfg Co vs Chas H Strub. \$189	

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
March 7, 1928—SE ALAMEDA 51.25 SE Hester Ave., San Jose, Samuel Caccamo; R Helliwig's Iron Works; C Deiter; James Simpson; O C McDonald; San Jose Hardware Co; Guilbert Bros; Frank Filben; W J Poreer Garden City Glass Co; Tynan Lumber Co and Carl Maurer to Louis O Normandin. \$189	
March 8, 1928—LOT 14 BLK 13, Sunnyside Addition No. 2, Palo Alto, Frank A Grunert to A F Cooper et al	
March 14, 1928—SE POLHEMUS AND SW Myrtle Sts., San Jose, Henry Cowell Lime & Cement Co; Tynan Lumber Co to E M Wallace. \$189	

COMPLETION NOTICES

MONTEREY COUNTY

Recorded	Accepted
March 16, 1928—LOT 8 BLK 3, F. S. Spring's Addition, Salinas City, Christian Science Society in Salinas to John Grau. Jan. 28, 1928	
March 14, 1928—PTN OF ESPINOSA Rancho known as Everly Estate in Town of Greenfield, Monterey County, W C and Lucy Underwood to J M Thorp. March 6, 1928	
March 17, 1928—LOT 3 BLK 19 Map of Monterey Heights, L E Gottfried to whom it may concern. March 12, 1928	
March 19, 1928—S 1/2 LOTS 1 AND 2 Blk 7, Spring's Addition to Salinas City, Ray Appleby to Fred McCrary. March 19, 1928	
March 19, 1928—LOT E Part Lots 1, J, K, Blk 20, Sherwood & Hellman's Lot 2 Blk 5, Homestead Addition to Salinas City, John W and Carmel Rice to whom it may concern. March 20, 1928	
March 20, 1928—ALL THAT PTN OF Lots 11 and 13 Blk 141 of Fourth Addition to Pacific Grove, Paul L and Winifred Vanoni to whom it may concern. March 19, 1928	

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
March 21, 1928—LOT 18 BLK 8, Bungalov Park, Stockton, Jennie K Gealey to J R Leighton. Mar. 15, 1928	

COMPLETION NOTICES

SONOMA COUNTY

Recorded	Accepted
March 10, 1928—NO. 520 BEAVER ST., Santa Rosa, E A Green and W F Bohn to whom it may concern. March 16, 1928	

LIENS FILED**SONOMA COUNTY**

Recorded	Amount
March 12, 1928—PTN BLK N, Morgan Bros. Addn to Santa Rosa Santa Rosa Department Store vs William Dering and A. L. Overton	\$15.91
March 15, 1928—PTN SUEB N, Hacienda del Rio Golf & Country Club, T J Bradford vs Hacienda Inc. and J. G. Collins	\$273
March 16, 1928—PTN SUEB NO. 8, Hacienda del Rio Golf & Country Club, Henry Hess Co vs Hacienda Inc. and J. G. Collins	\$651.51
March 19, 1928—PTN REDWOOD EST of S. H. Greene in Jennie Rancho, Colombo Lumber Co vs Peto and Elsie Binonacorsi	\$676.92
March 21, 1928—PTN SEC 13, T 11 W R 11 W M D M L E Johnson vs W H Huyler, Martha Harwood	\$187.22

RELEASE OF LIENS**SONOMA COUNTY**

Recorded	Amount
March 21, 1928—SE PEPPER 462 SW San Francisco and San Jose rd SW 45 SE 63 SW 15 SE 59.87 NE 60 NW 123.15 to leg ptn lots 9 & 10 San Antonio Villa Park, Merner Lumber Co to Richard Wagner.	

COMPLETION NOTICES**SACRAMENTO COUNTY**

Recorded	Accepted
March 21, 1928—LOT 44, Ingleville, A R and Evelyn Greeman to whom it may concern	March 20, 1928
March 20, 1928—LOT 23, Slawson Sub, Sacramento, C L K Johnston to whom it may concern	March 19, 1928
March 20, 1928—LOT 119, City Farms, Sacramento, Oliver L. Varriour to whom it may concern.	March 19, 1928

March 21, 1928—LOTS 71 TO 73, Monte Vista, Charles N and Fannie Wood to whom it may concern.	Mar. 21, 1928
March 21, 1928—LOT 163 S, Curtis Oaks, John N Weber to whom it may concern	March 20, 1928
March 22, 1928—LOT 4, C & D —, Sacramento, Chas G Grosch to whom it may concern	March 22, 1928
March 22, 1928—LOT 7323 Casa Alameda Tract, Sacramento, Gertrude and Katherine Lauken to whom it may concern	March 20, 1928

LIENS FILED**SACRAMENTO COUNTY**

Recorded	Accepted
March 17, 1928—LOT 516 SWANSTON Park Unit No. 2, Sacramento, V Dallman vs Frank Lindsey and B L Foerschler	\$41

COMPLETION NOTICES**FRESNO COUNTY**

Recorded	Accepted
March 23, 1928—FRESNO CITY HIGH School Dist., Edison Technical School to Steve Dulich.	March 22, 1928

LIEN LAW REVISION IS URGED AT PLUMBERS' MEETING

Abrogation or revision of the California material lien law was demanded at a recent meeting of the Bay Counties' Conference of Master Plumbers' Associations. W. H. George, president of the San Francisco Builders' Exchange, urged the associations to work for repeal of this act, to insist on the jobbers enforcing proper credit regulations and use the buying power of reputable plumbers to correct present business evils. Mr. George told of the plan of the Pasadena Exchange, which would require that the complete financial statement and history of each project be posted with the

intention to build. He expressed the opinion that this would not correct the situation and urged the complete abrogation of the law.

George Y. Morton, San Francisco, stated that the plumber was particularly interested in getting rid of the indirect lien claims now existing and is not opposed to the direct lien right of the contractor. He suggested that whichever plan meets with the approval of the greatest number of crafts be backed at the next legislature, as present conditions demand some definite action.

R. W. Timmons, chairman of the lien law committee, endorsed the movement for revision or repeal of the state law.

W. H. Graham of Oakland, told of the national committee working under direction of Secretary Herbert Hoover, to establish a lien law under which each building contract would become a trust fund, and withdrawal of funds for any purpose other than paying bills for that job becomes an embezzlement.

MEYERS SAFETY SWITCH COMPANY TO MOVE TO NEW QUARTERS

The Meyers Safety Switch Co., 419 Tehama street, San Francisco, manufacturers of switchboards, externally operated switches and panel Board pertaining to all types of electrical installations, have now under construction a new two-story factory building adjoining their present plant, and will be completed May 1.

The steady growth of this concern and the increasing demand for their products has necessitated enlarged factory working space. In the new factory there will be installed the latest and most modern equipment for the carrying on of this type of work. The former plant will be used for the warehousing of raw materials, finished products and light assembling.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company**GENERAL LUMBER YARD**

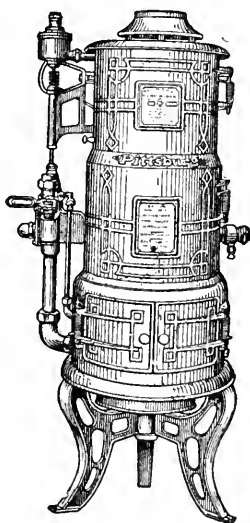
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901.902.903.904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



BUILDING and ENGINEERING NEWS

Publication Office
447 Mission Street

SAN FRANCISCO, CALIF.

APRIL 7, 1928

Twenty eighth Year No. 14

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., APRIL 7, 1928

Twenty-eighth Year, No. 14



45-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
J. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

SEEK TO BAR FOREIGN PRODUCTS
IN PUBLIC CONSTRUCTION

An attempt has been made to insert a clause in the proposed public contract act of 1928, that, in effect, would limit importation of cement and other foreign commodities for use in public construction, according to the Washington, D. C., correspondent for Engineering News-Record, New York. It has become apparent that the cement interests have transferred their efforts to Congress, where a bill has been introduced by Representative Wood, of Indiana, directing purchasing agents to require bidders to specify under each bid the exclusive use of either foreign or domestic material.

It is this procedure that the Associated General Contractors regards as dangerous. The association favors home materials but believes that protection should come through the Tariff Commission. A brief prepared by the Associated General Contractors says: "From the viewpoint of construction, the proposed clause establishes an unfair and discriminatory advantage, which the cement industry has little right to ask. For the purpose of eliminating merely a small amount of foreign competition, it is asking that a detailed procedure be followed, which creates a new difficulty in general contracting and furthermore one in many cases which cannot be compelled with. Should this provision be adopted, it will apply not only to cement but to hundreds of other materials. Numerous foreign products, including chemicals, stone, glass, marble, bronze and other items, find their way into this country and move forward without identity as to origin through successive stages of production, until they finally reach the contractor who bids upon the government project. To ask the contractor to trace out the origin of these things, were it possible even, is carrying out the idea of preference for American materials to an impractical degree."

NEW YORK AND BUFFALO RENT LAWS END ON MAY 31

Expressing the belief the shortage in housing in New York City and Buffalo has disappeared, the State Board of Housing Emergency Rent Laws has made a report to the Legislature in which it recommends that such laws be permitted to lapse automatically on May 31.

Further relief to tenants, however, is urged by the board in a recommendation for the permanent adoption of the six months' discretionary stay provision of the present law, which, it finds, would prevent any undue hardship to protected tenants by removal of the rent laws.

"The emergency rent laws," the report says, "were enacted in 1920 to meet a serious condition of overcrowding and congestion among tenants which grew out of an acute post-war housing shortage. These laws at present apply to dwellings on which the rent, on Dec. 31, 1926, was not more than \$15 per room in New York City, and not more than \$7 a room in Buffalo. The basis for the board's opinion that the emergency does not now exist is because it finds an increase of 36 per cent in vacant apartments in New York City over last year; an increase in available apartments from 286 to 1000 population in 1926 to 301 per 1000 in 1928; an increase in turnover among tenants and a decrease in crowding."

STOCKTON BUILDERS' EXCHANGE ADOPTS WAGE SCHEDULE

A uniform wage schedule for the building industry of California was set and adopted by the Stockton Builders' Exchange April 2, in a monthly meeting. This is a matter that will be considered by a convention of builders' exchanges of the state, to be held April 26 and 27 in Stockton.

The following scale has been adopted, effective immediately:

Bricklayers	\$12.00
Brick Hodcarriers	7.00
Carpenters	9.00
Concrete and Cement Workers.....	7.00
Cement Finishers	9.00
Electricians	9.00
(Time and a half all overtime).	
Hardwood Floormen	9.10
Plasterers	12.00
Plasterer Hodcarriers	8.00
Plumbers	9.00
Painters	8.50
Roofers	8.00
Sheet Metal	9.00
Tile Setters	10.00
Common Laborers	4.00

MILLS

Bench Hands	8.00
Band-Saw, Shaper, Turner Men.....	7.50
General Machine Men.....	7.50
Stick Men	7.50

(5½ day week.)

HIGHWAY CONTRACTORS SUE STATE FOR \$100,000

D. A. Foley & Co., road builders, has filed suit for \$100,000 damages against the State of California alleging it was damaged to that extent when the State restricted it to the southern end of Belle Air Island in the obtaining of materials to build the five-mile stretch of Bayshore highway from San Francisco county line to Broadway station, San Mateo. The company said it was compelled, through the restriction, to blast the hard rock formation and to buy expensive machinery, being unable to use its steam shovels.

FURNACE AND FUEL OIL SPECIFICATIONS ARE ADOPTED

Uniform specifications for the guidance of oil and burner manufacturers and dealers are announced by the American Oil Burner Association. The specifications are the result of research, tests, correspondence and conferences carried on over two years. The American Petroleum Institute and the American Society of Testing Materials co-operated in the work, and the specifications adopted have received practically unanimous approval by the members of the American Oil Burner Association.

In announcing these specifications, Harry F. Tapp, Technologist of the American Oil Burner Association, points out that one of the greatest variables in installations has been non-uniformity of oil. This probably has been more responsible for lack of satisfactory operation than any other one cause. Burner manufacturers found it difficult to explain just what oil they wanted, and oil refiners were in doubt as to the needs of the manufacturer of burners. The oils used have been generally satisfactory and trouble has been due, in the main, to occasional variations.

The first step in solving this problem was the appointment by the American Oil Burner Association of a committee which made a survey with the co-operation of the American Petroleum Institute. Committee D2 of the American Society of Testing Materials was also asked to make a tentative specification form. Specifications of nearly one hundred oils were examined and tabulated, including almost every type of oil on the market and representing almost every locality. Tentative results were submitted to the oil burner and fuel manufacturers and to the Underwriters' Laboratories, and the criticisms received proved useful in determining the final specifications.

The specifications apply to six types of oil, including light, medium and heavy grades of furnace oil used in domestic heating, and light, medium and heavy grades of fuel oil for industrial use. The requirements cover flash point, amount of water and sediment, distillation range, and viscosity.

CALIFORNIA BRANCH OF A. G. C. PERFECTED AT SANTA BARBARA

To bring California builders into closer relationship, a group of twenty-five leading contractors of the state met March 21 in Biltmore hotel at Santa Barbara and perfected organization of the California branch of the Associated General Contractors of America.

C. E. Bressler of Santa Ana was elected president and E. Paul Ford of San Diego was chosen vice-president.

D. H. McQuiddy, president of the Santa Barbara branch, was elected secretary and treasurer of the state organization.

McQuiddy and Roy L. Richardson, secretary of the Santa Barbara branch, will be the Santa Barbara representatives on the state board of directors.

On the evening of April 1 the Santa Barbara chapter of the organization held a dinner in Margaret Baylor Inn to hear W. R. Richards of Washington, D. C., in charge of the national safety campaign, discuss work he is doing.

TRADE UNIONS MAKE EFFORTS TO ADJUST UNEMPLOYMENT AND TO AID IDLE MEMBERS - MEMBERSHIP LIMITED

Federal unions are making efforts to meet the problem of unemployment among their members, according to a statement just made public by the Bureau of Labor Statistics of the Department of Labor, based upon a recent survey of the unemployment situation.

The trade unions seek to do this, it is stated, by limiting their membership, by insisting upon the equal division of work among the regular workers, and by helping the worker who has lost his job to find another. Several labor organizations of national scope are said to maintain either a regular employment office or an information service, and practically all locals regard the finding of jobs for members as part of their regular duties.

Three national organizations, it is said, pay unemployment benefits, and many others suspend payment of dues while a member is out of work. A summary of the survey entitled "American Trade Unions and the Problem of Unemployment" follows in full text:

Unemployment Always Before Organizations

The problem of unemployment is one with which labor organizations are continually confronted, in varying degree. In well-organized trades where the flow of work is more or less even, unemployment may be a very minor factor. In seasonal industries, however, especially in trades or industries where the average labor force exceeds the average supply of work, the matter is one for serious consideration. The mining industry and the clothing trades are well-known examples of the latter situation.

Measures which may be taken to solve the problem are (1) those tending to prevent the occurrence of unemployment, and (2) those taken to alleviate effects of unemployment when it occurs.

As to the prevention of unemployment, labor organizations are handicapped by the fact that unemployment is largely the result of conditions quite outside the control of the workers. They have, however, tackled the problem as best they could by various means, largely from the point of view that the supply of work is a fixed amount. They have endeavored therefore, to conserve and "stretch" this work supply in some or all of the following ways: By limiting the numbers among whom the work must be divided (i. e., by limiting the number of new members admitted to membership in the union and by limiting the number of apprentices); by insisting on the principle of the "worker's right to his job" and requiring an indemnity in case of dismissal; by demanding the "rationing" of the work available among the full working force, instead of permitting the dismissal of unneeded workers and allowing the remainder to work full time; by limiting or prohibiting the working of overtime.

Union Locates Job

When, nevertheless, a union member finds himself out of a job he can rely upon his union to do its best to find him another. Few international unions maintain regular employment offices, but there is hardly a local which does not have some person in touch with conditions and opportunities in the trade. In some cases also a regular office is maintained whose sole business it is to find work for its jobless members. Many unions, indeed, specify in their agreements with the employers that the latter must apply to the union for men to fill any labor requirements.

For persons out of employment through no fault of their own organiza-

tions make provisions in several ways, such as payment of out-of-work benefits, loans, or "relief." Only three international unions are known to be paying unemployment benefits at present, though a great many have done so at one time or another and many local unions still pay such benefits. A great many unions exempt jobless members from the payment of dues during the period of idleness, the sum so "excused" amounting to many thousands of dollars a year. Loans to needy unemployed members are made by at least two national labor organizations.

Notwithstanding the apparently slight assistance given by trade unions to their members, organized workers who are out of a job have an advantage of non-unionists in a similar situation, for, as one investigator put it "there is scarcely an American local union which does not in some form or other contribute toward the support of its unemployed members when they are in need of assistance."

Establish Insurance

The unions in some industries especially subject to the evil of unemployment have realized their inability to cope with the situation alone and have succeeded in obtaining, by collective bargaining with the employers, an unemployment insurance system, with the idea, first, of making the industry responsible for the unemployment of the regular workers within it, and second, of providing employers with an incentive for stabilizing the employment in their plants.

Plans providing either for unemployment insurance or a guaranteed period of employment have been tried in one or more markets of the women's garment industry, the men's clothing industry, the cloth hat and cap industry, the felt-hat industry, and the wall-paper industry. Only a few such plans are now in operation, but where such schemes have been suspended this has not been because of dissatisfaction with the plan but because of factional difficulties within the union. The consensus as regards these plans appear to be that while unemployment insurance has not resulted in decreasing unemployment, it has been of incalculable benefit in alleviating the distress attendant upon it.

ENGINEERS' REGISTRATION ASSOCIATION NOW ORGANIZED

At the meeting of engineers on Engineers' Day at the Los Angeles Road and Equipment Exposition, registration of engineers was unanimously endorsed and a publicity organization formed to be called the "California Engineers' Registration Association". The following officers were elected: president, Donald M. Baker; vice-presidents, Frank H. Olmsted, Philip Schuyler, Walter R. Fleming, and E. Earl Glass; secretary-treasurer, Pecos H. Calahan. A number of additional vice-presidents are to be named in order that the State may be well represented geographically. Practically every engineer present signed the roster, and more than \$90 was subscribed, mostly in one-dollar donations, toward defraying the expenses incident to publicity. Engineers in favor of state registration of engineers are welcome to join the association, merely by sending his name and address to Pecos H. Calahan, secretary-treasurer, 366 West 12th street, Los Angeles, together with a one-dollar bill.

CEMENT IMPORTS GAIN-BELGIUM IS LEADING SHIPPER

Imports of cement during February, 1928, were greater than last year by 29,219 barrels or 19 per cent. On the basis of value a 5 per cent increase is shown, \$211,814 this year compared with \$200,680 in February, 1927. These figures are preliminary reports of the Department of Commerce. The greater portion of imports were from Belgium, which supplied 61 per cent in 1928 and 64 per cent in 1927.

During the first two months the total imports for 1928 were 394,393 barrels and last year there were 323,596 barrels, with the value of \$554,611 and \$470,341 respectively.

Exports during January and February, 1928, amounted to 119,228 barrels valued at \$426,495—a quantitative decrease of 19 per cent from 146,759 barrels valued at \$488,507 exported during the corresponding period last year.

CONFERENCE ON COATED ABRASIVE PRODUCTS ANNOUNCED

A general conference of consumers, technical experts, distributors, and manufacturers interested in coated abrasive products will be held at the Department of Commerce, Washington, D. C., April 11, 1928, to consider drafting a simplified practice recommendation for this commodity, according to the Division of Simplified Practice. For a number of years the quantity of sizes and varieties of abrasive paper and cloth has been increasing at a rapid rate. At present there are many thousands of varieties being carried and catalogued by the industry. It has been estimated that the annual output of the industry amounts to more than \$16,000,000. The Abrasive Paper and Cloth Manufacturers Exchange has submitted a tentative proposal for eliminating the superfluous and seldom-called-for sizes and varieties of coated abrasive products, with the request that the Division of Simplified Practice call a general conference of all interests to consider the adoption of a simplified practice recommendation.

COURT UPHOLDS COLORADO HOME PRODUCTS LAW

A Denver contractor, Peter F. Bossie, who sued for an injunction restraining the mayor of Denver from signing a contract to erect a city and county building, the specifications of which called for foreign marble, stones, etc., won his case through all the lower courts, and on March 19 the state Superior Court ordered that the specifications be rewritten to specify Colorado stone and marble. The intent of the law is that for any state work, including buildings, roads, etc., done in Colorado, the material used must be a Colorado product if it is suitable and the price is not more than 5 per cent above the cost of a foreign article.

100-FOOT WIDE STATE HIGHWAY URGED BY ROAD CHIEF

Minimum right of way for arterial roads should be 100 instead of 80 feet, B. B. Meek, director of the department of public works told state highway engineers assembled in Sacramento, to meet C. H. Purcell, newly appointed state highway engineer. Meek stressed the necessity of anticipating development along such roads so that the necessary rights of way for future expansion of the highway could be obtained either through set-back lines or the actual acquisition of rights of way in such places. The director drew a sharp distinction between methods that should prevail in locating scenic and recreational roads as contrasted with commercial roads.

CONSTRUCTION COSTS ARE SLIGHTLY HIGHER THAN YEAR AGO—SAYS A. G. C.

Construction costs are slightly higher than they were one year ago, according to statistics just compiled by the Associated General Contractors of America. Virtually no change has been recorded since November. This is the first time in two years that a single level has been held throughout three consecutive months.

The average of construction costs now most exactly doubles the average recorded for 1913. A scale which places the 1913 average at 100 as its basis shows the February mark to have been 199. The average level recorded for 1927 was 200, while the corresponding figure for 1926 was 197.

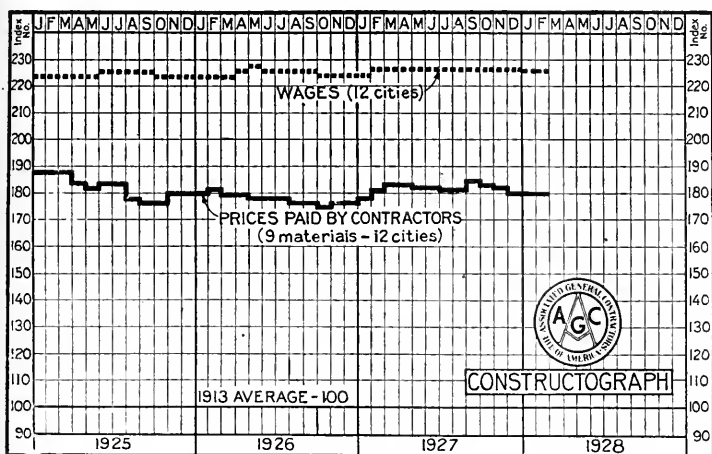
Only two changes in the average of wages paid in the construction industry have been registered since September, 1926. The most recent of these changes, recorded two months ago, was a slight decline that had no effect upon the general cost average.

The average of prices paid for basic construction materials has not shown an

increase since last September, while declines have been registered in October, November and December. The present year not yet has witnessed a change in this average.

With the average of wages remaining virtually unchanged during many months, the trend of construction costs in general has largely been governed by the prices of construction materials. These prices, in turn have shown distinctly different trends in each of the three most recent years. In 1925 the opening months found prices at a high level, with decreases being noted in April, May, August and September. In 1926 the opening of the year found prices at the same level indicated for January of this year, with decreases in March, May, August and October more than offsetting increases in February and November. A general tendency toward higher levels was shown by material during 1927, strong increases in January, February, March and September overcoming the effects of declines in May, June, October, November and December.

CONSTRUCTION COSTS



ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

K-43-X-4472-CS FACTORY SUPERINTENDENT, over 35, with practical experience in manufacture of paint, varnish, lacquers, etc. Apply by letter. Salary \$4000-\$5000 a year. Location Middlewest.

K-51-X-4530-CS SALES ENGINEERS, with backgrounds of five to ten years preferably along combustion engineering and power plant lines, supplemented with some general or sales executive experience, have exceptional opportunity to enter business for themselves as sales agents or franchise holders for prominent pioneer oil burner manufacturer making an unusual product and giving remarkable co-operation. Franchise available in cities of 10,000 upward, requiring capital of \$3000-\$35,000, offering nearly parallel business possibilities existing the automotive industry about 1911. Apply by letter. Hdqtrs. N. Y. C.

R-1563-S SALES ENGINEER, 30-35 yrs. preferably experienced locally, selling reinforcing steel but will consider other selling exper. if record is good. Must know how to estimate steel. Apply by letter with record and photo. Salary open. Location San Francisco.

R-1552-S SALES ENGINEER, preferably technical graduate, about 35 yrs old with sales and construction experience to estimate and detail structural steel and ornamental iron work for fabricating shop. Some travelling. Apply by letter with references and photo. Salary about \$250 to start. Location Midwest.

K-48-X-4532-CS TOPOGRAPHIC DRAFTSMEN, for transit work in connection with farm development, topographic surveying, etc. in the tropics. Salary \$225 month. Single men only. Headquarters East. Apply by letter.

R-1538-S GRADUATE CHEMIST, young man who has had experience if possible in connection with colors and pigments for control laboratory; \$125-150 a month to start. Permanent. Location Alameda County.

SECOND DRAFT OF REVISED UNIFORM MECHANICS' LIEN ACT COMPLETED BY HOOVER COMMITTEE

Announcement is made by the Department of Commerce that the committee appointed some time ago by Secretary Herbert Hoover to study the Mechanics' Lien Laws of the various states for the purpose of determining whether the subject is susceptible of uniform legislation has completed the second tentative draft of a uniform act.

Mechanics' lien acts are in force in all states of the union. They are for the purpose of protecting the claims of contractors, sub-contractors, materialmen, laborers, and others who contribute to an improvement by constituting the property improved a security for their claims while at the same time protecting the owner from payment of claims which, as to him, would be unjust. Complaints have been made that some existing laws are inequitable and that lack of uniformity causes unnecessary expense and inconvenience to those who do an interstate business and to laborers who move from state to state. At the request of various groups this advisory committee was appointed.

The committee is composed of representatives of the principal groups en-

gaged in the construction industry. The National Conference of Commissioners on Uniform State Laws, which is interested in all questions of uniform state legislation and which is composed of officially appointed delegates from each state also has a committee studying this subject and working in close co-operation with the department committee.

The first tentative draft of a Uniform Mechanics' Lien Act was published in the fall of 1926 and distributed to individuals and organizations known to be interested in the subject, soliciting their suggestions and criticisms. A considerable response resulted from this solicitation and in the light of these suggestions which have been carefully analyzed by the committee, the second tentative draft has been prepared.

The new draft is also to be printed and distributed for criticism. The pamphlet will be ready within the next few weeks and will be available at ten cents per copy. Anyone desiring copies may obtain them by addressing Dan H. Wheeler, secretary, Standard State Mechanics' Lien Act Committee, Department of Commerce, Washington, D. C.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

Norman F. Stevens, of Los Angeles, LIGHTING FIXTURES. One of the specific objects of this invention is to provide a novel lighting fixture in which the parts are arranged for economical manufacturing.

Fred Hotchner, of Los Angeles, FLASHING AND REGULATING APPARATUS FOR DISCHARGE TUBE DISPLAY. This invention relates to electric displays of the discharge tube type made into electric signs, building ornamentation, stage effects, etc.

Charles A. Carlson, of Long Beach, GAS ANCHOR. This provides a gas anchor in which a separating chamber is in full communication at its upper end with the exterior of the gas anchor.

Nathaniel A. Yuille, of San Francisco, DREDGE PIPE LINE. This invention relates to pipe lines as used in connection with suction dredges, and through which pipe lines, sand mud earth, and small rocks dug up by the cutter are discharged by means of the usual suction mud pump.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

An interpretation of the term "responsible bidder" has been requested of the Comptroller General by the Secretary of the Treasury. Removal of the growing uncertainty on the part of awarding officials is particularly desirable at this time when the government is embarking upon a large building program. In cases where low bids were not accepted, awarding officials frequently have been subject to such unpleasant criticism that the tendency has been to be lenient with low bidders in the matter of their ability to carry out the contract. In addition, there has been a tendency on the part of the Comptroller to question awards which do not go to the low bidder. As a result the number of defaulted and improperly performed contracts has increased. The Associated General Contractors recently brought together 21 legal decisions which indicate clearly that the courts regard it as the duty of public officials to make awards only to those who are competent to perform their contracts. One of the main questions from the point of view of Treasury officials is whether every bidder is responsible if he can supply a proper surety bond.

General construction costs are the same as they were a month ago, but general building costs are .425 per cent lower, according to the index numbers of the American Appraisal Co. This holds for three main types—frame, brick with wood frame, and reinforced concrete. The decline is due to lower lumber and labor costs.

In general this is true for all sections of the country. The only departure is that it costs a little more than last month to provide reinforced concrete buildings in the Pittsburgh district, the Central West, and on the Pacific Coast.

Material prices have changed negligibly in the last month. The average prices of the chief materials that go into the construction of the four types mentioned are given below for January and February. The drop of $\frac{1}{2}$ in labor amounts to .45 per cent.

	Jan.	Feb.
Lumber	\$50.94	\$50.94
Brick	14.62	14.60
Cement	2.20	2.21
Steel, Pittsburgh	1.85	1.85
Common labor	0.55	0.54%

Endorsement of the five-day week as a means of relieving unemployment throughout the United States was given by Wm. J. McSorley, president of the Building Trades Department of the American Federation of Labor, at a meeting in the Hotel Whitcomb, San Francisco, attended by thirty federation officials, who are investigating the unemployment situation, particularly on the Pacific Coast. The unemployment problem is more serious on the Pacific Coast than in the East, according to McSorley.

Secretary of Labor Davis makes the statement that there is always a million men out of work, some because they cannot get any, and many who do not want to work. The latter, he says, are the men who complain the most about not being able to get a job.

All of the big buildings in down-town Chicago are affected by the strike of the union window washers. They are demanding exclusive rights to wash at \$10.00 month pay and a 41-hour week. The Building Managers are opposing recognition of the union.

The California legislature, meeting next January, will be asked to take steps to acquire all toll bridges and toll roads in the state, under a plan formed by Senator Roy C. Fellom of San Francisco. Fellom plans first an immediate investigation of the toll bridge situation, the findings of which will be embodied in a report he will submit to his fellow legislators. The investigation will be carried on under the terms of the Fellom act appropriating \$5,000 for costs. Examination into structural and operating costs of the Carquinez and other toll bridges in the state and an estimate of revenues will be included in the scope of the investigation.

Following trial runs, the Folsom Prison rock crushing plant in Sacramento county has started permanent operations and will be employed in turning out surfacing material for state highways. The plant, costing about \$10,000, was installed by the State Department of Public Works and will be paid for out of profits accruing from the sale of rock. About 150 convicts will be given employment in the plant and this, in a measure, is expected to have a remedial effect on conditions arising from lack of employment there. The rock will in no case be sold for private enterprises, as it is the desire of the state to refrain from competition with private business.

While final estimates are not available a 10 per cent increase in the Portland cement business is reported for 1927 over 1926. About 170,000,000 barrels of Portland cement were sold during 1927 as against 161,781,000 barrels for 1926 according to information received from the Portland Cement Association.

Will J. French, Director of the Department of Industrial Relations, State of California, announces that the tentative spray coating safety orders on which hearings were conducted during the latter part of last year, are again before the Industrial Accident Commission for consideration. It will be recalled that the tentative orders as originally written were considered by many as being objectionable and confiscatory throughout, and the apparent purpose was interpreted as an effort to legislate the paint spray out of use. It is anticipated that the new Industrial Accident Commission of which Mr. French is the chairman, will go into this matter thoroughly and equitably, and it may be necessary to refer the entire subject to new committees from the several industries affected, for further public hearings.

A conference on lumber standards and trade and grade marking will be held by the Department of Commerce, Washington, D. C., May 3 and 4, following which the National Committee on Wood Utilization will meet May 4 and 5.

The Terrazzo helper wages in Chicago have been increased from \$1.02 $\frac{1}{2}$ to \$1.07 $\frac{1}{2}$ an hour. The agreement runs to April 1, 1930.

The American Committee of the World Engineering Congress, appointed by Herbert Hoover, honorary chairman, will meet in Washington on March 22nd to formulate plans for the participation of American engineers in the Congress, which will be held for the first time in Tokio in 1929.

The Associated General Contractors of America object to the term "lowest responsible bidder" on government work. U. S. Controller McCarl says it means any contractor who can furnish a surety bond. The A. G. C. say there are many other qualifications necessary.

J. J. Backus, city building inspector of Los Angeles, reports the issuance of 327 building permits in March for improvements involving an expenditure of \$9,701,942 as compared with 2576 permits for the corresponding period in 1927 when the total registered \$11,111,777. The operations for the first three months of the year totals 8792 permits for work costing \$25,159,361 as compared with 8912 permits for the same period in 1927 when the total was \$26,815,877.

The city commission of Miami, Florida recently passed a resolution providing that hereafter no contract involving public improvements in the city of Miami shall be made unless said contract shall specify the use of American made products whenever it is found to be in competition with foreign material. The resolution specifically mentioned portland cement.

Business was good in California last month, judging from the number of new corporations that were granted charters by Secretary of State Frank C. Jordan. For the month, 525 articles of incorporation were filed, which equals the record high mark of March, 1924. The receipts for the month were \$43,738 as compared with \$33,288 for February.

Lumber companies owning timber land in Yosemite national park have suspended operations pending the outcome of the controversy regarding the acquisition by the government of their property. W. B. Lewis, superintendent of the park in telling of suspension of operations by lumber companies, also said that assurance had been given that not another tree will be cut on private lands this year.

Contractors of Vancouver, B. C., at a recent meeting vigorously opposed an architects' bill, which they claim would force 85 to 90 per cent of all plans prepared in Greater Vancouver to go through the hands of an architect. At present the regulation is that architects must be called in for all buildings to cost over \$10,000. Under the new proposal any person erecting a building for anyone else must secure the services of an architect. The contractors state that the proposed change would mean a great inconvenience to builders in country districts who could not proceed to erect a small building without calling in an architect from a distance.

Department of Commerce, Division of Simplified Practice, has issued a pamphlet, Commercial Standard N.1-New Billet-Steel Concrete Reinforcement Bars. Copies may be obtained from Supt. of Documents, Government Printing Office, Washington, D. C., for 5 cents each.

Lumber production, shipments and orders during the week ended March 24, surpassed all previous records for this year, reports from 720 mills to the National Lumber Manufacturers show. Production increased about 15,000,000 feet over the 311,000,000 feet of the previous week, while orders reached the unprecedented total of 359,689,000 feet.

TRADE NOTES

Star Lumber Co. of Oakland, capitalized for \$50,000, has been incorporated. Directors are: W. E. Bruce of Stockton, E. Dalton of Oakland and G. N. Whiteide of San Francisco.

Santa Clara Mill & Supply Co. announces change of firm name to Garden Mill & Supply Co., Frank Garden, manager of the company. Headquarters are maintained at Santa Clara.

Consolidated Foundries of San Francisco, capitalized for \$2,000,000, has been incorporated. Directors are Arnold and F. A. Haase, W. V. Lauten, J. E. Long and G. J. Panario.

Associated Lumber Co., conducting yards at Davis, Woodland, Dixon, Auburn, Loomis and Newcastle, has taken over the business of the Central California Building and Loan Association and will operate that business independent of the lumber business.

F. A. Sieke, Jr., has opened an electrical supply store at 1010 Tenth St., Sacramento, and will carry a complete line of electrical appliances and radio accessories.

Taylor Hardware Co. of Santa Barbara has been sold to Irving Newton and John Lindberg by George C. Taylor. The business was established eight years ago. Taylor will enter new lines of business.

National Lighting Fixture and Supply Co., of San Francisco, capitalized for \$50,000, has been incorporated. Directors are: A. H. Felchlin, R. A. Ryan and A. L. Fournier.

Bent Concrete Pipe Co. of Los Angeles has leased 8.43 acres of waterfront land in East Oakland and will establish a plant for the manufacture of high pressure concrete pipe. The initial investment in plant, wharf, spur track, etc., will be \$75,000. The property leased is situated between the William Smith Lumber Co., Crowley shipyard, Southern Pacific tracks and the north arm of Oakland inner harbor.

Retirement of H. A. Rothgran as manager of the Fresno branch of the California Pottery Co. and the appointment of J. E. McDermott as his successor is announced. Rothgran has been connected with the company for the past six years and is said to be leaving to devote his time to his own personal interests. McDermott has been connected with the building trades of the Central California district for several years.

National Fire Proofing Co., Pittsburgh, Pa., announces that Sidney F. Heckert has been elected president. Mr. Heckert has been an architect in Pittsburgh for over forty years and has served as a member of the board of directors of the National Fire Proofing Company for a long time, becoming managing director last year. At the present time Mr. Heckert is also president of the Hollow Building Tile Association.

H. W. Johns-Manville Co. of California is reported to be planning an expansion program at the Pittsburg, Contra Costa County, plant involving an expenditure of \$4,000,000. The company's present holdings in Pittsburg is reported to be valued at \$1,250,000. Growing coastal and foreign trade warrants the increased facilities, according to reports. San Francisco offices of Johns-Manville declare "there is nothing definite yet."

ALONG THE LINE

Lawrence Keyser, 701 Parnassus avenue, San Francisco, has been granted a certificate to practice architecture in California by the State Board of Architecture, Northern District.

R. A. Watkins, city manager of Pittsburg, Calif., will represent that city at the mid-year conference of the California City Managers Association to be held in April 13 and 14 at Monterey.

Felix H. Spitzer, consulting structural engineer, formerly located at 251 Kearny street, has moved to room 414 Humboldt Bank Bldg., San Francisco. Phone Douglas 2908.

Harland P. Bartholomew, city planning expert, will be commissioned by the San Jose city council, to prepare a zoning map for the city. His contract will call for payment of \$6000 for this work.

Ben H. Milliken, 37, former superintendent of State Prison Road Camps, was found dead in his automobile near Walsh Station, eight miles east of Sacramento, April 1. A bullet wound was found in his head and one hand clutched a rifle.

A. M. Barton, engineer for the State Reclamation Board, has been named chief engineer of the American River Flood Control District and will gather engineering data for a flood control project to protect the district's territory. The district was created recently by Governor C. C. Young. An appropriation of \$25,000 was made to finance a study for the situation.

C. E. Crownover of Yakima, Wash., has been appointed by R. K. Tiffany, Washington state hydraulic supervisor, to inspect dams impounding storage water in the state. State Supervisor Tiffany states that 15 major dams in Washington constructed by cities and the reclamation service which were put under his department several years ago, are to be examined. While all of the dams were well constructed, he said that the precaution is being taken as a result of the St. Francis disaster in California.

To reassure the people of California that all dams impounding water either for power, irrigation or domestic purposes are safe, B. B. Meek, state director of public works, has recommended to Governor Young that the latter immediately appoint a high-grade hydraulic engineer to make a careful examination of every dam in the state. This recommendation and a second, providing for a change in the state law to require that all dams erected by public owned utilities or political subdivisions of the state, shall be under state supervision, are the features of a report made by Director Meek at the Governor's council.

George M. McDowell of Portland, Ore., said to be a big stockholder in the Beaver Portland Cement Co., operating a plant at Gold Hill, is reported to be inspecting sites in the Elk Valley district with a view to locating a cement plant, according to word from Crescent City. The Beaver company is said to be the largest user of the present railroad from Grants Pass to Waters Creek, shipping out carloads of limestone for the Gold Hill plant.

HERE — THERE —
EVERYWHERE

The iron, steel and allied industries will again meet at the Hotel Del Monte, Monterey county, in 1929, under the auspices of the California Development Association. The convention will probably be held Jan. 24-26.

City Planning Commission of San Rafael has recommended to city council the adoption of the Uniform Building Code as prepared by the Pacific Coast Building Officials' Conference.

All structural steel operations on \$50,000,000 worth of building in the five boroughs of New York City came to a standstill March 27 pending a settlement of a labor dispute.

E. L. Norberg, San Francisco architect, was a speaker at the recent convention of the Millwork Institute of California. Mr. Norberg addressed the institute on the relation of the architect to the millmen, pointing out the need of closer co-operation.

Bruce Clark of Los Angeles, secretary of the Master Plumbers' Association of California, was the principal speaker at the monthly dinner-meeting March 30, of the Contra Costa County Master Plumbers' Association, held in Martinez.

Business license and plumbing ordinances recently amended by the Oakland city council reduce the cash bond of plumbers from \$200 to \$100.

Beginning June 1st, the Painters Union of St. Louis, Missouri, will adopt the five-day week. Several other crafts are said to be committed to the idea of adopting the five-day basis when their working agreement expire.

F. P. Brady of Martinez, H. W. Near and James Mauzy of Walnut Creek, have been named as delegates to attend the State Association of Master Plumbers' convention to be held at the Clift Hotel, San Francisco, May 14, 15 and 16. The three will represent the Master Plumbers' Association of Contra Costa County.

Iowa contractors are proposing a rating bureau so that architects may be kept informed of the records of contractors on work being done in that state.

New York contractors have renewed agreements for 1928 and 1929 at the prevailing rate of wages.

The carpenters of Youngstown, Ohio, are getting a wage rate of \$1.31¼ an hour. They are content with the wages but want double time for overtime.

The bricklayers of Pittsburgh are making a demand for a short week, effective June 1st.

Building Officials Conference of America will hold its fourteenth annual meeting in the Hotel Statler, Detroit, Mich., April 24-27.

An ordinance embodying the changes in building and plumbing regulations as suggested by the Master Plumbers' Association of San Mateo county has been adopted by the San Mateo city council. The plans are for a uniform building and plumbing code throughout the county. The change in Redwood City ordinances to conform with those of the code will be asked of the council at a meeting in the near future.

(Continued on Page 24)

STANDARD WAGE SCALE URGED FOR STATE BY M. H. GEORGE

It is the latest in the series of public meetings held in San Francisco, and was the principal feature of the dinner meeting of the San Francisco Builders Exchange in the Hotel Lexington at Santa Barbara, Monday.

It is for this is that it never before was expected to erect something of the kind. At the same time, the building industry is not only to agriculture, but also to the least profitable of industries. The reason for this is the lack of a standard wage scale.

There has been a rapid evolution of the industry. Not so many years ago the contractor completed the entire job. Today, there is no man who could gather together and maintain an organization which could complete a modern skyscraper.

Asks Standard Wage

In discussing the problems of the industry, Mr. George advocated a standard wage scale for the year, standard building material prices. He spoke against the five-day week in building trades, declaring that where this has been given a trial, it has resulted first in raising building costs, which in turn has caused a falling off of building. He also spoke in favor of a uniform state building code.

Roy L. Soules, director of the department of vocational education in the

Santa Barbara schools, also made an address which was received with enthusiasm by the audience.

Few Are Trained

"Only 10 out of every 100 boys get college training," said Mr. Soules. "It is up to the schools to provide some training in grades lower than college work for the 90 boys. In this work we offer and ask cooperation of the building trades. With your help we can develop a program beneficial not only to the boys but to you as employers."

Experience Needed

"The school is never the same as real industry. Therefore, a boy should have some actual experience in the trade he is planning to take up. If you men would arrange to hire boys for part time jobs under a cooperative training plan in which you would work together with the schools, I believe we would find that the vocational training plan would have remarkable success."

The meeting was attended by more than a hundred local builders and their wives. There was a long program, starting with community singing under the direction of Fred Lampe, and including an address of welcome by Roy L. Richardson, president of the organization, solos by Mrs. E. B. Pridemore and other features. E. W. Cummings acted as toastmaster.

ever, it is important to note that in point of numbers there are 540 projects this year, compared with 523 last year. There is an extraordinary agreement this year and last for the rest of the West. In the vast region between the Mississippi River and the Pacific Ocean, 1,125 projects have been reported this year, compared with 1,151 last year. The 1927 value was \$457,000,000, compared with \$323,000,000 in the first two months of 1927.

The same remarkable agreement between this year's planning and last year's is to be found in the case of the number and value of projects by classes. Consider the case of water works, in which class this year 143 projects were reported worth \$44,000,000, compared with 142 projects worth \$50,000,000 in 1927. There were 51 excavation projects, against 50 last year, although there has been a distinct decline in value. For roads and streets, the most consistent of all the classes, there are 506 projects, worth \$137,000,000, compared with 533 projects worth \$108,000,000. In the case of industrial buildings, although the value of projects planned is less than last year, the number is about the same. In the case of other buildings (\$150,000 and up), \$441,000,000 worth are planned this year, compared with \$518,000,000 worth last year, and the average value is \$475,000, compared with \$428,000.

PROPOSED WORK BY CLASSES

(000 omitted from value)

	1928		1927	
	No.	Value	No.	Value
Wt.-wks.	143	\$ 44,233	142	\$ 50,451
Sewers	178	41,859	149	45,090
Bridges	85	50,955	99	24,257
Excavation, drainage	51	9,654	53	29,700
Streets & roads	506	136,707	533	108,285
Industrial b'dings	271	69,054	287	102,358
Other b'dings	1,169	540,751	1,217	517,746
Federal Govt.	40	15,449	32	9,667
Unclass.	212	187,101	177	215,526

Total..... 2,655 \$1,095,763 2,689 \$1,103,080

SALINAS LICENSE ORDINANCE MAY BE WITHDRAWN

At a recent meeting of the Salinas city council it was brought out that when the city raised the license of the master plumbers' from \$25 to \$100 that there would be no increase in building costs. However, the union plumbers are planning to raise wages from \$9 to \$10, which, according to the contractors, will make building in Salinas much more costly than it is at present. It was the opinion of some of the councilmen that should this increase in wages be made, they will rescind the recent ordinance and put the license back to \$25 so that outside plumbers can compete in Salinas. The matter will be threshed out on April 16 and the master plumbers will be invited to be present at the meeting.

FRED PARR, TERMINAL CHIEF, TALKS TO RICHMOND BUILDERS

Fred Parr of the Parr Terminal Corporation, was the principal speaker at the monthly banquet-meeting of the Builders' Exchange of Contra Costa County, last Thursday evening. Mr. Parr outlined the growth of the city of Richmond and told of the work of his corporation in bettering the harbor facilities of Richmond with a view to attracting additional industries. He expressed his desire to see local contractors successful in bidding on the various improvements to be undertaken on the Richmond waterfront. P. M. Sanford, president of the exchange, acted as toastmaster and delivered a brief address on the accomplishments of the Parr Terminal.

S. F. MARCH BUILDING ACTIVITIES ROLL UP HEALTHY TOTAL OF \$4,240,494

San Francisco building operations during March rolled up the record total of \$4,240,494 when 556 building permits were issued. March figures present the highest monthly total since November, 1927, when 592 permits were issued for improvements involving an expenditure of \$6,382,171.

The figures of past month exceed those of December, 1927, and January and February of 1928.

In January of this year, 611 permits were issued for improvements costing \$3,719,925. Homes and apartment buildings of frame construction lead the operations with a total expenditure of \$1,443,779. No public construction was included in the figures of the month.

February registered a total of \$2,398,410 with 676 permits issued. During this month permits were issued for 262 frame buildings, mostly homes and frame apartment buildings, costing \$1,288,952. No public construction was included in the month's activities.

March, 1928, activities includes a pier project for the State Harbor Commission which will require an expenditure of \$200,000. No other public construction

is included in the month's total. The feature of the operations was home building. During the month 347 permits were issued for frame structures costing \$1,864,638, of these, about 75 per cent covered the erection of bungalows costing from \$3500 to \$6500.

March, 1927, operations registering 611 permits issued involved an expenditure of \$2,582,915. The big construction program during this period also covering home building which approximated an expenditure of \$1,286,955. No public improvements were included in the month's total.

Following is a segregated report of March, 1928, activities as compiled by the Bureau of Building Inspection of the Department of Public Works:

Class	No. of Permits	Est. Cost
A	4	\$ 559,000
B	2	62,400
C	15	265,950
Frames	347	1,864,638
Alterations	487	598,406
Harbor Bldgs.	1	900,000
Total	856	\$4,240,494

Contemplated Construction Equals Early 1927 Record Figures—Survey Shows

The January and February, 1928, construction reports contemplated but not completed, are adding force remarkably in both number and value with those of 1927. According to Engineering News-Record, New York, there is a difference of less than one per cent and the similarity is quite consistent both geographically and for the classes of work.

In the two months of 1928 there were 269 projects valued at \$1,095,763,000, the

average being \$414,000. The figures for 1927 are 2,689 projects, worth \$1,103,080,000, the average being \$411,000. Thus there were only 34 fewer projects reported this year than last and the difference in money value is only \$7,000,000 out of more than a billion total. The principal falling off is the Middle West, where the value of the proposed work this year is only 52 per cent of last year's, in gauging Middle West activity, how-

Building News Section

APARTMENTS

Elevator Contract Awarded.
APARTMENTS Cost, \$90,000
SAN FRANCISCO. NE Height and
Broderick Streets.

Six-story and basement reinforced concrete apartment building (36 apts.)
Owner—Mrs. Bessie Cooley, 2090 Ninth Ave., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg San Francisco.

Elevator—Pacific Elevator & Equipment Co., 45 Rausch St., San Francisco.

As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland; concrete to H. L. Petersen, 163 Sutter St., S. F.

Working Drawings Being Prepared.

APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Location Withheld, 80x186 feet.

Three-story frame and stucco apartment building (60 2 and 3-room apts.)

Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Plans Being Prepared.

APARTMENTS Cost, \$70,000
OAKLAND, Alameda Co., Cal. Location Withheld, 111x102 feet.

Three-story frame and stucco apartment building (70 rooms of 2 and 3-room apts.)

Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Plans Being Prepared.

APARTMENTS Cost, \$130,000
ALAMEDA, Alameda Co., Cal. Location Withheld, 80x202 feet.

Three-story frame and stucco apartment building (48 2 and 3-room apts.)

Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

To Be Done By Day's Work.

APARTMENTS Cost, \$50,000
OAKLAND, Alameda Co., Cal. SE Thirty-sixth Ave. and Redding St.

Three-story frame and stucco apartment building (48 rooms).

Owner and Builder—O. E. Jones and H. Andler, 354 Hobart St., Oakland.

Architect—Russell G. DeLappe, 1710 Franklin St., Oakland.

Building permit applied for.

Commissioned To Prepare Plans.

APARTMENTS Cost, \$115,000
BERKELEY, Alameda Co., Cal. Dwight Way near College Ave.

Four-story and basement steel frame and brick apartment building (all modern conveniences).

Owner—Withheld.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.

Plans Being Figured—Bids Close April 7

APARTMENTS Cost, \$12,000
SAN JOSE, Santa Clara Co., Cal. Santa Clara st. bet. 2nd and 2nd sts.

Alterations to present two-story brick building (2 stores and 4 apts.)

Owner—Mr. Rampone.
Architect—Wolfe & Higgins, Realty Bldg. San Jose.

Completing Plans

APARTMENTS Cost, \$85,000
MANILA, P. I.

Three-story Class A steel frame and concrete apartment building (6 5-room apts.)

Owner—Dr. Kneedler, Manila, P. I.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

Plans will be submitted to owner shortly, who will call for bids.

LOS ANGELES, Cal.—Architect C. C. Frye, 526 Pacific National Bank Bldg., completes pre. plans for 5-story Class A

apartments to be erected at Sunset Blvd. and Kenmore, for E. J. Burton, 526 Pacific National Bank Bldg.; 134 rooms divided into single and double apartments, reinforced concrete construction. Day Work and sub-contracts.

LOS ANGELES, Cal.—Roy L. Jones, 1770 N. Vermont Ave., completes plans for 5-story class C apts. to be erected on Franklin Ave. for the California Land & Building Co., Jacob Mintz, president, 400 S. Kenmore Ave., 145 rooms arranged in 68 apartments, 100x162 ft., brick construction, cost \$200,000. Will be erected by day labor.

To Be Done by Day's Work

APARTMENT BLDG. Cost, \$36,000
OAKLAND, Alameda Co., Cal., E 8th ave., S Ivy Drive.

Three-story frame and stucco apartment building (36 apartments).

Owner & Builder—H. A. Norton, 1501 Cavanaugh Road, Oakland.

Architect—None.

Plans To Be Prepared

APARTMENT BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. Site not selected.

Three-story frame and stucco apartment building (12 apartments).

Owner—Withheld.
Architect—C. C. Dakin, 2083 Harrison Blvd., Oakland.

Elevator Contract Awarded.

APARTMENTS Cost, \$180,000
SAN FRANCISCO, SW Sixteenth Ave. and Lincoln Way.

Six-story steel frame and concrete Class C apartment building (90 rooms, 2 and 3-room apts.)

Owner—Lincoln Investment Co., Louis Goldstein, 1522 12th Ave., San Francisco.

Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

Elevators—Pacific Elevator & Equipment Co., 45 Rausch St., San Francisco.

Contract Awarded

APARTMENTS Cost \$34,000
OAKLAND, Alameda Co., N Emerson st. E Excelsior ave.

Three-story frame and stucco apartment bldg., 13 rooms.

Owner—H. A. Nugent, 319 14th st., Oakland.

Architect—D. D. Stone, 354 Hobart st., Oakland.

Contractor—D. H. McCorkle, 319 14th st., Oakland.

Architect Taking Sub-Bids.

APARTMENTS Cost, \$55,000

OAKLAND, Alameda Co., Cal. Ivy St. Three-story Class B apartment building (50 rooms, all modern conveniences).

Owner—Ray Johnson.

Architect—Douglas Stone, 354 Hobart St., Oakland.

Sub-Contracts Awarded.

APARTMENTS Cost, \$45,000

OAKLAND, Alameda Co., Cal. No. 1616

Thirty-fifth Avenue.

Three-story frame and stucco apartment building (48 rooms).

Owner and Builder—George F. Sconyers, 2759 77th Ave., Oakland.

Plumbing and Heating—J. A. Freitas,

2811 E-10th St., Oakland.

Electric Wiring—Kerr & Clifford, 3525

E-14th St., Oakland.

Sheet Metal Work—Dunn Sheet Metal

Works, 6410 E-14th St., Oakland.

Electric Refrigeration—Scott-Buttner

Elec. Co., 19 Grand Ave., Oakland.

Fire Escapes—C. Icardi & W. Kuhl, 1265

65th St., Oakland.

Cement—J. B. Lee, 3130 Minna St.,

Fruitvale.

Brick Work—Tom Williams, 1940 Prince

St., Oakland.

Hardwood Floors—Bay City Hardwood

Floor Co., 1837 Bridge St., Oakland.

Roofing—Boorman Lumber Co., 10035 E-

14th St., Oakland.

Tile Work—Not as yet let.

Reinforcing Steel Contract Awarded.

APARTMENTS Cont. price \$97,200

SAN FRANCISCO, NE Dolores and 14th streets.

Five-story and basement reinforced concrete class C apartment building, 74 rooms.

Owner—P. A. Branswarth, 3926 18th avenue.

Architect—Albert H. Larsen, 447 Sutter

Contractor—G. P. W. Jensen, 320 Market street.

Reinforced Steel—Gunn Carle & Co.,

444 Market St.

As previously reported: Concrete, De

Luca & Son, 666 Mission St.. Sub-bids

on other parts of the work are now being

taken. Structural steel awarded Jud-

son-Pacific Co., 609 Mission St.

Painting Contract Awarded

APARTMENTS Cost, \$200,000

SAN FRANCISCO, SW Leavenworth

and O'Farrell Streets.

Eight-story Class A apartment building

(75 2-room apts.).

Owner and Builder—Marian Realty Co.,

110 Sutter St., San Francisco.

Architect—H. C. Baumann, 251 Kearny

St., San Francisco.

Painting—Herman Wachter, DeYoung

Bldg., San Francisco.

As previously reported, plumbing

awarded to Frank J. Klimm Co., 456

Ellis St., S. F.; grading to Sibley Grad-

ing & Teaming Co., 65 Landers St., S.

F.; structural steel to Central Iron Wks.,

2050 Bryant St., S. F.

Sub-Bids Being Taken

APARTMENTS Cost, \$75,000

SAN FRANCISCO, 38th ave. and Cabrillo

Street.

Three-story and base. frame and stucco

apartment bldg., 36 2-room apts.

Owner & Builder—J. Exicios, 135 Darien

Street.

Architect—H. C. Baumann, 251 Kearny

Street.

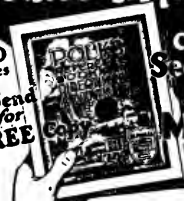
BONDS

FAIR OAKS, Sacramento Co., Cal.—Election held to vote bonds of \$45,000 to finance erection of new school carried by vote of 334 in favor and 76 against.

PRINCETON, Colusa Co., Cal.—Election will be held April 27 in Princeton Grammar School Dist. to vote bonds of \$25,000 to erect new grammar school. Trustees of district are J. R. Scheimer, George H. Gordon and M. N. Yerxa.

Orders-Inquiries

60
pages
Send
for
FREE



Can be
secured
by
MAIL

**POLK'S REFERENCE BOOK
and Mailing List Catalog**

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your **FREE** Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertisers

SAN JOSE.—**Church Being Completed.**
The new St. John's Catholic Church, formed by the merger of St. John's and St. Peter's, is now being completed. The proposed cost is \$100,000.

WARREN.—**Church Being Completed.**
The new St. John's Catholic Church, formed by the merger of St. John's and St. Peter's, is now being completed. The proposed cost is \$100,000.

SACRAMENTO.—**Cal.**—**Electricity.**—The city of Sacramento is now being completed. The proposed cost is \$100,000.

SAN A. BARBARA.—**Cal.**—**City defeats.**—The city of San A. Barbara is now being completed. The proposed cost is \$100,000.

SALINAS.—**Monterey Co., Cal.**—**Until April 1st.**—The city of Salinas is now being completed. The proposed cost is \$100,000.

CHUALAR.—**Monterey Co., Cal.**—**County supervisors sell \$60,000 bond issue of Chualar School District for premium of \$4,334.**—The city of Chualar is now being completed. The proposed cost is \$100,000.

CLARKSBURG.—**Yolo Co., Cal.**—**County supervisors sell \$65,000 bond issue of Clarksburg High School District; proceeds of sale to finance erection of new school.**—The city of Clarksburg is now being completed. The proposed cost is \$100,000.

CHURCHES

STOCKTON.—**San Joaquin Co., Cal.**—**R. C. Walker,** chairman of the Board of Trustees of Central Methodist Church, announces negotiations are under way to restore the property. New organ will probably be installed.

POMONA.—**Los Angeles Co., Cal.**—**First church of Christ, Scientist, has purchased four lots on North Main St. at Pasadena St. and will erect church; property is 217 by 115 feet.**

Plans Completed.
CHURCH.—**Cost, \$50,000.**
RENO.—**Washoe Co., Nevada.**

One-story reinforced concrete church building with the roof.
Owner—Trinity Episcopal Church.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 523 Market st., San Francisco.

Plans have been sent to Reno for approval.

Preparing Working Drawings.
CHURCH.—**Cost, \$50,000.**
SACRAMENTO.—**Cal.**—**Tenth Street, bet. O and P Streets.**

Two-story brick church building (auditorium seating capacity 150).
Owner—First Evangelical Church.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

WASCO.—**Kern Co., Cal.**—**Bids are being received by Rev. Wm. Stuhlman, pastor, St. John's Catholic Church, to erect fireproof church building to contain 1-classrooms and auditorium. Bids are being received on either brick or concrete construction. Plans obtainable from pastor at Wasco.**

Plans Awaiting Approval.
CHURCH.—**Cost \$40,000.**
ALAMEDA.—**Solano Co., Cal.**
One-story brick church building.
Owner—First Church of Christ Scientist.
Architect—Henry H. Guttersen, 526 Powell St., San Francisco.

Plans Being Prepared.
ALTERATIONS.—**Cost, \$20,000.**
SAN FRANCISCO.—**Fillmore and Jackson Sts.**
Rebuild interior of church building.
Owner—Calvary Presbyterian Church.
Architect—H. Meyer, 742 Market St., San Francisco.

Plans Being Completed.
CHURCH.—**Cost, \$27,000.**
STOCKTON.—**San Joaquin Co., Cal.**—**Miner and Sierra Nevada Sts.**
Two-story brick church (Sunday school and social rooms).
Owner—East Side Presbyterian Church.
Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.
Bids will be called for shortly.

FACTORIES & WAREHOUSES

Plans Being Figured.
ALTERATIONS.—**Cost, \$15,000.**
SAN FRANCISCO.—**NE Sixteenth and Harrison Streets.**
Alterations and additions to present storage plant.
Owner—Richard Hellman, Inc.
Architect—Edward A. Eames, 353 Sacramento St., San Francisco.

Site To Be Cleared Next Week.
FACTORIES.—**Approx. \$50,000.**
SAN FRANCISCO.—**Keopier, Seventh and Channel and Eighth Sts.**

Group of one- and two-story buildings (warehouses, factories, offices, etc.; type of construction not decided).
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Architect—Eng. Dept. of Lessees (Mr. Folsom, Manager).
Lessees—W. R. Ames Co., 450 Irwin St., San Francisco.
Work to be done by Lessees.

PERRIS.—**Riverside Co., Cal.**—**Mor-Pak Preserving Co. of Fresno** will erect a cannery at Perris. The company has purchased a site north of the city near the Santa Fe tracks.

Sub-Bids Being Taken.
WAREHOUSE.—**Cost, \$50,000.**
SAN FRANCISCO.—**S Bryant St. E 8th Street.**
One-story Class B warehouse.
Owner—A. J. Glesener Co., 735 Folsom St., San Francisco.
Architect—Dodge A. Reidy, Pacific Bldg., San Francisco.
Contractor—Fred Moller, 185 Stevenson St., San Francisco.

LOS ANGELES.—**Cal.**—**Willis-Overland Automobile Co.** has acquired 20-acre tract in Randolph St. bet. Riverside and Garfield Aves. and will erect \$1,000,000 assembling plant. It is announced by Chamber of Commerce. Plant will have capacity of 300 cars a day.

MODESTO.—**Stanislaus Co., Cal.**—**Southern Pacific R. R. Co., 65 Market St., San Francisco,** plans erection of warehouse, fruit and packing sheds for public marketing area in this section. Spur tracks will also be constructed.

PITTSBURG.—**Contra Costa Co., Cal.**—**Johns-Manville Co.,** is reported to be planning an expansion program at the Pittsburg plant involving an expenditure of \$1,000,000. Growing coastal and foreign trade is said to warrant the increased facilities. San Francisco offices of the company, however, report "there is nothing definite regarding the program as yet."

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"
Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

FRESNO.—**Fresno Co., Cal.**—**Frank R. Terry,** Fresno, is having plans prepared for an automobile service station at 11th and Merced Sts., est. cost \$20,000. will comprise repair shop, battery and lubricating service departments; gasoline and oil storage facilities, etc. Site is 150 by 200 ft.

CALIFORNIA.—**Architect Albert C. Martin, Higgins Bldg., Los Angeles,** preparing plans for four walnut packing houses to be erected for California Walnut Growers Association. Two buildings will be erected in San Joaquin Valley, one at Saucy and one at San Bernardino. They will have concrete foundations and basements, frame superstructures and composition roofs with Summerall roof trusses. Cost \$50,000 to \$70,000 each, including equipment which will be provided for in the architect's plans.

LOS ANGELES.—**Cal.**—**Floco Motors Corp., 138 W. 17th St., Frank L. Odenbrite, pres.,** has been incorporated with a capital stock of \$1,000,000 and plans erection of factory building. The first unit will be one-story, 100x150 ft.

OAKLAND.—**Cal.**—**Bent Concrete Pipe Co., 124 West 6th St., Los Angeles,** has leased 8.43 acres of waterfront land in East Oakland and will establish a plant, the initial expenditure of which will be \$75,000 to include wharf, spur track, etc.

Painting Contract Awarded.
WAREHOUSE.—**Cont. price \$99,180.**
OAKLAND.—**Alameda Co., Cal., Ninth and Castro sts.**
Three-story reinforced concrete wholesale drug whse. and offices.
Owner—Langley & Michaels, 50 First st., S. F.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Clinton Construction Co., 923 Folsom st., S. F.
Painting.—**A. A. Zelinsky Co., 4420 California st., S. F.**
Other awards reported March 22.

WATSONVILLE.—**Santa Cruz Co., Cal.**—**The following bids were received by H. A. Hyde Co., 7th and Main sts., Watsonville, to erect concrete warehouse, 50 by 88 ft. on Nursery grounds at the head of Main st.: Palmer & Dolsinger, Santa Cruz, \$6100; W. F. Secrest, Watsonville, \$6218; W. A. White, Santa Cruz, \$6345; G. C. Carlsen, Salinas, \$6706; J. S. T. Cordoza, Watsonville, \$6823; H. K. Hamm, Watsonville, \$7500; C. T. Todd, Pacific Grove, \$8248. Bids taken under advisement.**

RICHMOND.—**Contra Costa Co., Cal.**—**City council refuses to grant permit to Pacific Coast Apartment Builders Ass'n. to establish a mill and office building in Ohio St., 22nd and 23rd Sts.**

LOS ANGELES.—**Cal.**—**Architects Krempel & Erkes, 415 Bank of Italy Bldg.,** complete plans for a one-story Class C factory building, 177x320 feet, to be erected at Mines Ave. and Galada St., for Brunswick-Balke-Collender Co., 845 S. Los Angeles St. Bids are being taken from a selected list of contractors; will house phonograph record manufacturing department, 115x177 feet, storage warehouse, 115x177 feet, billiard shop, finishing and drying rooms, and boiler room containing 80-h. p. boiler and hydraulic accumulator; brick and concrete construction; cost, \$100,000.

ALAMEDA.—**Alameda Co., Cal.**—**F. R. Siegrist, 693 Mission street, San Francisco,** has started construction of reinforced roundhouse for Santa Fe Railroad (Alameda Belt Line) in local freight yards. The structure including equipment will cost \$85,000.

FLATS

Sub-Bids Being Taken.
FLAT BLDG.—**Cost, \$13,000.**
SAN FRANCISCO.—**Powell Street, Bet. Pacific and Broadway.**
Three-story frame and stucco flat and store building (2 5-room flats and 1 store).
Owner—I. Madrieres.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

GARAGES

Contract Awarded.
OFFICE BLDG. Cost, \$50,000
STOCKTON, San Joaquin Co., Cal. N.
Sutter St. adjoining Medico-Dental
Building, 50x150 feet.
Two-story brick and concrete office and
garage building (4 offices; car capacity,
30; The Sutter Bldg.)
Owner—F. Albertson et al.
Architect—Mayo & Bissell, 421 E-Miner
St., Stockton.
Contractor—J. F. Shepherd, First Nat'l.
Bank Bldg., Stockton.

GOVERNMENT WORK AND SUPPLIES

BENICIA, Solano Co., Cal.—The following bids were received by Construction
Quartermaster, Fort Mason, San Francisco, for fencing cemetery at Benicia
Arsenal.
Anchor Post Fence Co., 761 Bryant
St., S. F. \$353.00
Standard Fence Co., S. F. 443.50
Berty Orn. Iron & Wire Works,
S. F. 619.82
Bids taken under advisement.

TUCSON, Ariz.—Until May 1, 11 A. M.,
bids will be received by U. S. Veterans'
Bureau, Arlington Bldg., Washington,
D. C., to erect fence and gates at U. S.
Veterans' Hospital. The work will include
wrought iron fence and gates with
lattice finished brick posts and chain
link fence and gate with concrete
foundations. Plans and further information
obtainable from Construction Division,
Veterans' Bureau, Washington,
D. C.

MARE ISLAND, Cal.—Turner Co., 329
Phama St., San Francisco, at \$4640,
under Specification No. 5556, awarded
contract by Bureau of Yards and Docks,
for hydrotherapeutic equipment for Mare
Island Hospital.

SAN DIEGO, Cal.—Following is complete
list of bids received (three low
bidders previously reported) to erect
airplane hangar at Naval Operating
Base, air station, San Diego:

Item 1, work, complete; 2a, add for
asbestos-covered corrugated metal as
covered by alternate a in lieu of the
galvanized-copper bearing corrugated
steel; 2b, add for corrugated asbestos
covered by alternate b in lieu of the
galvanized-copper bearing corrugated
steel.

Austin Engineering Co., Inc., 566 South-
ern Blvd., New York City, item 1, \$87,
000; 2a, add \$5000; 2b, add \$2000.

Newport Contracting & Engineering
Co., Inc., Newport News, Va., item 1,
\$5,465; 2a, add \$4500; 2b, add \$2100.

Lynch Construction Co., 730 Merrill
ave., Los Angeles, item 1, \$85,628; 2a,
\$495; 2b, \$2395.

Los Angeles Contracting Co., 4816 W.
ico St., Los Angeles, item 1, \$91,000;
2a, add \$4450.

W. E. Kier Construction Co., 813 1st
ational Bank Bldg., San Diego, item
\$91,440; 2a, add \$4000; 2b, add \$1311.

W. B. Melhorn, 931 W. Washington
St., San Diego, item 1, \$94,249; 2a, \$2,
165; 2b, \$2116.

Campbell Building Co., Security Bank
Bldg., San Diego, item 1, \$82,000; 2a,
2500; 2b, add \$4000.

Lange & Bergstrom, San Diego, item
\$85,300; 2a, \$2700; 2b, \$2000.

Johnson & Hansen, 1536 Buena Vista
St., Ventura, item 1, \$91,863; 2a, \$5100;
2b, \$4500.

Robert E. McKee, Central Bldg., Los
Angeles, item 1, \$79,300; 2a, \$4300; 2b,
3400.

Frank Doran, Spreckels Theatre Bldg.,
San Diego, item 1, \$93,537; 2a, \$3000; 2b,
4300.

John Pringle, 12 Anita Rd., Burlin-
ame, item 1, \$96,000; 2a, \$2630; 2b, 948.

Project involves steel covered structural
steel frame hangars, 200x160 feet,
with lean-to's 120x20 ft., on two sides.

San Francisco.—Until April 10, 11 a. m.,
under Order No. 9565-1288, bids will be
received by U. S. Engineer Office, 85 2nd
St., to fur. and del. Rio Vista, Solano
County, miscellaneous castings. Further
information obtainable from above office.

FAIRFIELD, Montana.—Until April 26,
bids will be rec. by U. S. Bureau of Rec-
lamation, Fairfield, to construct approx.
6 miles of open drain and drainage struc-
tures incident thereto. The work is lo-
cated near Fairfield, Mont., on the Chi-
cago, Milwaukee, St. Paul and Pacific
Railroad. The work will include 192.0
cu yds of drain excavation, 200 cu yds
of excavation for structures, 2,600 cu yds
of backfill about structures, 40 cu yds of
concrete in structures, placing 2,800 lbs
of reinforcement bars, erecting 4,000 ft
b. m. of timber in structures and laying
1,150 lin ft of corrugated metal pipe.
Spec. obtainable from above office.

WASHINGTON, D. C.—Bids are being
received by Bureau of Supplies and Ac-
counts, Navy Department, to furnish and
deliver materials to Navy Yards and Sta-
tions, the date of opening bids as noted
at close of each paragraph. (Further in-
formation regarding the Schedule may be
obtained from Navy Purchasing Officer,
210 California St., San Francisco):

Sch. 8743, western yards, bits, wood-
boring, bars, chisels, hooks, packing,
knives, scrapers and spatulas, April 17.

Sch. 8758, Mare Island, 101,650 lbs me-
dium steel angles, April 17.

Sch. 8759, western yards, reamers and
arbores, April 17.

Sch. 8770, western yards, liquid door
checks, April 17.

Sch. 8773, western yards, ash straight
oars, April 17.

Sch. 8774, western yards, brass grom-
mets, April 17.

Sch. 8779, western yards, cloth, emery,
crocus and flint and garnet paper, April
17.

Sch. 8780, western yards, 103 hand-op-
erated sewing machines, and 2 motor-
driven sewing machines, April 17.

Sch. 8786, Mare Island, 93 tons emulsi-
field asphalt road oil, April 17.

Sch. 8808, Mare Island and Puget
Sound, 16 gate valves and 8 seats, April
17.

DENVER, Colo.—Until April 12, bids
will be rec. by U. S. Bureau of Rec-
lamation, Denver, to fur. and del. one
semi-steel cylinder, 6.58-in. balanced val-
ves and 4 bronze seat rings, screws, etc.
Further information obtainable from
above.

FALLON, Nevada.—Until May 1, 3 P.
M., bids will be received by Supervising
Architect, Treasury Department, Wash-
ington, D. C., to erect U. S. Post Office
at Fallon, Nevada. Deposit of \$15 req.
for plans obtainable from above, checks
for same to be certified and payable to
Treasurer of the U. S. See call for bids
under official proposal section in this
issue.

PACIFIC COAST.—Major General Ed-
gar Jadwin, U. S. chief of engineers, an-
nounces \$1,500,000 is available for flood
control work, of which the following
amounts will be expended on the Pacific
Coast: First San Francisco district: Eel,
Mad and Klamath, \$28,500. Second San
Francisco district: Sacramento, San Joa-
quin and Kern, \$32,000. Portland dis-
trict: Columbia river, below mouth of
Snake river, Cowlitz, Lewis, Willamette,
John Day, Snake river and tributaries,
\$66,000. Seattle district: Columbia river
above mouth of Snake, Skagit, Snohom-
ish, Stillaguamish, Puyallup and Chehalis,
\$65,000.

CROWE GLASS CO.

675 Golden Gate Ave

Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

PALO ALTO, Santa Clara Co., Cal.—
Thos. Roberts, 2350 Spaulding Ave., Ber-
keley, at \$6425 awarded contract by Con-
struction Division, U. S. Veterans' Bu-
reau, to rebrick boilers at Veterans'
Hospital, Palo Alto.

BIDWELL, Cal. — President Coolidge
has signed two bills, each authorizing ap-
propriation of \$30,000 to erect hospital
and school for Indians on government
property at Fort Bidwell.

SAN FRANCISCO.—A \$47,000 approp-
riation to complete military roads at the
Presidio has been authorized by the
House, according to word received from
Washington. The measure now goes to
the Senate.

WASHINGTON, D. C.—(By Special
Wire)—Newport Contracting and Engi-
neering Co., Newport News, Va., at \$161,-
500 submitted low bid to Bureau of Yards
and Docks, Navy Department, under
Spec. 5569, to erect for seaplane hangar
at the naval air station, Coco Solo, C. Z.
The hangar will have concrete footings;
on piles, curb walls, structural steel
trusses and frames, steel sash, metal
covered swinging doors, steel doors slid-
ing on track, insulated steel roof deck
with built-up roofing galvanized steel
siding, roof ventilators, hanging and val-
ley gutters, galvanized steel pipe down-
spouts and leaders, concrete pavement,
floor and ramps and storm drains. Next
two low bidders were: Austin Engineer-
ing Co., \$169,775; Wm. Y. Eaves and Carl
G. Wopschall, 1524 La Brea St., Los An-
geles, Cal., \$195,103. Complete list of
bids will be published shortly.

HALLS AND SOCIETY BUILDINGS

SEBASTOPOL, Sonoma Co., Cal.—Ar-
chitect Wm. Herbert, Rosenberg Bldg.,
Santa Rosa, commissioned to prepare
plans for clubhouse to be erected by
Camp Fire Girls; will provide main club-
room, 20 by 30 feet, with stone fireplace,
cloakrooms and kitchen, etc. Funds to
finance are being raised.

SANTA CRUZ, Santa Cruz Co., Cal.—
Jerry Cooper of Duke Title Co., 12
Cooper St., Santa Cruz, is handling ar-
rangements for the development of a
golf course on the former Billings Estate
property which will include remodeling
the former Billings home for a club
house. The clubhouse alterations will
cost approximately \$15,000.

SACRAMENTO, Cal.—Directors of
the Sutter Club have called a special
meeting for April 9th to consider the
purchase of site at northwest corner of
Ninth and M Sts., extending to the
alley bet. L and M Sts., on which it is
proposed to erect Class A club build-
ing; will have frontage of 160 ft. in Ninth
St. L. C. Hunter is president of the
club.

WOODLAND, Yolo Co., Cal.—Women's
Club has rejected proposal to purchase
old Stephens property in Cross St. and
votes to erect a new building on a site
now under consideration. It is proposed
to erect the building on the "unit" plan.
Mrs. F. G. Cloud, 639 First St., Wood-
land, is a member of the building com-
mittee.

TURLOCK, Stanislaus Co., Cal.—Di-
rectors of I. O. O. F. Lodge are having
plans completed for proposed lodge and
store building on a site already purchased
in North Broadway and upon signing of
leases for stores on ground floor, will
ask bids for construction. The cost is
estimated at \$20,000. Directors of the
lodge are: A. P. Ferguson, president;
R. G. Thompson, vice-president; James
Roberts, secretary; J. W. Guy, treasurer;
W. E. Prothero, M. L. Dow and C. R.
Pearl.

Sub-Bids Being Taken.
FRATERNITY HOUSE Cost, \$50,000
BERKELEY, Alameda Co., Cal. Warr-
ing St. near Dwight Way.
Three-story and basement frame and
stucco fraternity house.
Owner—Delta Upsilon, 2335 Warring St.,
Berkeley.
Architect—Lester H. Hibbard, Marsh-
strong Bldg., Los Angeles.
Contractor—H. J. Christensen, 519 Ray
Bldg., Oakland.

PORTHAVILLE, Tenn. Co., Cal.—Monahan Golf & Country Club has \$2500 available to improve clubhouse and plant grass lawns, and install pumping plant for irrigation system.

Sub-Contracts Awarded.
CLUB BLDG.—Cont. price \$248,000
OAKLAND, Maricopa Co., Cal. Broad-way and Clifton st.

Two-story frame and stucco clubhouse, owner: Clifton Country Club (M. Watson, architect).

Architect—Geo. W. Kelham, 315 Mont-gomery st., S. F.

Engineer—H. J. Brunner, Sharon Bldg., S. F.

Contractor—Taylor & Jackson, 220 Te-hama st., S. F.

Elevators—Ous Elevator Co., 1 Beach st., S. F.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., S. F.

Slate Roofing—General Roofing Co., Beach & Halleck sts., Oakland.

Electric Wiring—Langlais Electrical Con-co., 472 Tehama st., S. F.

Interior Tile—Superior Tile & Products Co., 2725 Shattuck ave., Oakland.

Steel Sash—P. S. Metal Products Co., 351 Hobart st., Oakland.

Sheet Metal Forderer—Cernice Works, 269 Potrero ave., S. F.

Plumbing and Heating—George A. Schuster, 2181 and Grove sts., Oakland.

Glass—W. P. Fuller & Co., 301 Mission st.

Commissioned To Prepare Plans.
CLUB BLDG.—Cost, \$300,000
BAKERSFIELD, Kern Co., Cal. 18th and L Streets.

Three-story and basement fireproof lodge and club building and stores with roof garden (site 132 by 115 feet).
Owner—Fraternal Order of Eagles, Bakersfield Aerie No. 93, Bakersfield.

Architect—Symmes & Cullimore, Olean-der Bldg., Bakersfield.

Stores on ground floor; second and third floors to contain club rooms, auditorium, lodge rooms, banquet and dance halls, gymnasium. M. T. Christensen is secretary of the Bakersfield Aerie.

Roofing Contract Awarded
CLUB BLDG.—Cost, \$83,000
SAN FRANCISCO, W. Baker Street, S. Fulton Street.

Four-story steel frame and concrete class C home and club bldg.

Owner—Native Daughters of the Golden West.

Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.

Contractor—Barrett & Hilp, 918 Harrison st., S. F.

Roofing—Alta Roofing, 225 Gough st.

LOS ANGELES, Cal.—Architects Weston & Weston, 1610 Cosmo St., commissioned to prepare plans for clubhouse on Highland Ave. near Camrose Ave. for Hollywood Post No. 49, American Legion; Class A; \$200,000.

Foundation Work Being Completed.
CLUB BUILDING.—Cont. price \$88,679
SAN FRANCISCO, Broderick and Baker Sts., 200x300 ft.

Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).

Architect—Willis Polk Co., 277 Pine St., San Francisco.

Contractor—Stephenson Construction Co., Hearst Bldg., S. F.

Sub-bids will be taken in a week.

As previously reported, painting—The Neal Co., 417 Ivy St., S. F.

HOSPITALS

Working Drawings Being Prepared
INFANT SHELTER.—Cost, \$125,000
SAN FRANCISCO, Ortega Street and Nineteenth Avenue.

Two-story frame and stucco infant shelter building.

Owner—S. F. Infant Shelter (Mrs. Randolph V. Whiting, chairman).

Architect—Louis C. Mullgardt, 611 Post st., San Francisco.

Plans for construction are progressing but it is still indefinite just when bid- ding will be called for.

The drawings for above are at the Public Hall.

SAN DIEGO, Cal.—T. M. Russell, 1611 Myrtle St., San Diego, has contract to erect 3-story and base, Class A hospital at Seventh and G Sts. for Drs. Harry M. and Arthur Wegeforth, 100x100 ft., steel and brick construction; \$100,000. Louis J. Gill, architect.

TUCSON, Ariz.—Architect Roy Place commissioned to prepare plans for research unit to be erected for Desert Sanatorium; cost, \$175,000; fire-proof construction and will contain 40 rooms. Herbert Brown, Tucson, awarded contract to erect physical therapy building, which will include a heated pool and treatment rooms.

NAPA, Napa Co., Cal.—As previously reported, bids will be received by State Department of Public Works, Division of Architecture, May 12 p. m., to erect frame and stucco Assistant Physician's cottage and quarters at Napa State Hospital for day attendants; est. cost \$8,000. Geo. B. McDougall, state architect. Quarters for day attendants will be two story with reinforced concrete walls, wood floors and shingle roof. Assistant Physician's quarters will be one story frame with reinforced concrete foundation, plastered exterior and shingle roof. Plumbing, heating and electrical work is included in the general contract. See call for bids under official proposal section in this issue.

GRIDLEY, Butte Co., Cal.—Gridley Community Club has appointed committee of three to investigate erection of modern community hospital. Committee consists of J. E. Frazier, Dr. L. Frueden-thal and W. E. Randolph.

CARSON CITY, Nevada.—Until April 14, 2 p. m., bids will be received by A. A. Armstrong, secy., Board of Commissioners for care of Indigent Insane, to fur. and del. furnishings for new ward building at Nevada Hospital for Mental Diseases. Cert. check 10 per cent req. with bid. Spec. obtainable from secy. See call for bids under official proposal section in this issue.

ORANGE, Cal.—Sisters of St. Joseph, 380 S. Batavia St., Orange, having plans prepared for Class A hospital and a nurses' home, building on a 10-acre site on North Main St. Hospital will be 4-story and basement and will contain 100 beds. Home will be 4 stories with accommodations for 40 student nurses besides the regular staff nurses. Both buildings will be of reinforced concrete construction with stucco and concrete facing; cost, \$350,000.

SALINAS, Monterey Co., Cal.—Architects Reed and Corlett, Oakland Bank of Savings Bldg., Oakland, have submitted plans to county supervisors for proposed tubercular hospital. Estimated cost \$26,000. Consideration of the plans will be given at the April 17 meeting of the county board.

DELANO, Kern Co., Cal.—Mrs. J. W. West, formerly of the San Joaquin Hospital at Bakersfield, has leased quarters on the State Highway and will remodel the structure for a 6-room hospital. New equipment and furniture will be purchased.

REDLANDS, Cal.—Paul DeHuff, 267 S. Harcourt Ave., L. A., low bidder at \$1,001 on general contract to erect hospital for the Redlands Community Hospital Association. Myron Hunt, 1107 Hibernia Bldg., L. A., is the architect. The bids were in excess of amount appropriated and trustees considering alternate bids to reduce cost. Low bidders on other contracts were: W. P. McArthur, 1, Hellman Bldg., L. A., heating and vent- ilating, \$19,443; F. C. Schilling, 2214 11co St., L. A., plumbing, \$14,646; R. Bauer, 1110 Orange St., Redlands, pl- umbing, \$9,000; E. Drawbaugh, Pasade- painting, \$6,850; H. H. Wamer, 1320 S. Ice Blvd., L. A., electrical work, \$56 French & Meloey, 517 N. Western Av- L. A., tile roofing, \$5785; E. M. Cope, 19 E. Citrus Ave., Redlands, finish ha- ware, \$2913; Sunset Tile Co., Redlan- tile and marble work, \$2120; Kime- Avey, Redlands, sheet metal work, \$12 Hollow concrete wall construction w- exterior and clay tile roof.

SAWTELLE, Cal.—Koerner & Gay, 468 N. Camden Dr., Beverly Hills, pre- paring plans for a Class A dormito- and mess hall building to be erected the Soldiers' Home at Sawtelle; t- main building will be one-story and w- contain the kitchen, complete bake- storage rooms, etc., and there will be two wings 2 stories each to contain di- ning rooms and pantries on first floor and dormitory space on the second; r- inforced concrete construction; co- \$200,000.

SEATTLE, Wash.—Chrisman & Sn- der, Railway Exchange Bldg., Seatt- at approx. \$165,000 awarded contract to erect 3-story and basement and su- basement fireproof addition to nor- pavilion of Virginia Mason Hospital; by 122 ft., face brick and terra cot- trimmings. John Graham, architect- Dexter Horton Bldg., Seattle.

EUREKA, Humboldt Co., Cal.—Count- Hospital Committee will confer with Dr. R. G. Broderick, hospital exper- with a view to securing his opinion a- to the type of hospital suitable for Hum- boldt County. The proposal to commis- sion Architects Reed & Corlett of Oak- land to prepare plans for the propose- structure, as was recommended by sub-committee, will not be considere- until a report is obtained from Dr. Broderick. Plans for the building were originally prepared by Architect F. J. Georgeson of Eureka. Bids were taken for construction and the contract awarded but due to public protests the awards were rescinded and the projec- has been in an indefinite stage up t- the present time.

HOTELS

Plans Being Prepared.
HOTEL.—Cost, \$300,000
SANTA CRUZ, Santa Cruz Co., Ca- Pacific Avenue.

Six-story and basement Class B hotel building.

Owner—Santa Cruz Hotel Corporation (Andrew Balich, W. H. Weeks, F. Weeks and W. Kingsbury).

Architect—W. H. Weeks, Hunter-Du- Bldg., San Francisco; 1736 Frankli- St., Oakland, and 246 S-First St. San Jose.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hemlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Plans Being Revised.
TEL Cost, \$150,000
CLAND, Alameda Co., Cal. Location withheld.
 One-story Class C hotel and store building, (90 rooms and 4 stores).
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.
 Previously reported for an apartment building.

Preparing Working Drawings.
TEL Cost, \$125,000
CLAND, Alameda Co., Cal. Location withheld.
 One-story Class C brick hotel building (100 rooms).
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Being Revised.
TEL Cost, \$250,000
CLAND, Alameda Co., Cal. Madison Street.
 Seven-story Class C store and hotel building, 190 rooms, 11 stores.
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.
 Previously reported for an apartment house.

Plans Being Prepared.
TEL Cost, \$130,000
CLAND, Alameda Co., Cal. Near Lake Merritt.
 Four-story Class C brick hotel building (75 rooms, 85% baths).
Owner—Withheld.
Architect—W. H. Weeks, Hunter-Duini Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.

LOS ANGELES, Cal.—Architects Edward Cary Taylor and Ellis Wing Taylor, 810 W. 6th St., taking bids for four-story and basement Class C apartment-hotel, 50x120 feet, to be erected at Third & Flower Sts. for Taylor Holding & Investment Co.; steel frame; brick construction; cost \$130,000.

Sub-Bids Being Taken
OTEL First unit, \$100,000 (ultimate cost, \$500,000).
ALINAS, Monterey Co., Cal.
 Six-story steel frame fireproof hotel.
Owner—William Jeffery, Jeffery Hotel, Salinas.
Architect—Kump & Johnson, Rowell Bldg, Fresno.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

POWER PLANTS

TRUCKEE, Nevada Co., Cal.—NePage & Kenny Co., 589 Howard st., San Francisco, at \$9372 sub. low bid to Truckee Public Utility Dist. to install electric distributing system. Other bids, all taken under advisement, were: Matourette-Fical Co., Sacramento, \$10,000; Matt Green, Tahoe City, \$10,250 including underground work. Contract for meters awarded to Sangamo Electric Co., Springfield, Ill., represented by L. A. Nott. San Francisco. Transformers awarded to General Electric Co., represented by O. B. Lindstrom, San Francisco.

LOS ANGELES, Cal.—Until 3 p. m. April 20, bids will be rec. by water and power comm. to fur. 35,000-volt cables under Spec. P-518. James P. Vroman, secretary.

LOS ANGELES, Cal.—U. S. Steel Products Co. submitted low bid to water and power comm. to fur. lead covered cable under Spec. P-509, involving (1) \$5,029.35 and (2) \$9961.63.

SANTA CRUZ, Santa Cruz Co., Cal.—City defeats proposal to issue bonds of \$25,000 to finance const. of hydro-electric plant in San Lorenzo Valley, 1753 in favor of issue and 2336 against.

Subs In—Under Advisement.
SUB-STATION Cost, \$12,000
WATSONVILLE, Santa Cruz Co., Cal.
 One-story reinforced concrete sub-station, 70x32 feet.
Owner—Coast Co. Gas & Electric Co., Russ Bldg., San Francisco.
Architect—Roller-West Co., 1st National Bank Bldg., San Francisco.

LOS ANGELES, Cal.—Until April 10, 3 P. M., bids will be rec. by City Water and Power Commission, to fur. 8 only 600-ampere 110,000 volt, 3-pole single throw, indoor and outdoor bushings, automatic remote controlled oil circuits for use in the department's San Francisco Power plant No. 2, on their 110,000 volt neutral solidly grounded transmission system. Cert. check or bond 10%. Spec. obtainable from above office.

LOMPOC, Cal.—Until 7:30 P. M., April 17, bids will be rec. by city to fur.: 45 8-in. top 40 ft. 3/4-in. Pentrex treated W. R. C. poles; 55 7-in. top 35 ft. 3/4-in. Pentrex treated W. R. C. poles; poles to comply with W. R. C. A. specifications. Prices to be f. o. b. Lompoc. George Saunders, city clerk.

PLACERVILLE, El Dorado Co., Cal.—Pacific States Telephone & Telegraph Co. will expend \$10,000 in reconstr. of lines and the const. of new lines. Ralph C. Sarver, Placerville manager.

PUBLIC BUILDINGS

SAN FRANCISCO—Board of Supervisors cancels lease of quarters occupied by city and county offices in structure at 333 Kearny street and contemplates erection of a new building to house police department and criminal courts in the Civic Center, in addition to providing quarters located in the Kearny street structure.

RIVERSIDE, Cal.—Architect G. Stanley Wilson, Riverside, preparing plans for jail and police dept., building to be erected for Riverside County at Riverside; will be 3-story and basement Class A, 54x134 feet. Cost, \$155,000.

Plans Being Figured—Bids Close April 23rd.
MEMORIAL BLDG. Cost, \$63,000
CRESCENT CITY, Del Norte Co., Cal.
 Two-story reinforced concrete veterans' memorial building.
Owner—Crescent City.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

RICHMOND, Contra Costa Co., Cal.—Carl Overaa, 23rd and Wilcox Sts., Richmond, at \$4,442 awarded contract by city to remodel and repair Firehouse No. 2 in Fifth street. Other bids: Tandy and Theis, \$4,468; C. W. Washabaugh, \$5,609.50; Carl Lind, \$8,187.

SACRAMENTO, Sac. Co., Calif.—The following bids were received by State Department of Public Works, for painting and decorating work in the new State building: Heinsbergen Decorating Co., 3342 W. 10th St., Los Angeles, \$3,000; R. M. Michel, San Mateo, \$7,500; E. Petersen, Los Angeles, \$14,700.

SAN FRANCISCO—Building committee of Board of Supervisors will appropriate \$1800 to finance repairs to copper dome on city hall.

DIXON, Solano Co., Cal.—Dixon Fire Department will finance construction of concrete firehouse with 40-ft. frontage adjoining United Church.

STOCKTON, San Joaquin Co., Cal.—Until April 30, 11 a. m. (previously reported April 25), bids will be received by Eugene D. Graham, county clerk, to erect one story reinforced concrete branch jail at Lockeford; estimated cost \$5,000. Ralph Morrell, architect, Union Bldg., Stockton. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans obtainable from county clerk on deposit of \$10, returnable.

RESIDENCES

Sub-Bids Being Taken.
ADDITION Cost, \$15,000
SAN FRANCISCO, No. 660 California St.
 One-story reinforced concrete addition to present home.
Owner—Paulist Fathers.
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Completing Plans
RESIDENCE Cost \$25,000
BERKELEY, Alameda Co., Claremont Court.
 Two-story frame and stucco residence (10-rooms).
Owner—Mrs. W. R. L. Campbell, 2815 Claremont Court, Berkeley.
Architect—Benjamin McDougall, 353 Sacramento St., S. F.
 Bids will be taken for a general contract next week.

Contract Awarded
RESIDENCE Cost, \$7,500
BERKELEY, Alameda Co., Cal. Thousand Oaks.
 Two-story 6-room frame and stucco residence (English type).
Owner—R. N. Conant.
Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., S. F.
Contractor—Ben Pearson, 2403 Grant St., Berkeley.

Permit Applied For.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. No. 665 San Luis Road.
 Two-story eight-room frame and stucco residence.
Owner and Builder—R. K. Smith, 1139 Euclid Ave., Berkeley.
Plans by Owner.

Plans Being Completed.
RESIDENCE Cost, \$35,000
SAN MATEO, San Mateo Co., Cal. Baywood.
 Two-story and basement frame and stucco residence (11 rooms, 4 baths, 3-car garage with chauffeur's quarters).
Owner—Withheld.
Architect—Grimes & Scott, 217 Balovich Bldg., San Mateo.
 Bids will be taken April 4th.

Plans Being Figured—Bids Close April 3
RESIDENCE Cost, \$25,000
SAN FRANCISCO, Lyon St. N Pacific Avenue.
 Two-story and basement frame and stucco residence with terra cotta tile roof.
Owner—L. Weidenmueller, 344 Kearny St., San Francisco.
Architect—Powers & Ahnden, 605 Market St., San Francisco.

Low Bidder
RESIDENCE Cont. price \$19,800
MENLO PARK, San Mateo Co., Cal.
 Two-story frame and stucco residence, 10 rooms and 3 baths.
Owner—Mr. Hyman.
Architect—Birge M. Clark, 310 University ave., Palo Alto.
Low Bidder—Osborne & Knight, Palo Alto and Mt. View.

Plans Being Revised
RESIDENCE Cost \$30,000
WOODSIDE, San Mateo Co.
 Two-story frame and stucco country home, 14 rooms.
Owner—E. R. Dimond.
Architect—Miller & Pflueger, 580 Market st., S. F.

Owner Taking Bids
RESIDENCE Cost \$25,000
BERKELEY, Alameda Co., Cal. Vicente ave.
 Three-story frame and stucco residence 12 rooms and 4 baths.
Owner—J. A. Creed.
Architect—Edward L. Snyder, 2108 Addison st., Berkeley.
 Plans will be ready for bids in one week.

To Be Done By Day's Work.
RESIDENCE Cost, \$40,000
SAN FRANCISCO, SE Washington and Spruce Streets.
 Two-story frame and brick veneer residence (English type; 12 rooms and 5 baths).
Owner—Leland Rosener, 233 Sansome St. San Francisco.
Architect—Allert Farr and F. Ward, 68 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$8500
MT. DIABLO, Contra Costa Co., Cal.
 Two-story frame and stucco residence (9 rooms and 2 baths; Spanish type).
Owner—Dr. Fearn, 384 Bellevue Ave., Oakland.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.

Contract Awarded
RESIDENCE Cost \$14,750
OAKLAND, Alameda Co., W. Sunnyside
1418 S. Van Sicken Place
Two-story frame and stucco residence
(11 rooms).
Owner—W. S. Duarte, San Leandro.
Architect—Williams & Wastell, 374 17th
St., Oakland.
Contractor—F. A. Kurtz, 354 41st St.,
Oakland.

Contract Awarded
RESIDENCE Cost, \$19,800
MENLO PARK, San Mateo Co., Cal.
Two-story frame and stucco residence,
10 rooms and 3 baths.
Owner—Mr. Hyman.
Architect—Birge M. Clark, 310 Univers-
ity ave., Palo Alto.
Contractor—Osborne & Knight, Palo Al-
to and Mt. View.

Plans Being Prepared
RESIDENCE Cost, ———
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco residence (7
rooms; English type).
Owner—Willard Classen.
Architect—Gottschalk & Rist, Phelan
Bldg., San Francisco.
Plans will be ready for bids in two
weeks.

Completing Plans
RESIDENCE Cost, \$40,000
ATHERTON, San Mateo Co., Cal.
Two-story frame and stucco residence,
15 rooms; Spanish type).
Owner—Leslie M. Moore.
Architect—Gottschalk & Rist, Phelan
Bldg., San Francisco.
Bids will be taken on a general con-
tract in one week.

Contractor Taking Sub-figures
RESIDENCE Cost, \$10,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence,
with tile roof (7-rooms).
Owner—Bernard Ford.
Architect—Willis Polk Co., 277 Pine St.,
San Francisco.
Contractor—C. H. Bessett, 826 Walnut
Ave., Burlingame.
Work has been started.

Plans Being Prepared
RESIDENCE Cost, \$25,000
WOODSIDE, San Mateo Co., Cal.
Two-story frame and stucco residence
(9-rooms).
Owner—Mr. Smith.
Architect—Willis Polk Co., 277 Pine St.,
San Francisco.
Bids will be taken in three weeks.

Permit Applied For.
RESIDENCE Cost, \$15,000
SAN FRANCISCO. E Sotelo Ave. N
Lopez St.
Two-story and basement frame and
stucco residence.
Owner—Willbur M. McKay.
Architect—W. H. Crim Jr., 425 Kearny
St., San Francisco.

Contracts Awarded
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal., Ham-
pton Road.
Two-story frame and stucco residence,
10 rooms, 2 baths, French style.
Owner—Grace P. Henshaw.
Architect—Sidney B. Noble and Archie
T. Newsom, Federal Realty Bldg.,
Oakland.
Contractor—George Maurer, 50 York Dr.,
Oakland, \$14,982.
Plumbing—G. Henzel, \$1,926.
Painting—R. Garshol, 2028 E 29th St.,
Oakland, \$2,275.
Ornamental Iron—Liberty Ornamental
Iron & Wire Works, 21st and Filbert
Sts., Oakland, \$210.
Tile Work—Rigney Tile Co., 2012 Har-
rison St., Oakland, \$555.
Sheet Metal—Thomas Grady, 301 Alta
Vista, Oakland, \$539.
Oil Burner—Rotary Oil Burner Co., 4575
Horton St., Oakland, \$510.
Hardware—Maxwell Hardware Co., 1320
Washington St., Oakland, \$408.

Plans Being Prepared—Contract Awarded
RESIDENCE Cost, \$35,000
SAN FRANCISCO, Sea Cliff District.
Two-story 14-room frame and stucco
residence (Spanish type).
Owner—Alan McDonald, Financial Cen-
ter Bldg., San Francisco.
Architect—Clarence Tantan, Shreve
Bldg., San Francisco.
Contractor—Macdonald & Kahn, Finan-
cial Center Bldg., San Francisco.

Contract To Be Awarded.
RESIDENCE. Cont. price \$17,970
STOCKTON, San Joaquin Co., Cal., Persh-
ing Ave. and Vine St.
Two-story and basement brick veneer
residence with tile roof, 8 rooms and
garage.
Owner—Guido Sattui, 644 N Ophir St.,
Stockton
Architect—Ralph Morrell, Union Bldg.,
Stockton
Contractor—W. H. Johnson, Stockton,
\$17,970.

Other bidders were: J. Cavanaugh
Stockton, \$18,625; B. T. Parsons, Stock-
ton, \$18,885; Dave Day, Stockton, \$18,-
988; J. A. Allen, Stockton, \$18,994;

John Hackman, Stockton, \$19,490; J.
Saccione, Stockton, \$19,680; George
Schroeder, Stockton, \$19,800; H. I.
Henning, Stockton, \$19,920; Heath
Wendt, Berkeley, \$21,170.

Plans Being Figured—Bids Close Apr
14th, 2 P. M.
RESIDENCE Cost, \$20,000
SAN FRANCISCO. NE Pacific Ave. and
Lyon Street.
Two-story nine-room frame and stucco
residence.

Owner—George Boardman.
Architect—Frederick H. Reimers, 162
Franklin St., Oakland.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



SUNDAY, APRIL 8th is Easter.
AND MANY California cities.
LIKE SAN Francisco.
WILL HAVE sunrise services.
AT 5:44 A. M. (sunrise).
ON MT. Davidson, San Francisco.
SANDY PRATT, President.
OF THE Pratt Building Material Co.
PRODUCER OF crushed rock.
CLEAN SAND and washed gravel.
WILL SERVE as Chairman.
OF THE committee on arrangements.
TO HELP the 25,000 worshipers.
WITH THEIR sunrise devotion.
WHILE SANDY Pratt, "Mayor."
OF BEAUTIFUL Westwood Park.
AND MONTEREY Heights.
IS ON Mt. Davidson.
THE GOOD people of Placerville.
WILL WORSHIP.
ON SACRAMENTO Hill.
NEAR THEIR wonderful city.
DO YOU know.
THAT ARMOUR sold bacon.
AND STUDEBAKER made wheelbarrows.
AT PLACERVILLE.
IN THE pioneer days.
ACBURN WILL worship.
AT AEOLIA Heights.
ABOVE THEIR pretty city.
OVERLOOKING THE American River.
THAT PRODUCES sharp sand.
FOR SANDY Pratt's Company.
THE FOLKS in Marysville.
HOME OF Sandy's Marysville sand.
OUT OF the Yuba River.
WILL GO to Sutter County.
TO THE "Marysville Buttes."
AND AT sunrise.

ATTEND CHURCH services.
CHICO WILL also assemble.
ITS GOOD citizens.
ON EASTER morning.
SO WILL many other cities.
AND AT the sunrise services.
ON MT. Davidson last year.
TWENTY-FIVE PER cent of the people
THAT CLIMBED the mountain.
WERE NON-CHURCHGOING people.
SO THESE services.
SHOULD BE encouraged.
AND THIS is the reason.
SANDY TAKES an active part.
IN SAN FRANCISCO's sunrise service.
"I THANK you."



This photo taken before sunrise at the 1924 Easter Services on the top of Mt. Davidson, San Francisco, shows the cross that Sandy Pratt, producer of clean, sharp sand, hard, crushed rock and washed gravel, assisted in erecting. The cross is 76 feet high and the arms are 26 feet across, and over 300 electric lights are used to light the cross. This cross when lighted has been seen at sea, over twenty miles from the shore line.

Plans Being Figured.
ALTERATIONS Cost, \$7000
OAKLAND, Alameda Co., Cal. St. James
Wood.
Alterations and additions to residence.
Owner—P. F. Cadman, 2414 Telegraph
Ave., Oakland.
Architect—Sidney B. Noble and Archie
T. Newsum, Federal Realty Bldg.,
Oakland.

Contracts Awarded.
RESIDENCE Cost, \$16,000
EDMONT, Alameda Co., Cal. Requa
Highlands.
Two-story frame and stucco residence
(9 rooms and 3 baths).
Owner—Frank Stears.
Architect—Sidney B. Noble and Archie
T. Newsum, Federal Realty Bldg.,
Oakland.
Contractor—Otto Mailenen, 1430 Allston
Way, Berkeley.
Lumbering—Carl T. Doell, 467 21st St.,
Oakland.

Plans Being Figured By Day's Work.
RESIDENCE Cost, \$5000
AIRFAX, Marin Co., Cal.
Two-story rustic residence.
Owner—Ernest Mehr, 2853 Vallejo St.,
San Francisco.
Architect—B. Cooper Corbett, 1720 Paci-
fic Ave., San Francisco.

Plans Being Figured—Bids Close April
14th, 2 P. M.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Indian
Road.
Two-story frame and stucco residence
(6 rooms and 3 baths).
Owner—Ray Wilson.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$8500
PIEDMONT, Alameda Co., Cal. Indian
Road.
Two-story frame and stucco residence
(7 rooms and 2 baths; English type).
Owner—Granville Abbott.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.

Sub-Bids Being Taken
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. Spruce
and Main sts.
Two-story 9-room frame and stucco resi-
dence.
Owner and Builder—B. Pearson, 1808
Channing Way, Berkeley.
Architect—B. Reede Hardman, Berkeley
Bank Bldg., Berkeley.

Owner Taking Bids
RESIDENCE Cost, \$7000
BERKELEY, Alameda Co., Cal. Shat-
tuck ave. near Berryman Park.
Two-story frame and stucco residence.
Owner—Samuel V. Hughes, 1809 Bonita
st., Oakland.
Architect—B. Reede Hardman, Berkeley
Bank Bldg., Berkeley.

Completing Plans
RESIDENCE Cost \$18,000
SAN FRANCISCO, N Clay Street, bet.
Maple and Spruce Sts.
Two-story and basement frame and
stucco residence, (8 rooms).
Owner—H. G. Friend.
Architect—C. A. Meusdorffer, 802 Hum-
boldt Bank Bldg.
The plans will be ready for bids in a
few days.

Preparing Working Drawings
SORORITY HOUSE Cost, \$35,000
BERKELEY, Alameda Co., Cal. North
of Campus.
Three-story frame and stucco sorority
house.

Owner—Withheld.
Architect—B. Reede Hardman and Jas.
McCreery, Berkeley Bank Bldg.,
Berkeley.
Plans will be ready for bids in three
weeks.

Owner Taking Bids
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Vicente
avenue.
Three-story frame and stucco residence
(12 rooms and 4 baths).
Owner—J. A. Greed.
Architect—Edward L. Snyder, 2108 Addi-
son st., Berkeley.

Sub-Bids Being Taken.
YOSEMITE VALLEY, Mariposa Co., Cal.
Ahwahnee Hotel.
Group of 25 one-story rustic cottages (2
and 3 rooms each).
Owner—Yosemite Curry Company.
Architect—Theodore Spencer, 105 Tun-
nell Road, Berkeley.
Contractor—John Monk, Premises.

Contract Awarded
COUNTRY HOME Cost, \$8000
PEBBLE BEACH, Monterey Co., Cal.
One-story frame and stucco country
home.
Owner—Robert E. Thurston.
Architect—Miller and Warnecke, 1404
Franklin St., Oakland.
Contractor—J. B. Petersen, 4021 Agua
Vista Ave., Oakland.

Contract Awarded
RESIDENCE Cost, \$8000
OAKLAND, Alameda County, Cal. Park
Blvd.
Two-story frame and stucco residence (2
4-room dwellings).
Owner—Miss Jacobsen.
Architect—Slocumbe & Tuttle, 137 17th
St., Oakland.
Contractor—George Windsor, 928 Kings-
ton Ave., Oakland.

Plans Ready For Bids In Three Weeks.
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story 20-room frame and stucco
residence.
Owner—Tuller Brawner, 301 Mission St.,
San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.

SCHOOLS

Completing Revised Plans.
ADDITION
DUNSMUIR, Siskiyou Co., Cal.
One-story frame and stucco addition to
present school (5 classrooms).
Owner—Dunsmuir Union High School
District.
Architect—Starks & Flanders, Ochsner
Bldg., Sacramento.
Plans will be ready for bids in two
weeks.

Preliminary Plans Awaiting Approval.
SCHOOL Cost, \$40,000
OAKLAND, Alameda Co., Cal. Lazear
School.
One-story brick school building (4 class-
rooms).
Owner—City
Architect—Hutchison & Mills, Robert
Howden Bldg., 337 17th St., Oakland

Plans Being Prepared
SCHOOL Cost \$251,000
WATSONVILLE, Santa Cruz Co.
Two 1-story concrete school buildings
and 1-story frame and stucco school
bldg.

Owner—Watsonville School Dist.
Architect—W. H. Weeks, Hunter-Dulin
Bldg., S. E.; 1736 Franklin st., Oak-
land; 246 S-1st st., San Jose.
Plans will be ready for bids in three
weeks.

Commissioned To Prepare Plans.
SCHOOLS Cost, \$500,000
PIEDMONT, Alameda Co., Cal.
Three one-story reinforced concrete
school buildings.
Owner—Piedmont Board of Education.
Architect—W. H. Weeks, Hunter-Dulin
Bldg., San Francisco; 1736 Franklin
St., Oakland, and 246 S-First St.,
San Jose.
Bond election to be held May 7th.

Preliminary Plans Complete
AWAITING APPROVAL
HIGH SCHOOL Cost \$400,000
SAN FRANCISCO, Stanyan Street, near
Turk.
Three-story Class "C" high school and
gymnasium bldg.
Owner—St. Ignatius College.
Architect—Edward Eames, 353 Sacra-
mento St.
Contractor—Barrett & Hilp, 318 Harri-
son St.

OAKLAND, Alameda Co., Calif.—The
following contracts were awarded by
John W. Edgemon, Secty., Board of Ed-
ucation, to erect Oakland High School
Gymnasium, reinforced concrete con-
struction:

General Work
John E. Branagh, 184 Perry St., Oak-
land, \$108,400.

Hardware
Maxwell Hardware Co., 1320 Washington
St., Oakland, \$3,900.

STOCKTON, San Joaquin Co., Calif.—
The following sub-contracts were award-
ed by Kroh & McPhee, 1140 Market St.,
Stockton, in connection with the con-
struction of a three-story school build-
ing, to be erected in Stockton. Plans
were prepared by Architect Peter Sala,
2130 N. Commerce Street, Stockton.
Excavating—Gannon & McCarty, 1307 S.
Aurora St., Stockton.

Concrete Masonry—J. A. Silver, 1229 N.
El Dorado St., Stockton.

Brick—John Pengabry, Stockton.

Lumber—Central Lumber Co., 1020 E.
Channell St., Stockton.

Mill Work—Electric Planing Mill, Hazel-
ton & Monroe Sts., Stockton.

Plastering & Stucco—E. L. Fetters, 1088
N. Wilson Way, Stockton.

Plumbing & Sheet Metal—Brandt Bros.,
318 E. Lafayette St., Stockton.

Electric Work—Hild Electric Mfg. Co.,
125 S. San Joaquin St., Stockton.

Tile Roofing—R. E. Fraser Co., 445 S.
San Joaquin St., Stockton.

Composition Roofing—H. K. Tackabury,
425 N. California St., Stockton.

Reinforcing Steel—F. A. Klinger, Horace
Ave., Stockton.

Painting—D. E. Burgess, 602 S. Center
St., Stockton.

SAN FRANCISCO—Until April 18, 3
P. M., bids will be received by Board of
Public Works to fur. and install window
and door shades in Portola Jr. High
School, located in block bounded by
Goettingen, Bacon, Burrows and Gerard
Sts. Est. cost \$1000. Specifications ob-
tainable from Bureau of Architecture,
2nd Floor, City Hall.

TOMALES, Marin Co., Cal.—Steps will
be taken shortly to vote bonds to finance
erection of new grammar school. It is
proposed to combine the grammar schools
and erect a large structure to accommo-
date the district.

ELVERTA, Sac. Co., Cal.—County sells
\$8,000 bond issue of Lincoln School Dist.
to be applied to \$10,000 already available
to finance erection of new school build-
ing plans for which are being completed
by Frederick S. Harrison, architect, Peo-
ples Bank Bldg., Sacramento. Will be
one story frame, stucco and brick veneer
construction.

Preliminary Plans Completed.
GYMNASIUM Cost, \$50,000
MODESTO, Stanislaus Co., Cal. Junior
College.

One-story brick gymnasium building.
Owner—Modesto City School District.
Architect—Davis-Pearce Co., 47 N-Grant
St., Stockton.

Plans to be approved April 9th.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

General Construction
 Bids received by Board
 of Education, Berkeley, Cal.
 Plans by J. H. Martin, Architect.
 Plans by J. H. Martin, Architect.

General Construction	
1. 1st and 2nd Sts.	\$68,000
2. 3rd and 4th Sts.	69,441
3. 5th and 6th Sts.	72,860
4. 7th and 8th Sts.	73,600
5. 9th and 10th Sts.	71,874
6. 11th and 12th Sts.	71,434
7. 13th and 14th Sts.	71,434

Painting	
1. 1st and 2nd Sts.	\$ 3,086
2. 3rd and 4th Sts.	3,470
3. 5th and 6th Sts.	3,185
4. 7th and 8th Sts.	1,290
5. 9th and 10th Sts.	5,134
6. 11th and 12th Sts.	5,094

Electric Work	
1. 1st and 2nd Sts.	\$ 8,950
2. 3rd and 4th Sts.	9,167
3. 5th and 6th Sts.	9,196
4. 7th and 8th Sts.	9,276

Mechanical Equipment	
1. 1st and 2nd Sts.	\$ 8,283
2. 3rd and 4th Sts.	9,625
3. 5th and 6th Sts.	9,890
4. 7th and 8th Sts.	9,895
5. 9th and 10th Sts.	9,954
6. 11th and 12th Sts.	10,097

Finish Carpentry	
1. 1st and 2nd Sts.	\$ 8,800
2. 3rd and 4th Sts.	10,289
3. 5th and 6th Sts.	10,130
4. 7th and 8th Sts.	10,548
5. 9th and 10th Sts.	11,200
6. 11th and 12th Sts.	11,400
7. 13th and 14th Sts.	11,718
8. 15th and 16th Sts.	15,742

Plumbing	
1. 1st and 2nd Sts.	\$ 5,270
2. 3rd and 4th Sts.	5,590
3. 5th and 6th Sts.	5,787
4. 7th and 8th Sts.	5,850
5. 9th and 10th Sts.	6,100
6. 11th and 12th Sts.	6,336

Plans Complete
 AUDUBON, Cal., Garfield School.
 Two-story wing addition for school.
 Owner—Berkeley Board of Education.
 Architect—J. S. W. Plachek, Mercantile Bank Bldg., Berkeley.

Will contain cafeteria seating approx. 100 pupils and 8 classrooms; will be two-story with foundations capable of carrying one additional story.

Bids to be advertised within a few days.

Preliminary Plans Completed.
 GYMNASIUM, Cost, \$50,000
 Modesto, Stanislaus Co., Cal. High School.
 One-story brick gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 17 N-Grant St., Stockton.

Preliminary plans to be approved April 9th.

BEAUMONT, Los Angeles Co., Cal.—Until 1 P. M., April 13, bids will be received by Beaumont High School District to fur and install steel lockers and venetian blinds in high school. Bids will be received separately on each item. Plans obtainable from architects T. C. Kistner & Co., Architects' Bldg., Los Angeles.

STOCKTON, San Joaquin Co., Cal.—Koch & McPhee, 1140 Market St., Stockton at \$10,000, submitted low bid and were awarded the contract for construction of a three-story school building. Plans were prepared by Architect Peter Sals, 213 N Commerce St., Stockton. Other bidders were:
 John Hackman, Stockton \$10,313
 Alfred Lee, Stockton 40,750
 Jas. Fredrickson, Stockton 40,795
 H. T. Valero, Stockton 43,418

FRESNO, Fresno Co., Cal.—Until April 12, 5 p. m., bids will be received by L. L. Smith, secy., Board of Education, to fur and install electric light fixtures in Co. L. A. Welch Elementary school and the Theodore Roosevelt High school. Plans by E. J. Ferry, building dept., Fresno Board of Education. Bidder's surety bond a cert check 10 per cent recd with bid. Plans obtainable from secy. See call for bids under official proposal section in this issue.

Ready For Bids In Two Weeks.
 SCHOOL, Cost, \$18,000
 ELVERTA, Sacramento Co., Cal.
 One-story frame, stucco and brick veneer school building.

Owner—Lincoln School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.

Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8000. Plans will be ready for bids in about two weeks.

COALINGA, Fresno Co., Cal.—Until May 2 bids will be received by Coalinga Union High School District to erect gymnasium building at high school grounds. Swartz & Ryland, architects, Rowell-Chandler Bldg., Fresno. Will be one-story concrete; estimated cost \$55,000. Plans on file in office of clerk of district and obtainable from architects.

FRESNO, Fresno Co., Cal.—Until April 26, 5 p. m., bids will be received by L. L. Smith, secy., Board of Education, to fur and del school supplies and equipment. Lists of materials desired obtainable from secy. on request.

CROCKETT, Contra Costa Co., Cal.—Until April 11, 2 p. m., bids will be received by J. H. Martin, clerk, Carquinez Grammar School Dist., for concreting year yard of school. Cert. check 10 per cent recd with bid. Bond of 100 per cent of contract price req. of successful bidder. Plans obtainable from clerk.

TEHAMA, Tehama Co., Cal.—Tehama School District votes bonds of \$25,000 to finance erection of new grammar school; will be one-story frame and brick construction. Starks & Flanders, architects, Ochsenr Bldg., Sacramento.

McFARLAND, Kern Co., Cal.—Henry Eissler, Bakersfield, at \$15,800 awarded contract by McFarland School District to erect 4-classroom addition to present school.

LOS ANGELES, Cal.—Board of Educ. orders architectural division to prepare plans for school to be erected on the Audubon junior high school site. O. W. Ott, Washington Bldg., will be the heating and ventilating engineer; cost \$350,000.

Preparing Working Drawings
 SCHOOL, Cost, Approx. \$150,000
 SAN FRANCISCO, San Jose Ave., between Seneca and Delano sts.
 One-story frame and stucco; 12 classroom school building (Balboa Elementary School).
 Owner—City and County of San Francisco.
 Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.

The plans will be ready for bids in about 30 days.

LOS ANGELES, Cal.—Architects Hurst & Burns, 701 Laughlin Bldg., commissioned by board of education to prepare plans for a new school at Bancroft junior high school site. Holmes & Sanborn; Black Bldg., will be heating and ventilating engineers, and electrical work will be designed by board of education architectural division; \$350,000.

SACRAMENTO, Sacramento Co., Cal.—The following bids were received by Chas. C. Hughes, secy., Board of Education, until April 2, 5 p. m., to complete track and football field for stadium at Sacramento Junior College grounds: Dean & Dean, architects, California State Life Bldg., Sacramento; McGilvray Const. Co., Folsom

Bldg., Sacramento	\$11,141
Carl Miles, Sacramento	11,250
D. Ellingwood Pinnell, Sac.	12,125
A. Taggart, Sacramento	15,895
Mankel & Starring, Sac.	22,009.2

Bids taken under advisement for one week.

SACRAMENTO, Sacramento Co., Cal.—George Hudnutt, Inc., 1915 South Street Sacramento, submitted low bid and was awarded the contract at \$61,710 by Chas. C. Hughes, secy., Board of Education, to erect Lincoln school building bounded by P and Q, 4th and 5th sts. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be two stories, reinforced concrete; 16 classrooms; est. cost \$70,000.

Other bidders were:	
W. C. Keating, Sacramento	\$63,900
Herndon & Finnigan, Sac.	64,794
John Christopher, Sac.	65,000
H. W. Robertson, Sac.	65,900
P. F. Bender, Sac.	66,440
William Murcell, Sac.	66,974
McGilvray Const. Co., Sac.	67,100
Fred Betz, Sac.	67,786
Mathews Const. Co., Sac.	68,754
H. H. Henning, Sac.	69,396
Holdener Const. Co., Sac.	69,600

BAKERSFIELD, Kern Co., Cal.—Until April 10, 7 P. M., bids will be received by B. L. Marble, clerk, Standard School District, to construct 3600 square feet of concrete sidewalk and install lawn sprinkler system. Further information obtainable from clerk.

BANKS, STORES & OFFICES

Contracts Awarded.
 OFFICE BLDG. Cost, \$20,000
 OAKLAND, Alameda Co., Cal. Fifteenth and Harrison Sts.

Two-story steel frame and brick Class C store and office building (8 stores and 8 offices).

Owner—Coit Investment Co.
 Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

Structural Steel—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco.

Concrete—Anderson & Montgomery, Oakland.

Brick Work—Mealey & Collins, 354 Hobart St., Oakland.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Contract Awarded.
STORE BLDG. Cost, \$—
AN FRANCISCO. S Geary Street, bet. Twentieth and Twenty-first Aves. Three-story frame and stucco store building, 27½x100 feet.
Owner—A. L. Peyser, 1830 Jackson St., San Francisco.
Architect—Engineering Dept. of F. W. Woolworth Co., Financial Center Bldg., San Francisco.
Lessee—F. W. Woolworth Co.
Contractor—MacDonald & Kahn, Financial Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$—
AN FRANCISCO. Portola Drive in Meraloma Park.
 One-story frame and stucco store building.
Owner—Public Food Stores.
Architect—None.
Contractor—Meyer Bros., 1st National Bank Bldg., San Francisco.

Contract Awarded—Plans Being Prepared
OFFICE BLDG. Cost, \$300,000
OAKLAND. Alameda Co., Cal. Fourteenth St., bet. Webster and Franklin Sts.
 Five-story Class A office building, 50x100 feet.
Owner—Income Properties of Calif., 436 14th St., Oakland.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
Contractor—Chas. Heyer, Mills Bldg., San Francisco.

Sub-Contracts Awarded.
TELEPHONE EXCHANGE \$150,000
OAKLAND. Alameda Co., Cal. Forty-fifth and Telegraph Ave.
 Two-story and basement steel frame, brick and concrete telephone exchange building.
Owner—Pacific Telegraph & Telephone Co., 140 New Montgomery St., S. F.
Engineer—E. V. Cobby, 140 New Montgomery St., San Francisco.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Excavating—Ariss-Knapp Co., 961 41st St., Oakland.
Plumbing and Heating—J. Freitas, 2811 E-10th St., Oakland.
Reinforcing Steel—Frederick Steel Co., 58 Sutter St., San Francisco.
Electrical Work—Latourrette-Fical Co., 699 4th St., Oakland.
Glass—East Bay Glass Co., 369 5th St., Oakland.
Terra Cotta—Gladding-McBean & Co., 22nd and Market Sts., Oakland.
Brick & Masonry—Reed & Reed, Hearst Bldg., San Francisco.
 Sub-bids are being taken on other parts of the work.
 As previously reported, structural steel awarded to Judson Pacific Co., Foot of Park Ave., Oakland.

WESTLEY, Stanislaus Co., Cal.—Sam Eyre, Tracy, at \$4343 for concrete construction, awarded contract by West Stanislaus Irrigation District, to erect one-story office building. Complete list of bids follows: Sam Eyre, Tracy, (a) \$4343; concrete bldg.; (b) \$4494 brick bldg.; W Knudsen, Patterson (a) \$5500; (b) \$5750; R. T. Bush, Modesto (a) \$5757; (b) \$5982 Frank Eyre, Tracy (a) \$5000; (b) no bid.

LOS ANGELES, Cal.—Wm. Simpson Construction Co., Architects' Bldg., awarded contract for alterations to banking room of Citizens National Trust & Savings Bank at Fifth and Spring Sts.; will include construction of mezzanine floor around banking room, installation of safety vaults, rearrangement of partitions in second and third stories, and alterations in the basement. Cost \$200,000.

Sub-Bids Being Taken
MARKET BLDG. Cost, \$750,000
OAKLAND. Alameda Co., Cal. Block bounded by 14th and 30th sts., bet. Jefferson and Grove sts.
 One-story class A market building (47,000 sq. ft.)
Owner—Twentieth Century Market (Jas. G. Rohan, president).
Architect & Contractor—Maury I. Diggs, Latham Square Bldg., Oakland.

OAKLAND. Alameda Co., Cal.—See "Warehouses," this issue.

Completing Plans—Structural Steel Contract Awarded
OFFICE BLDG. Cost, \$—
RENO. Nevada. First and Center sts. Three-story and basement steel and reinforced concrete phone exchange and office building (brick and terra cotta exterior, 55x115 feet.)
Owner—Bell Telephone Co.
Architect—Eng. Dept. of Owner, 140 New Montgomery st., San Francisco.
Structural Steel—California Steel Co., Hobart Bldg., S. F.

Plans Being Prepared.
STORE BLDG. Cost, \$75,000
FRESNO. Fresno Co., Cal. NW Van Ness Ave. and Tuolumne St.
 Three-story Class C store and loft building, 100x150 feet (4 stores and offices).
Owner—Oliver Kehrlein, Oakland.
Architect—Miller & Warnecke, Actico Bldg., Oakland.

Bids Opened. Cost \$80,000
OFFICE BLDG.
SAN JOSE. Santa Clara Co., Cal. W-Santa Clara st.
 Two-story concrete building (mail order house on 1st floor; offices, etc., on 2nd floor. Spanish type.)
Owner and Builder—Normander-Campen Co., 220 W-Santa Clara st., San Jose.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin st., Oakland; 246 S First st., San Jose.
Lessee—Montgomery-Ward.
Low Bidder—C. A. Thomas, 127 Clayton st., San Jose, \$79,967.

Other bidders were:
 Minton Co., Mt. View, Palo Alto...\$80,468
 J. A. Bryant, S. F.\$4,220
 Ray Construction Co., S. F.\$5,550
 C. N. Swanson, S. F.\$5,948
 Carl Nelson, Stockton\$6,648
 R. O. Summers, San Jose\$9,629
 F. T. Edmans, San Jose\$9,869
 Lindgren and Swinerton, S. F.\$9,250
 W. J. Ochs, Fresno\$1,474
 Tynan Lumber Co., S. F.\$3,530
 H. C. Miller, San Jose\$4,750
 Bids taken under advisement.

Contract Awarded
OFFICE BLDG. Cont. price \$11,755
REDWOOD CITY. San Mateo Co., Cal. Broadway, opp. Standard st.
 Two-story reinforced concrete store and office building.
Owner—A. J. Fromm, Main and Broadway, Redwood City.
Architect—Birge M. Clark, 310 University ave., Palo Alto.
Lessee—United Cigar Sales Agency.
Contractor—Daly Bros., Redwood City.

Plans Being Figured—Bids Clas April 2
STORE BLDG. Cost \$45,000
OAKLAND. Alameda Co., 9th street and Broadway.
 One-story steel frame and brick store bldg., 9 stores, 100x125 ft.
Owner—Selah Chamberlain.
Architect—E. W. Cannon, 1924 Broadway, Oakland.

Engineer Taking Sub-Bids.
STORE Cost, \$70,000
RICHMOND. Contra Costa Co., Cal. Tenth St. and Macdonald Ave.
 Two-story Class C store building.
Owner—S. H. Kress & Co.
Architect—T. J. T. Hoffman, New York.
Engineer—R. E. Frankenberger, 248 18th St., Richmond.
Contractor—Robert McKee Constr. Co., 108 W-Sixth St., Los Angeles.

Structural Steel Contract Awarded.
STORE BLDG. Cost, \$3,000,000
OAKLAND. Alameda Co., Cal. Twentieth St. and Broadway (80,000 sq. ft.)
 Four-story, basement and sub-basement Class A department store building (foundation for 10 stories to be added at a later date).
Owner—H. C. Capwell Co., Oakland.
Architect—Ashley & Evers, 535 Market St., San Francisco, and Starrett & Van Vleck, New York City, N. Y.
Fixture Architecture—Taussig & Flesch, Chicago.
Contractor—P. J. Walker, Sharon Bldg., San Francisco.
Structural Steel—Judson Pacific Co., 604 Mission St., San Francisco.
 Contract awarded for approximately 4300 tons. Concrete bids will be taken shortly.

As previously reported, excavating awarded to J. Catucci, 1212 18th Ave., Oakland, at \$30,299.00.

Sub-Contracts Awarded
ADDITION Cost, \$100,000
SACRAMENTO. Sacramento Co., Cal. Sixth and K Streets.
 Three-story Class C brick addition to present building.
Owner—John Breuner Co.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Painting—Wilcoxson & Wilson, Sacramento.
Plastering—Thomas Scollan & Co., 2919 T St., Sacramento.
Heating—Luppen & Hawley, 3126 J St., Sacramento.
Electrical Work—George C. Foss, Ochsen Bldg., Sacramento.

Reinforcing Steel Contract Awarded.
STORE BLDG. Cost, \$24,000
SAN FRANCISCO. Howard St. near Fourth Street.
 Two-story reinforced concrete store building, 50x80 feet.
Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.
Architect—W. H. Crim, 425 Kearny St., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.
 As previously reported, excavating awarded to B. Rosenberg, 58 Merlin St., San Francisco.
 Sub-bids are being taken on other parts of the work.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1134 Van Nuys Bldg., taking bids to erect Class C store and studio-shop building at Sixth St. and Alexandria St. for Chapman Bros. Spanish style, part 2 and 3-story, 150x100 feet; reinforced concrete walls.

SEATTLE, Wash.—Architect Charles Haynes, Melhorn Bldg., preparing plans for 12-story fireproof office and store building to be erected at Brooklyn Ave. and East 54th St., for interests represented by Shirreff, Topping and Smith, Inc., realtors; est. cost bet. \$400,000 and \$500,000.

FRESNO, Fresno Co., Cal.—Thompson Bros., 2150 G St., Fresno, will erect one story reinforced concrete automobile salesroom building at Divisadero and Trinity Sts., for lease to Weber and Thomas, Inc., San Joaquin Valley distributors of Chrysler cars; estimated cost \$50,000.

Plans Being Completed
BANK Cost \$20,000
SAN FRANCISCO. Thirty-eighth Ave. and Balboa St.
 One-story frame and stucco bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
 Plans will be ready for bids in one week.

Bids Opened—Under Advisement
STORE BLDG. Cost, \$—
REDWOOD CITY. San Mateo Co., Cal. Broadway, Opp. Courthouse.
 One and two-story Class C store building.
Owner—Hare, Brewer & Clark, Inc., 130 University Ave., Palo Alto.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

These stores will be erected in conjunction with a Class A theatre covering property, 200x164 feet. Total cost, \$200,000.

Contract Awarded
ADDITION Cost \$9,000
OAKLAND. Alameda Co., 107th Ave and Hollywood Blvd.
 Addition to present building.
Owner—Fageol Motor Co., premises.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.
 Bldg. permit applied for.

Low Bidders
STORE BLDG. Cost, \$90,000
RICHMOND. Contra Costa Co., Cal. Santa Re Terminal.
 One-story reinforced concrete store building.
Owner—Santa Fe Railroad.
Low Bidders—Monson Bros., 251 Kearny St., San Francisco.
 Plans prepared by Eng. Dept. in Los Angeles.

THEATRES

CHATELAIN Working Plans
THEATRE Cost, \$20,000
SAN FRANCISCO Location Withhold
 one story reinforced concrete theatre
 building seating capacity of 500.
 Owner: Withhold
 Architect: Withhold
 Address: 351 Hibernia St.,
 Oakland.

Plans for the theatre of a group of
 theatres located throughout the state.

Contract Awarded
THEATRE Cost, \$180,000
REDWOOD CITY, San Mateo Co., Cal.
 Broadway, opp. Courthouse.
 Class A theatre seating capacity 1500.
 Owner: H. H. Brown & Clark, Inc., 129
 University Ave., Palo Alto.
 Architect: Reed Bros., 195 Montgomery
 St., San Francisco.
 Lessor: E. J. Arkhurst
 Contractor: Jos. Pasqualetti, Humboldt
 Bank Bldg., San Francisco.
Elevator—Pacific Elevator & Equipment
 Co., 10 Ransh St., San Francisco.
 As previously reported, electrical work
 awarded M. E. Ryan, Redwood City.

Sub-Contracts Awarded
THEATRE Cost \$ -
SAN FRANCISCO, SW Chestnut and
 Street sts.
 Two story class A theatre building (1500
 seating capacity).
 Owner: Louis R. Lurie
 Architect: O'Brien Bros., 315 Montgome-
 ry St., S. F.
 Lessors: Edward Barron and Carol A.
 Nathan, 221 Golden Gate ave.
 Contractor: Industrial Construction Co.,
 115 Bryant
Steel Sash Truscon Steel Co., Sharon
 Bldg.
Glass W. P. Fuller Co., 301 Mission St.
Rock and Sand Rock, Sand and Gravel
 Sales Co., Pier No. 51.
Cement J. S. Guern & Co., 729 Folsom
 street.
 Sub-lets are wanted for Heating,
 Plumbing, Waterproofing, Ornamental and
 Miscellaneous Iron.
 Other awards were reported March 3,
 1922.

FRESNO, California.—M. E. Summers,
 Fresno, awarded contract at \$65,975 for
 plastering work for a class A theatre and
 office for Alexander Pantages, E. Marcus
 Piffen, Pantages Theater Bldg., Los
 Angeles architect—Earl Newcomb, Pan-
 tages Theater Bldg., Los Angeles, con-
 structing engineer.

SAN BERNARDINO, Cal.—Baleh &
 Stanbery, Film Exchange Bldg., Wash-
 ington St. and Vermont Ave., Los An-
 geles, take bids in about two weeks for
 2 and part 3-story Class A theatre at 1
 and New Court Sts., for Edward J.
 Boesche and to be leased by the West
 Coast Theatre, Inc., auditorium to seat
 1600 people. Spanish type, reinforced
 concrete construction. \$200,000.

SAN BERNARDINO, Cal.—Baleh &
 Stanbery, Film Exchange Bldg., Los An-
 geles, are taking bids to erect 2 and part
 3-story theatre, store and offices at 1
 and Court Sts., San Bernardino, for Ed-
 ward J. Boesche and to be leased by the
 West Coast Theatre, Inc., Los Angeles;
 auditorium to seat 1600 people, store
 and offices, Spanish type, reinforced
 concrete; cost, \$200,000.

CORONA, Cal.—Architect Carl Boller,
 310 Douglas Bldg., Los Angeles, has
 prepared plans for theatre at Sixth
 and Remona Sts. for the Corona Securi-
 ty Corp.; site 150x150 feet, Class B con-
 struction and will seat approx. 1200.

SANTA BARBARA, Cal.—Architect A.
 G. Rosenthal, 709 Lankershim Bldg., Los
 Angeles, commissioned to prepare plans
 for two-story Class A theatre, store and
 offices to be erected on Carrillo St. near
 State St. for Louis Kaplan. Spanish
 type; cost, \$200,000. The contract to
 erect awarded to C. Castro, 1025 Castillo
 St., Santa Barbara; reinforced concrete.

WHARVES AND DOCKS

VENICE, Cal.—Application made by
 the Title Guaranty and Trust Company
 for War Department permission to ex-
 tend covered a distance of 150 feet the
 existing pier at 10th Ave., Venice, Calif.

SAN CLEMENTE, Cal.—Application has
 been made by Ole Hanson to War De-
 partment for permission to const. fish-
 ing pier at San Clemente, Orange county,
 approx. 2000 ft. north of San Mateo Rocks,
 extending into ocean 1120 ft. from mean
 high tide line.

SAN CLEMENTE, Cal.—Ole Hanson,
 San Clemente, taking up to April 12 to
 const. fishing pier, 1200 ft in length, end
 of Avenida del Mar. William A. Ayer,
 San Clemente, is the engineer.

SANTA BARBARA, Santa Barbara Co.,
 Cal.—Pan-Pacific Construction Co., City
 National Bank Bldg., Los Angeles, at
 \$97,000 awarded cont. by Stearns Wharf
 Co., 26 East Carrillo st., for alterations
 and additions to causeway and pier at
 foot of State street. The contract cov-
 ers all work with exception of concrete
 approach to structure. Frank G. White
 and Harry E. Squires, Ferry Bldg., San
 Francisco, engineers for project.

OAKLAND, Alameda Co., Calif.—The
 following bids were received by G. B.
 Hegardt, Sec'y., City of Port Commis-
 sion, Oakland Bank Bldg., to erect office
 partitions and toilet rooms in Grove St.
 Pier shed:
 E. T. Lesure, 87 Ross Circle,
 Oakland \$12,895
 A. Frederick Anderson, Oakland 13,177
 N. W. Place, Oakland 14,770
 Dyer Const. Co., Oakland 16,272.40
 Acme Const. Co., Oakland 16,767

Plans Being Figured. Bids close April 23,
 12 noon.

WHARF Cost, \$450,000
RICHMOND, Contra Costa Co., Cal.
 Waterfront.
 Wharf, 800 feet; cargo building, 800x150
 feet; reinforced concrete construction
 throughout. (Parr-Richmond Inner
 Harbor Terminal).
 Owner—City of Richmond (A. C. Faris,
 City Clerk), and Parr Terminal Co.
 Engineer and Mgr. of Constr. — H. J.
 Brummier, Sharon Bldg., San Fran-
 cisco.
 Lessor—Parr Terminal Co., 1 Drumm St.,
 San Francisco.

Plans on file in office of city clerk and
 obtainable from engineer.

OAKLAND, Cal.—Following bids taken
 under advisement by City Port Com-
 mission for grading and rental of roller
 at rear of Fourteenth St. wharf: (a) fill,
 per cu. yd.; (b) rental of roller, per hour
 or day: Stanley Construction Co., Palo
 Alto, (a) 45c; (b) \$4 hr.; Ariss-Knapp Co.,
 Oakland, (a) 50c; (b) \$4 hr.; Lee J. Im-
 mel, Berkeley, (a) 54c; (b) \$24 day; C.
 W. Colley, (a) 49½c; (b) \$3 hr.; J. Cat-
 tucci, Oakland, (a) 64c; (b) \$4 hr.; Jas-
 per-Stacy Co., San Francisco, (a) 38 9-10c
 (b) \$3.75 hr.; Paris Bros., Antioch, (a)
 52c; (b) \$4.50 hr.; J. Welsh, San Fran-
 cisco, (a) 55c; (b) \$25 day. Bids taken
 under advisement.

OAKLAND, Cal.—City Port Com-
 mission, 121 Oakland Bank Bldg., will pre-
 pare plans at once for wharves along
 estuary banks involving an expenditure
 of approximately \$1,000,000. Warehouse
 buildings will also be erected in con-
 nection with this project and will be
 leased to the highest bidders. C. B.
 Hegardt, chief engineer.

STOCKTON, San Joaquin Co., Cal.—
 Until April 23, 11 a. m. bids will be rec.
 by Eugene D. Graham, county clerk, to
 construct landings for ferry boats in
 Wiskey Slough bet. Lower Division Rob-
 erts Island and McDonald Tract at Bates
 Landing; also in Honker Cut bet. King
 Island and Empire Tract at site of pres-
 ent ferry near King Island Pump. Cert.
 check 10% payable to Chairman of Bd.
 of Sups. req. with bid. Plans obtainable
 from clerk. F. E. Smith, county survey-
 or.

MISCELLANEOUS BUILDING
CONSTRUCTION

SAN FRANCISCO.—Bids will be asked
 shortly by Board of Public Works for
 painting of curbs in connection with
 street traffic regulations. Specifications
 are being prepared by Bureau of Engi-
 neering, Dept. of Public Works, 2nd floor
 City Hall.

Low Bidder
ADDITION Cost \$225,000
SAN FRANCISCO, Golden Gate Park
 Addition to Kezar Stadium.
 Owner—City and County of San Fran-
 cisco.
 Architect—Masten & Hurd, Shreve Bldg.
Reinforcing Steel—Soule Steel Co., Rialto
 Shreve Bldg.
 Will be of steel or reinforced concrete
 construction with all-steel uprights.
 Present walls will be increased in height
 from 25 to 35 ft. New dressing rooms
 and pavilion for newspaper men and
 camera men will be provided.
 Low Bidder—J. A. Bryant, 185 Steven-
 son street.

Interior Marble Bids Wanted.
MAUSOLEUM Cost, \$100,000
SANTA CRUZ, Santa Cruz Co., Cal.
 Graham Hill Road and Ocean St.,
 opp. Odd Fellows' Cemetery.
 Reinforced concrete mausoleum with in-
 terior of marble and bronze.
 Owner—Memorial Mausoleum Association
 Architect—B. J. S. Cahill, 357 12th St.,
 Oakland.
 Contractor—Hamilton & Church, Santa
 Cruz.
 Those interested in the project include
 Henry Hamilton, C. A. Lindbergh, Wm.
 B. Parsons, J. M. Church and Harry
 Bias.

Contract Awarded
MAUSOLEUM Cost \$50,000
SAN RAFAEL, Marin Co., Cal.
 Reinforced concrete mausoleum (bronze
 and marble interior).
 Owner—Tamalpais Memorial Park, Inc.
 Architect—Wallace Hubbert, 110 Sutter
 st., S. F.
 Contractor—A. Christiansen, 1036 4th st.,
 San Rafael.

Correction in Steel Award
ADDITION Cost \$225,000
SAN FRANCISCO, Golden Gate Park,
 Addition to Kezar Stadium.
 Owner—City and County of San Fran-
 cisco.
 Architect—Masten & Hurd, Shreve Bldg.
 Low Bidder—J. A. Bryant, 185 Steven-
 son St.
 Will be of steel or reinforced concrete
 construction with all-steel uprights.
 Present walls will be increased in height
 from 25 to 35 ft. New dressing rooms
 and pavilion for newspaper men and
 camera men will be provided.
 Reinforcing steel contract was reported
 as being awarded to the Soule Steel
 Co., Rialto Bldg., which was in error.

CARSON CITY, Nevada—Until April
 18, 2 P. M., bids will be received by S.
 C. Durkee, chief engineer, State High-
 way Commission, for disposal of gravel
 plant in Churchill county at Lahontan
 Dam, approx. 18 mi. s. w. of Fallon, and
 no longer required by commission. Cert.
 check 10% req. with bid. Further in-
 formation obtainable from engineer.

SACRAMENTO, Cal.—As previously
 reported, Wright and Kimbrough, real
 estate operators, 817 J st., Sacramento,
 plan to lay out "Spanish Town" in Col-
 lege-Plaza Tract to be placed on the
 market in the immediate future. The
 tract is located on the Freeport Blvd.,
 north of the Junior College and opposite
 the college tract and comprises approx.
 25 acres of which nine will be commercial
 and 16 residential. Approximately \$250,-
 000 will be expended in building construc-
 tion, street work and park developments.
 Preliminary plans for this project have
 been prepared by Architects Dean and
 Dean, California State Life Bldg., Sacra-
 mento.

Plans Being Figured—Bids Close April
 10th, 10 a. m.
POUND BLDG. Cost \$5,500
BERKELEY, Alameda Co.
 One-story frame and rustic pound bldg.
 Owner—City of Berkeley.
 Architect—James Plachek, Mercantile
 Bank Bldg., Berkeley.

SAN LUIS OBISPO, Cal.—Until April
 18, 11 a. m., bids will be received by U.
 S. Property and Disbursing Officer for
 California, 1021 Forum Bldg., Sacramento,
 to construct 200 tent floors, 9 corrals and
 27 feed racks at National Guard Training
 27 feed racks at National Guard Training
 site from above office. See call for bids
 under official proposal section in this is-
 sue.

SAN FRANCISCO—Education, Parks and Playground Committee of the Board of Supervisors contemplates \$100,000 appropriation to establish a playground at the Burnett School.

SAN FRANCISCO—Until April 30, 11 A. M., under Proposal No. 363, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, for window cleaning for school department, during fiscal year 1928-1929. Further information obtainable from above.

SACRAMENTO, Cal.—Wright & Kimbrough, real estate operators, 817 J St., Sacramento, plan to lay out "Spanish Town" in College-Plaza Tract to be placed on the market in the immediate future. The tract is located on the Freeport Blvd., north of the Junior College and opposite the college tract and comprises approx. 25 acres of which nine will be commercial and 16 residential. Approximately \$250,000 will be expended in building construction, street work and park developments.

SAN FRANCISCO—Until April 30, 11 A. M., under Proposal No. 369, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to furnish scavenger service for school department during fiscal year 1928-1929. above.

RED BLUFF, Tehama Co., Cal.—Tehama County Fair directors are considering preliminary plans for \$3350 pavilion building at county fair grounds. Funds to finance will not be available until July 1.

MONTE RIO, Sonoma Co., Cal.—Lindgren Swinerton, Inc., 225 Bush st., San Francisco, at approx. \$15,000 have contract to erect seven cabins and a central clubhouse adjacent to the property of Bohemian Grove, owner by the Bohemian Club of San Francisco. The project will be financed by the Uplifters Club, composed of members of the Bohemian Club, including: Dean Witter, A. Swinerton, William Roth, Otis Johnson, Olan Lowery, Dan Molkan, E. H. Cox, F. P. Nover, George Bowles, R. D. Lapham and J. D. Fletcher.

MARIN COUNTY, Cal.—Northwestern Pacific R. Co., 64 Pine St., San Francisco, directed by State Railroad Commission, to proceed at once with construction program involving in the main the construction of a new union station and new west end station at San Rafael; new stations at Ukiah and Healdsburg; reconstruction of stations at Mill Valley, Tiburon, Sausalito and Ross; erection of shelter stations at Almonte, Baltimore Park and Kent; covering of third rail in vicinity of all stations; reconst., where necessary, of docks, piers and rights-of-way. Progressive reports on construction must be filed by the Railroad Company with the Commission.

DAVIS, Yolo Co., Cal.—Davis Lumber Co., operated by E. S. McBride has purchased property at s. e. corner of Third and G Streets and plans improvements, the nature of which has not been determined.

LOS GATOS, Santa Clara Co., Cal.—A. R. Fitzgerald of Oakland has purchased the Nippon Mura resort property on the main highway between Saratoga and Los Gatos and plans to expend approximately \$15,000 in the way of improvements.

DIXON, Solano Co., Cal.—C. Bruce Mace and local business interests contemplate erection of \$60,000 stock yards at Dixon. A twenty-acre site is being considered.

SAN FRANCISCO—Following is complete list of bids received by Board of Public Works to load, haul and install pedestrian lane markers in various sections of the city:

E. J. Treacy.....	\$4,352
M. Bertolino.....	4,600
M. J. Lynch.....	4,940
Western Paving Co.....	5,050
Hugh McGill.....	5,360
Welded Products Co.....	5,620
Clancy Bros.....	5,680
M. A. Purdy.....	6,480

SAN FRANCISCO—Vogt and Davidson, 185 Stevenson St., at \$10,438 submitted low bid to Playground Commission for following improvements at Municipal Camp at Hetch Hetchy, involv. (1) construct septic tank and pump; (2) construct three bath and toilet buildings; (3) erect 25 small knock down cabins; (4) alterations to present kitchen, dining room, cabins, and sanitary systems. Thomas M. Jones, only other bidder at \$14,760. Bids will probably be rejected as being too high and the work re-advertised.

Ground Broken
AUSOLEUM Cost, \$50,000
SAN RAFAEL, Marin Co., Cal.
 Reinforced concrete mausoleum (bronze and marble interior; 240 crypts, 216 niches).
 Owner—Tamalpais Memorial Park, Inc.
 Architect—Wallace Hubbert, 110 Sutter St., San Francisco.
 Contractor—A. Christiansen, 1036 4th St., San Rafael.

BUSINESS OPPORTUNITIES

D-2808—Scrap Cast Iron and Scrap Steel. Virginia City, Nev. Mr. R. W. Snell, Consolidated Virginia & Ophir Mining Companies, Virginia City, Nev., has four or five carloads of scrap cast iron and scrap steel of which they wish to dispose. They would appreciate hearing from San Francisco consumers or firms which melt such scrap metals.

12857—High Class Furniture, Basket-ware and Willow Ware. Belgium. Maison Jean Blondel, 54, Boulevard du Jardin Botanique, Brussels, Belgium. Manufacturers of the above-mentioned lines are seeking connections among American importers, buyers and commission agents.

12862—Linseed Oil. Brussels, Belgium. Usines E. Deffaux, 15 Rue St. Martin, Brussels, Belgium. Producers of linseed oil desires to export that commodity to the United States and they would appreciate hearing from interested firms.

12863—Rubber Hose and Belting. United Kingdom. British Consulate General, 310 Sansome St., San Francisco, Calif., represents firm of high standing desirous of appointing an agent in this district for the sale of rubber hose and belting.

12865—Steel Schooner for Carrying Lumber. Vancouver, Canada. Mr. N. S. McDonald, The Union Trading Co., Ltd., Vancouver, Canada, is in the market for a steel schooner or barquentine, with a carrying capacity of about a million and a half board feet of lumber. The vessel must be in commission, or nearly so. She may have auxiliary power or not.

12872—Asbestos (Crude & Mills Fibre). San Francisco, Calif. Mr. J. Brogan, 385 Mills Bldg., San Francisco, representative of Arizona producers of asbestos seeks contract with a suitable San Francisco export house to handle the sale of asbestos and asbestos products in foreign markets.

12875—Redwood Ties. New Orleans, La. The Porto Rican salesmen of a New Orleans hardware and supply company have the opportunity of selling quantities of redwood ties in various sizes. They would appreciate hearing from interested exporters of redwood ties. Address Mr. N. P. Oliver, Mgr. Foreign Dept., Standard Supply & Hardware Co., P. O. Drawer, 620, New Orleans, La.

12878—Hardwoods. Bluefields, Nicaragua. Mr. V. M. Vidaurre, Rivas, Nicaragua, owner of several large tracts of woodland in the Republic of Costa Rica, intends to cut and transport this timber (mahogany, cedar and namboro) the short distance to tidewater on the Pacific Coast and he wishes to get in touch with San Francisco lumber companies with a view to entering into negotiations with them concerning either the buying of the cut timber, or the lands as they are.

Chas. Peter Weeks, San Francisco architect, willed his entire estate to his widow, attorneys announced in filing a petition for probate of the will. Mr. Weeks died recently from a malady from which he was suffering for several months.

LEGAL NOTICE

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC. REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912, OF BUILDING & ENGINEERING NEWS, published weekly at San Francisco, California, for April 1, 1928.
 State of California, City and County of San Francisco, ss.

Before me, a Notary Public in and for the state and county aforesaid, personally appeared J. I. Stark and R. J. Rath, who, having been duly sworn according to law, depose and says that they are the owners of the BUILDING & ENGINEERING NEWS, and that the following is, to the best of their knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in Section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, Stark-Rath Printing & Publishing Co., 547 Mission St., San Francisco.

Editor, J. P. Farrell, 1258 39th Ave., San Francisco.

Managing Editor, J. P. Farrell, 1258 39th Ave., San Francisco.

Business Managers, J. I. Stark, 3360 Octavia St., San Francisco, and R. J. Rath, 790 20th Ave., San Francisco.

2. That the owners are:

J. I. Stark, 3360 Octavia St., San Francisco.

R. J. Rath, 790 20th Ave., San Francisco

A. R. Miller, 1614 Grand Ave., Oakland

3. That the known bondholders, mortgages, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or securities are: none.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is

R. J. RATH,
 Business Manager.
 Sworn to and subscribed before me this 31st day of March, 1928.

(SEAL) CHALMER MUNDAY,
 Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires Oct. 17, 1929)

WEATHERING OF BRICK WALLS

Speaking on the weathering of brick before the recent convention of the Common Brick Manufacturers Association, J. W. McBurney, Bureau of Standards, said that no evidence has been presented showing a relationship between water absorption and weathering. The only absolute test for weather resistance is 100 years' or more exposure. Repeated freezing and thawing conducted in the laboratory are the next best test. Brick of a relatively high absorption and of a high rate of absorption is desirable from several standpoints. The bond between brick and mortar is better with absorbent brick. On the basis of a limited field inspection, the chance of a dry wall is better with a porous absorbent brick than with vitrified brick.

Engineering News Section

BRIDGES

MARTINEZ, Contra Costa Co., Cal.—Superior Judge A. B. McKenzie has sent back to the Contra Costa county supervisors, for reconsideration, the application of Chas. E. Van Damme, president of the Richmond-San Rafael Ferry Co., for a Contra Costa-Marin bay bridge. The supervisors recently denied his application and have been instructed by the court to reopen the proceedings and Van Damme meets the structural and location demands of the board that he be granted a franchise. Judge McKenzie invoked an age old provision of the statutes in making his decision. The provision declares that the land owner on the left hand down stream side shall be given preference in awarding franchises. The supervisors, in granting a franchise to Roy O. Long of Berkeley, for a \$15,000,000 span two miles north of the Van Damme ferry route where he plans his \$10,000,000 bridge, erred in not meeting the terms of this law, Judge McKenzie held.

NAPA, Napa Co., Cal.—City will call election May 1 to vote bonds to finance const. of bridge in Third st. to replace present narrow bridge and a new bridge in connection with the opening of Brown street through from Pearl to Clinton. H. A. Harrold, city eng.

LONG BEACH, Cal.—Eng. R. D. Van Alstine, Heartwell Bldg., Long Beach, preparing plans for reinf. conc. bridge at State st., over Flood Control Channel; est. cost \$200,000.

LOS ANGELES COUNTY, Cal.—Until April 25, 2 P. M., bids will be rec. by State Highway Commission, to const. reinf. conc. girder bridge consisting of two 26-ft. 8-in. spans on conc. pier and two conc. abutments with wing walls over Santa Anita Wash at Arcadia. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

PLUMAS COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., April 18, to const. reinf. conc. girder bridges, one over Rock Creek, $4\frac{1}{2}$ mi. west of Westwood consisting of two 20 ft spans and another over Bailey Creek $7\frac{1}{2}$ mi. west of Westwood, consisting of one 36 ft. and two 22 ft spans. Project involves: 720 cu. yds. rdwy. excav. without classification; 120 cu. yds. struct. excav. without classification; 225 cu. yds. Class "A" and 24 cu. yds. Class "E" cem. conc.; 42,000 lbs. reinf. steel; 85 cu. yds. struct. backfill; 155 cu. yds. light riprap.

FRESNO and MADERO COUNTIES, Cal.—As previously reported, bids will be rec. by State Highway Comm., April 18, to const. bridge over San Joaquin river 1 mi. north of Herndon; consisting of four 160 ft. deck steel truss spans, two 80 ft. deck plate girder spans and one 64 ft. deck plate girder span on conc. piers with pile foundations. Project involves: 1770 cu. yds. struct. excav. without classification; 9268 lin. ft. fur. Douglas fir piles; drive 231 Douglas fir piles; 280 cu. yds. Class "A" cem. conc. (placed by tremie); 850 cu. yds. Class "B" and 1155 cu. yds. Class "A" cem. conc.; 174,000 lbs. reinf. steel; 1,894,000 lbs. struct. steel; 21,200 lbs. cast steel; 27,500 lbs. cast iron; 940 cu. yds. structure backfill; 9 M ft. bd. m. redwood timber, extra merchantable; lighting equipment.

SAN JOSE, Santa Clara Co., Cal.—City will call election to vote bonds of \$75,000 to finance const. of nine or ten bridges including one in East San Antonio St. and another in West Taylor St. Wm. Popp, city engineer.

SAN RAFAEL, Marin Co., Cal.—County Surveyor Rodney Messner completing plans for bridge in Homestead Valley and another in Sacramento Ave. in rear of Mason's Distillery in Rd. Dist. No. 3.

SACRAMENTO, Calif.—Sacramento Chamber of Commerce is considering preliminary plans for a high level bridge across the Sacramento river at M St., forming the main approach to the city from the west. A conference will be held with Bert B. Meek, state director of Public Works with regard to feasibility of the project.

TEHAMA, Tehama Co., Cal.—W. R. Gay and Hillaker, Orland, at \$7,850 sub. low bid to city to const. reinf. conc. bridge at n. w. entrance to city. Other bids, all taken under advisement, were:

I. W. Brunk, Corning, \$8,000; R. B. McKenzie, Gerber, \$8,150; S. Severtson, Redding, \$8,995; Frank Bryant, San Francisco, \$9,000; C. E. McCartney, Red Bluff, \$9,981; G. Mattson, San Bruno, \$10,927; Holdener Const. Co., Sacramento, \$11,800.

DEL NORTE COUNTY, Cal.—Following bids rec. April 4 by State Highway Commission, to const. steel cantilever bridge consisting of two 114-ft. anchor arms, two 114-ft. cantilever arms and one 152-ft. suspended span; on conc. piers and about 1.16 mi. of rdwy. to be graded. Bridge will be constructed over Smith River, about 8 mi. east of Crescent City; Park Schram Co., Couch Bldg.,

Portland, Oregon.....	\$170,479
J. J. Bagarinn, Portland.....	175,534
James S. Hickey, Portland.....	179,863
R. Johnson, Glendale.....	195,815
Holdener Const. Co., Sacramento.....	197,173
Mercer-Fraser Co., Eureka.....	206,042
Engineer's Estimate.....	159,799

REDDING, Shasta Co., Cal.—Until May 9, bids will be rec. by county supervisors to const. reinf. conc. bridge over Stillwater on Anderson-Shingletown Rd. Plans obtainable from County Surveyor Man at Redding.

SACRAMENTO, Cal.—Following a joint meeting of the supervisors of Yolo and Sacramento counties, bids to const. bridge at Freeport have been taken under further advisement. Two members of the Sacramento county board favor the rejection of all bids and to undertake construction by day labor. Definite action will be taken at a meeting to be held April 10 when the reports

of the engineers of both Yolo and Sacramento counties will be presented with a recommendation as to what disposition will be made of the bids. C. J. Nystedt, Stockton, sub. low bid at \$224,117.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—Recently organized American River Flood Control District has named A. M. Barton, State Reclamation Board engineer, as chief engineer for the district and to prepare data necessary for a flood control project to protect the district's territory. An appropriation of \$25,000 has been made to study the situation.

PACIFIC COAST.—See "Government Work and Supplies," this issue. Funds available for flood control projects on the Pacific Coast.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Bids will be asked shortly by Turlock Irrigation District, to be opened probably April 30, 2 P. M., for imp. in Grattan Imp. Dist., No. 4. Further mention will be made of this work.

TURLOCK, Stanislaus Co., Cal.—Lloyd Terrell, Turlock, awarded cont. by Turlock Irrigation District for imp. in Imp. Dist. No. 7, involv. (1) const. 4 conc. structures, involv. 10 cu. yds. conc.; (2) 651 lin. ft. 36-in. dia. conc. pipe. Bid was (1) \$16.20 cu. ft.; (2) \$1.75 lin. ft.

LIGHTING SYSTEMS

STOCKTON, San Joaquin Co., Cal.—Pacific Engineering & Construction Co., Chamber of Commerce Bldg., Los Angeles, at \$81,479, awarded cont. by city for street lighting system in various sts., involv. 222 ornamental duplex standards and 3 single light ornamental brackets together with underground system.

ORLAND, Glenn Co., Cal.—Until April 16, 8 P. M., bids will be rec. by E. W. Parlin, city clerk, (2-A) to install 52 single lamp Marbelite electroliers together with underground system in Walker St., bet. 6th St. and alley bet. 3rd and 4th Sts., and in 4th and 5th Sts., bet. Walker and Colusa Sts. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—See "Res. of Inten. 2237" under "Sewers and Street Work," this issue. Street lighting system planned.

STOCKTON, San Joaquin Co., Cal.—Until April 23, 11 a. m. bids will be rec. by Eugene D. Graham, county clerk, to construct ornamental electric street lighting system in Weber Ave., Main St., Hunter and San Joaquin Sts. fronting courthouse. Bids recently received rejected, low bid being submitted by Globe Electric Co., San Francisco, at \$4,933. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk. F. E. Smith, county surveyor.

BERKELEY, Alameda Co., Cal.—H. C. Reid Co., 389 Clementina St., San Francisco, at \$26,044 awarded cont. by city to install 64 Union metal electroliers with underground system in Shattuck Ave., bet. Durant Ave. and Ward St., and in Shattuck Ave., bet. Durant and Adeline St., in Adeline St., bet. Shattuck Ave. and Ward St.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

BERKELEY, Alameda Co., Cal.—Newberry-Pearce Electric Co., 439 Stevenson St., San Francisco, at \$3,562 sub. low bid to city (617) to install 14 Union Metal electroliners with underground system in Ashby Ave., bet. Grove St. and Shattuck Ave. Other bids, all taken under advisement, were: H. C. Reid Co., San Francisco, \$3,640; M. Flatland, San Francisco, \$3,725.

SACRAMENTO, Cal.—City Planning Commission considering plans for proposed uniform street lighting system. A. J. Wagner, city engineer.

MACHINERY AND EQUIPMENT

RENO, Nev.—Until April 18, 10 a. m., bids will be rec. by E. H. Seemer, county clerk, to fur. and del. one automobile, coach type, leather upholstery, cost not to exceed \$1000. Further information obtainable from clerk.

OAKLAND, Cal.—Until April 10, 8:30 p. m. bids will be rec. by Walter S. Chandler, secty., Park Directors, 407 City Hall, to fur. and del. one power lawn mower. Cert. check 10% payable to city clerk req. with bid. Spec. obtainable from secty. See call for bids under official proposal section in this issue.

RAILROADS

OROVILLE, Butte Co., Cal.—Bids are being received by A. J. Dean, recent purchaser of 210 acres of the Pleasant Valley Tract, adjoining the city of Oroville on the northeast, is taking bids to const. water system with pressure storage capacity for fire protection. Edwin Dean, 609 Bird St., Oroville, is interested in the project.

FIRE EQUIPMENT

MARYSVILLE, Yuba Co., Cal.—Fire Chief A. P. Goss recommends purchase of 500 ft. of 2½-in. and 300 ft. of 1½-in. fire hose; est. cost, \$1 to \$1.30 ft.

RESERVOIRS AND DAMS

COLTON, Cal.—General Construction Co., 517 Andreson Bldg., San Bernardino, awarded cont. by city at \$8200 to const. reinf. conc. reservoir, weir box, sand pit, control inlets and outlets, piping, valves, fittings, and a complete housing and roof.

MONTECITO, Cal.—Carl Wyant, engineer of the Montecito County Water District, preparing tentative plans for various types of dams to be built at Juncal Reservoir Site. An estimate of cost cannot be given until the directors decide upon the type. At the next meeting of the board, April 10, a date for a special election will be set. It is proposed to vote an \$800,000 bond issue for this work. John A. Jameson is president of the district.

SAN JOSE, Santa Clara Co., Cal.—Election will be called shortly by city council to decide question of transferring \$50,000 from city sewer funds to finance const. of dam, reservoir, roads and bridges in Alum Rock Municipal Park. Wm. Popp, city eng.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal.—S. F. Catey, 624 Gibbons St., Los Angeles, awarded cont. by city at \$17,250 to drill two water wells complete on Farm Lot No. 7, American Colony Tract.

BANNING, Cal.—Pacific Lighting Corp. of San Francisco, recent purchaser of Southwestern Gas & Fuel Co., announces \$50,000 will be expended on betterments and improvements to gas systems of Banning and Beaumont. Of this amount, \$30,000 will be expended for new mains.

REDWOOD CITY, San Mateo Co., Cal.—Until April 16, 8 p. m. bids will be rec. by W. A. Price, city clerk, to drill 200-ft. well for municipal water system. E. J. Matlock, San Jose, only bidder under previous call. Bid was rejected. Cert. check \$200 payable to city req. with bid. Plans obtainable from C. L. Dimmitt, city eng.

SEWAGE DISPOSAL PLANTS

LEMOORE, Kings Co., Cal.—City declares inten. (\$88) to const. sewage treatment plant in Acq. and Imp. Dist. No. 2. Project involves: 450 cu. yds. excav.; 20,200 sq. ft. grading, sludge bed; 350 cu. ft. conc. 4 sacks to yd.; 5900 cu. ft. conc. 5 sacks to yd.; 9600 cu. ft. conc. 6 sacks to yd.; 1056 cu. ft. rock in trick filter; 78,000 lbs. reinf. steel; aerator, mechanical equipment, motor; metal flumes and gates; clarifier, mechanical equipment, incl. motor, etc.; activated sludge pump; syphon and mechanical equipment; trickling filter piping system; distribution piping, valves, etc.; water pump installation and motor; miscellaneous equipment including wiring, switches, control equipment, cast iron pipe, steel pipe valves, hydrants, vitrified pipe, etc. Hearing April 10. C. C. Kennedy, engineer, Call Bldg., San Francisco. W. W. Sheahan, city clerk.

MISCELLANEOUS CONSTRUCTION

REDWOOD CITY, San Mateo Co., Cal.—San Mateo County Chamber of Commerce, through its president, Fred H. Drake, urges the const. of a \$1,000,000 tunnel connecting San Mateo and Half Moon Bay. Preliminary surveys are being made by County Surveyor Geo. A. Kneese. The tunnel will run from a point near Crystal Springs Lakes on the Half Moon Bay-San Mateo road to the Pilarcitos Creek under the mountain; would be 3000 ft. long.

WATER WORKS

MONROVIA, Cal.—Until April 16, 7:30 P. M., bids will be rec. by Lewis P. Black, city clerk, to fur. and install automatic sprinkler system in Recreation Park, consisting of 1 program controlled, 1 pulsator, and 18 selected valves, eighteen point with hand by-pass and appurtenances. Cert. check or bond for 10%. Plans on file in office of clerk.

SANTA ANA, Cal.—U. S. C. I. Pipe Co., Wright-Chandler Bldg., Los Angeles, awarded cont. by city to fur. 72 feet 20-in. centrifugally spun c. i. pipe, \$3,063 ft.; 3400 ft. 16-in., at \$2,529 ft.; 1150 ft. 14-in., at \$1.78 ft.; 3100 ft. 12-in., at \$1.36 ft.; 2950 ft. 10-in. at \$1.048 ft. Fittings also awarded to same firm. Total bid \$16,932.78.

MONROVIA, Cal.—Pomona Mfg. Co., 328 E 3rd st., Los Angeles, awarded cont. by city to fur. deep well turbine pump for Norumbega water system. N. O. Nelson Mfg. Co. awarded cont. for pipe for sprinkler system in Recreation Park, Feer & Biedenbach the installing contract, and Haden Automatic Sprinkling Co. the contract for heads.

BAKERSFIELD, Kern Co., Cal.—Until April 10, 7 P. M., bids will be received by B. L. Marble, clerk, Standard School District, to construct 3600 square feet of concrete sidewalk and install lawn sprinkler system. Further information obtainable from clerk.

LOS ANGELES, Cal.—Pacific Pipe & Supply Co., 1002 Santa Fe Ave., sub. low bid to water and power comm. at \$12.03 per 100 ft. for 37,000 ft. 1-in. galv. extra heavy wrought steel pipe. Spec. W-881.

PORTERVILLE, Tulare Co., Cal.—Monache Golf & Country Club has \$2500 available to improve clubhouse and plant grass fairways and install pumping plant for irrigation system.

OAKLAND, Cal.—East Bay Municipal Utility District will file application with Berkeley city council seeking authorization to const. \$800,000 5-ft. aqueduct to run from Claremont Court to the Berkeley city limits and Cordones Creek. Arthur P. Davis, is general manager of the district.

SACRAMENTO, Cal.—City council plans to abandon old sedimentation chambers and storage basin at municipal filtration plant and const. two entire new units, the ultimate cost of which will be approximately \$386,000. The work will probably be financed by bond issue. Henry D. Dewell, San Francisco engineer, recently submitted a report to the council regarding improvements necessary to place the plant in first class condition.

SONORA, Tuolumne Co., Cal.—C. H. Noak, manager of local Pacific Gas & Electric Co. office, announces company will install large coagulation plant for purification of the city water system. This is part of \$32,400 expenditure for betterments to water system.

SANTA CRUZ, Santa Cruz Co., Cal.—City defeats proposal to issue bonds of \$260,000 to finance water system extensions from San Lorenzo river; 1774 for and 2390 against the proposal.

SAN BERNARDINO, Cal.—Del Rosa District, organized under county water district laws, votes bonds of \$40,000 to finance const. of 250,000-gal. reservoir and other water system imps.

SAN MATEO, San Mateo Co., Cal.—Redwood Manufacturers Co., Hobart Bldg., San Francisco, at \$3000 sub. low bid to city to const. 40,000-gal. water tank and sub-structure. Bids to include removal of old tanks and frame work. Tank and sub-structure to be first grade merchantable redwood timber; 6-in. outlet pipe from bottom of tank to ground with gate valve to be included; gate valve to be connected to present 3-in. main. Pacific Tank & Pipe Co., 320 Market St., San Francisco, only other bidder at \$3610. Taken under ad.

OAKLAND, Cal.—Until April 10, 8:30 P. M., bids will be rec. by Walter S. Chandler, Secty., Park Directors, to furnish and erect well pump and gasoline engine, including pipe fittings, etc., necessary for pumping water from 12-in. dia. well from approx. depth of 100 ft. to tank, the top of which will be approx. 18 ft. above ground. To be installed in Sequoia Park. Cert. check 10% payable to city clerk req. with bid. Spec. obtainable from Secty. See call for bids under official proposal section in this issue.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN BERNARDINO, Cal.—American Cast Iron Pipe Co., 412 West 6th St., Los Angeles, awarded cont. by city to lay 8-in. C. I. 12-in. class 250 c. i. pipe at \$1.56 ft. Pacific States C. I. Pipe Co., 417 S. Hill St., Los Angeles, awarded cont. to lay 10,000 ft. 6-in. class 250 c. i. pipe at 61 c. ft.

SEWERS AND STREET WORK

RIND BLUFFE, Tehama Co., Cal.—City Eng. W. F. Luning making surveys for sewer extension in west end of Pine St.

LOS ANGELES, Cal.—Chutuk, Kor-dich & Vukojevich, 3518 Percy St., at 515,726 sub. low bid to county to const. 8.53 mi. sewer in Co. Imp. 474, Hooper Ave., etc., involv. vit. sewers; manholes; backfill, etc.

LOS ANGELES, Cal.—Will F. Peck, 1129 Las Palmas Ave., Los Angeles, at \$2,121,644.28 sub. low bid to county to const. storm drain system in Drainage District No. 33, embracing portions of Monterey Park, etc., involv. 8.47 mi. pipe lines, 6.51 mi. box conduit and 0.75 mi. arch sections. Next two low bidders were: MacDonald & Kahn, \$2,215,581; Mitty Bros., \$2,393,345. Taken under advisement.

SAN FRANCISCO.—Until April 18, 3 p. m. bids will be rec. by Bd. Pub. Wks. to const. art. stone sidewalks in portions of Newcomb ave. bet. Mendell ave. and 3rd St., etc. Bond of \$200 req. of successful bidder. Cert. check 10% payable to clerk, Bd. of Sups., req. with bid. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

SACRAMENTO, Cal.—Clark and Henry Construction Co., Chancery Bldg., Sacramento, at approx. \$1,850 awarded cont. by Bd. of Education to const. curbs, gutters, walks, 4-in. asph. conc. pave. fronting El Dorado School.

MARTINEZ, Contra Costa Co., Cal.—Until May 7, bids will be rec. by county supervisors to surface two strips near Pittsburg, one from S. P. depot running west along southern line of railroad right of way along old county road, 9,752-ft., and another from main highway bet. Pittsburg and Antioch at the subway east of Standard Oil pumping station, 2,852-ft. Est. cost \$12,144. Spec. obtainable from County Surveyor R. R. Arnold.

SAN FRANCISCO.—Bureau of Engineering, Bd. Pub. Wks., preparing spec. to imp. 42nd Ave., bet. Geary and Clement Sts., involv. const. of art. stone walks.

STOCKTON, San Joaquin Co., Cal.—Until April 23, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Canal Blvd. and Paradise Ave. of Pescadero Colony Unit No. 2. Cert. check 10% payable to Chairman of Bd. of Sups. req. with bid. Plans on file in office of clerk. F. E. Smith, county surveyor.

SAN FRANCISCO.—J. J. Gartland, Liberty and Guerrero Sts., at \$21,792 sub. low bid to Board of Public Works to const. Laguna Honda sewer from Noriega St., southerly 1370-ft. Other bids: Eaton and Smith, \$29,569; C. B. Cowden \$33,515; C. C. W. and H. H. Haun, \$34,453.

LOS ANGELES, Cal.—Until April 23, 2 p. m., bids will be rec. by county to const. cem. sewers in Co. Imp. 510, approx. 8.17 mi. in length; est. cost \$154,885. County will pay \$9000 of cost.

MARYSVILLE, Yuba Co., Cal.—City will start proceedings at once to imp. portions of Oregon, Washington, Virginia Sts., etc., involv. asph. macadam pave. Martin Polk, engineer, Chico.

PETALUMA, Sonoma Co., Cal.—City Eng. Gonzales completes spec. for 666-ft. sewer extension in Olive St.; est. cost \$966.

VALLEJO, Solano Co., Cal.—Until April 16, 11 a. m. bids will be rec. by Alf E. Edgcombe, city clerk, to imp. Sts. under Res. of Inten. No. 139, 1911 Act. Cert. check 10% payable to city req. with bid. Spec. obtainable from T. D. Kilkenny, city eng.

STOCKTON, San Joaquin Co., Cal.—Until April 23, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. John Ohm rd., No. 316 and F. W. Huck rd., No. 396, from Iriver rd. to Bird rd. Cert. check 10% payable to Chairman of Bd. of Sups. req. with bid. Plans on file in office of clerk. F. E. Smith, county surveyor.

SANTA BARBARA, Cal.—No bids rec. by county April 2 to regrade and const. drainage works on 6½ mi. of Pithian Rd. connecting state highway with Foxen Canyon Road, 2 miles east of Los Alamos.

SANTA BARBARA, Cal.—Sam Hunter, 122 W. Valerio St., awarded cont. by city to imp. Panchita Pl. bet. Sola and Victoria Sts., involv. 5-in. conc. pave, 22c sq. ft., incl. grading, comb. curb and gutter 3 ft. wide, \$1.25 ft., cem. curb driveways, 60c ft., cem. gutter driveways, 22c sq. ft.

SANTA BARBARA, Cal.—Gabler Construction Co., 159 S. Catalina St., Los Angeles, sub. low bid to county at \$23,985 for grading, drainage and fencing 3.6 miles of San Julian Road, through Hollister Ranch. Project involves 5 reinf. conc. cattle passes. Stanley Constr. Co. of Palo Alto sub. only other bid at \$28,698.40. Taken under advisement.

SAN ANSELMO, Marin Co., Cal.—Pacific States Constr. Co., Call Bldg., San Francisco, at \$4209.83 awarded cont. by city (87) to imp. City Hall Ave. and Library Pl. for their entire length, involv. grade, comb. conc. curbs and gutters, br. and conc. manholes, hyd. cem. conc. walks, 6-in. vit. pipe san. sewers with wyes and 4-in. laterals, conc. and vit. lampholes, asph. conc. pave.

OAKLAND, Cal.—City declares inten. to imp. 60th Ave. from Camden St., s. w. and portions of Brann St., adjacent to 60th Ave., involv. grade; curbs; gutters; pave; walks; culvert. 1911 Act. Protests April 19. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

ALAMEDA, Alameda Co., Cal.—Hutchinson Co., Great Western Power Bldg., Oakland, at \$2644.42 awarded cont. by city to grade, pave, bitum. conc. pave; curbs, gutters and walks in Central Ave. bet. 4th St. and pt. 335 ft. easterly, includin' const. of catchbasin and const. and painting of wood fence.

SACRAMENTO, Cal.—City declares inten. (2236) to imp. 58th St. bet. 5th Ave. and pt. 880 ft. south, involv. const. of vit. sewer; conc. manholes with c. i. curbs and covers. 1911 Act. Protests April 19. H. G. Denton, city clerk. A. J. Wagner, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until June 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. portion of Congress Springs Rd., bet. long bridge and the summit in Sup. Dist. No. 5; macadam surface pavement; est. cost, \$200,000. Plans obtainable from County Surveyor Robert Chandler.

SAN JOSE, Santa Clara Co., Cal.—Until June 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Watsonville Rd. in Sup. Dist. No. 1. Spec. obtainable from County Surveyor Robert Chandler.

SAN JOSE, Santa Clara Co., Cal.—Until June 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Prospect Rd. in Rd. Dist. No. 4 and 5. Plans obtainable from County Surveyor Robt. Chandler.

MONTEREY COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. April 18 to surface 5 mi. with bitum. macadam, bet. east boundary and Campora. Project involves: 6500 tons broken stone (bitum. macadam surf.); 310 tons asph. road oil.

BEVERLY HILLS, Cal.—Until 8 p. m., April 17, bids will be rec. by city to fur. and lay 16-in. cem. conc. pipe line. Plans obtainable from engineers, Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles. B. J. Firminger, city clerk.

SACRAMENTO COUNTY, Cal.—Following is complete list of bids received March 28 by State Highway Commission (three low bidders previously reported) to const. rock borders and oil treat 13.1 mi. in Sacramento county bet. McConnell Station in Sacramento; Mankel & Staring, 2924½ 35th St., Sacramento, \$24,426; E. F. Hillard, Sacramento, \$25,392; McGilivray Const. Co., Sacramento, \$25,944; C. W. Wood, Stockton, \$27,000; A. Teichert & Sons, Inc., Sacramento, \$29,049; W. J. Taylor, Palo Alto, \$29,256; Force, Curigan & McLeod, Oakland, \$29,532; J. C. Compton, Roseville, \$30,360; P. L. Burr, San Francisco, \$35,190; Eng. estimate, \$25,875.

SAN JOSE, Santa Clara County, Cal.—County Surveyor Robert Chandler making surveys to imp. Evelyn Ave. from Alviso Rd. to Sunnyvale city limits. Henry A. Pfister, county clerk.

FRESNO, Fresno Co.—City will start proceedings at once for sewers in alley bet. Tuolumne and Stanislaus, Fulton Sts., and Van Ness ave. A. M. Jensen, city eng.

SAN MATEO COUNTY, Cal.—State Highway Commission extends time to open bids for 3.0-mi. of grading and paving with crushed stone bet. Broadway Station and Fifth Ave., from April 11 to April 25. See call for bids under official proposal section in this issue.

SAN JOAQUIN COUNTY, Cal.—Following is a complete list of bids (three low bidders previously reported) received by State Highway Commission to grade and pave with cem. conc. 6.8-mi. bet. San Joaquin river and French Camp; Frederickson Bros., (Frederickson and Watson) 1st National Bank Bldg., Oakland, \$203,847; Hanrahan Co. San Francisco, \$205,765; J. F. Knapp, Stockton, \$206,900; C. W. Wood, Stockton, \$209,905; Neighbert & Carnahan, Bakersfield, \$211,860; M. J. Bevanda, Stockton, \$215,948; Chas. W. Wimmer, Santa Barbara, \$223,491; Kaiser Paving Co., Oakland, \$224,579; N. M. Ball, Porterville, \$224,996; Heafey-Moore Co., Oakland, \$226,930; R. Johnson, Glendale, \$235,430; A. Teichert & Sons, Inc., Sacramento, \$239,434; J. V. Galbraith, Petaluma, \$239,946; J. C. Compton, Roseville, \$256,810. Eng est \$246,609.

FRESNO, Fresno Co., Cal.—City declares inten. (77-D) to imp. alley in blk. 110, involv. grade, 3½-in. asph. conc. base, 1¼-in. asph. surface pave. 1911 act. bond act 1915. Protests April 19. H. S. Foster, city clerk; A. M. Jensen, city eng.

GLENDALE, Cal.—Henderson & Zaich, 106½ S. Glendale ave., Glendale, awarded cont. by the city at \$96,395.05 for sewer in Sewer District No. 13, involv. vit. pipe, manholes, etc.

AZUSA, Cal.—Geo. H. Oswald, 266 E. 58th St., Los Angeles, at \$209,495 awarded cont. by city to imp. Foothill blvd. through city and portions of other sts., involv. asph. conc. pave., curbs, gutters, reinf. conc. culverts, water and sewer system, etc.

BERKELEY, Alameda Co., Cal.—City Manager John N. Edy estimates cost of widening San Pablo ave. from 60 ft. to 75 ft., at \$177,650. Will provide 6-in. pave. with 2-in. asph. conc. surface.

SAN JOSE, Santa Barbara Co., Cal.—County supervisors extend time to open bids to imp. portion of Capitol ave. in Supt. Dist., from April 2 to April 16, 11 a. m. Plans on file in office of County Clerk Henry Pfister.

FRESNO, Fresno Co., Cal.—Until April 12, 1030 A. M., bids will be rec. by H. S. Foster, city clerk, (75-D) to const. 10-in. vit. clay pipe sewer in vicinity of Block 87, including 4-in. and 6-in. sewer connections; 6-in. on 10-in. wyes; conc. manholes. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. M. Jensen, city engineer.

SHASTA COUNTY, Cal.—Bids will be asked shortly by State Highway Comm. to surface 17-in. bet. Montgomery Creek and Burney. C. H. Purcell, state highway eng.

LIVERMORE, Alameda Co., Cal.—Until April 16, 8 P. M., bids will be rec. by Elmer G. Still, town clerk, to imp. South J St., bet. Second and College Ave. Cert. check 10% payable to town clerk req. with bid. Plans obtainable from L. E. Wright, city engineer.

FRESNO, Fresno Co., Cal.—Until Apr. 12, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk (76-D) to imp. portions of El Dorado st., grade and re-grade, conc. curbs, gutters, walks, corr. metal culverts; 4-in. asph. conc. base, 2-in. asph. conc. surface with liquid asph. and rock screening surface. 1911 act, bond act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. A. M. Jensen, city eng.

OCEANSIDE, Cal.—Miracle Construction Co., 4500 Menlo ave., San Diego, at \$91,327 awarded cont. by city to imp. Cleveland st. bet. 8th and Wisconsin sts., involv. grade, 6-in. Vibrolithic conc. pave., corr. iron part circle culverts, conc. storm drains, vit. sewers, etc.

COLUSA COUNTY, Cal.—Until April 11, 2 p. m., bids will be rec. by F. W. Hazelwood, division engineer, State Highway Comm., 407 Highway Bldg., Sacramento, to treat with oil, road mix, approx. 5.5 mi. of existing crushed gravel or stone surfacing et. one-half mi. west of Freshwater Creek and Williams. See call for bids under official proposal section in this issue.

CARSON CITY, Nevada.—Bids will be asked shortly by State Highway Commission, S. C. Durkee, chief engineer, to const. highway from point 3-miles north of Luning to Coledale.

SACRAMENTO, Cal.—E. F. Hilliard, 1355-43rd St., Sacramento, awarded cont. by city to imp. R. S. 9th and 10th Sts., involv. c. i. drains; vit. sewers; reconst. manhole; 1-in. water main connection; grade; hyd. conc. pave.; const. retaining walls.

RICHMOND, Contra Costa Co., Cal.—California Construction Co., 58 Second St., San Francisco, at \$44,387 awarded cont. by city (423) to imp. Standard Ave., bet. Garrard Blvd. and pt. 5 ft. n. w. of Castro St. and portion of Castro St., Tewksbury, Santa Fe, Washington and Railroad Ave. and Garrard Blvd., involv. grade; 4-in. broken stone cushion; 3-course asph. conc. pavement; corr. iron and conc. culverts; conc. catchbasins, etc.

OAKLAND, Cal.—City starts proceedings to imp. 6th Ave. from Camden St., southwest and portion of Brann St., adjacent to 60th Ave., involv. conc. pave.; curbs and gutters. Geo. N. Randle, city engineer.

SANTA CRUZ, Santa Cruz, Cal.—Until April 16, 9 a. m. bids will be rec. by S. A. Evans, city clerk, (409-C) to imp. Short St., bet. Front St. and Cooper St., involv. 5-in. conc. pave.; conc. walks, curbs; c. i. catchbasins; conc. storm water drain manhole; vit. clay sewer laterals; w. i. water service connections; conc. meter boxes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Roy Fowler, city eng.

SAN FRANCISCO—A \$47,000 appropriation to complete military roads at the Presidio has been authorized by the House, according to word received from Washington. The measure now goes to the Senate.

STOCKTON, San Joaquin Co., Cal.—County Supervisors reject plans of W. B. Hogan, city engineer of Stockton, to pave East Harding Way, a project to be financed jointly by county of San Joaquin and city of Stockton. Plans provide for patented pavement (Willite) while the county desires bids asked on "open specifications" pavement. F. E. Smith is county surveyor.

SACRAMENTO, Cal.—E. F. Hilliard, 1355 43rd St., Sacramento, awarded cont. by city to imp. alley bet. N. O. 2nd and 3rd Sts., involv. c. i. drains; vit. sewers; reconst. manhole; 1-in. water main connections; grade; hyd. conc. pavement.

SACRAMENTO, Cal.—City declares inten. (2237) to imp. portions of D St., Pico Way, Pala Way, etc., involv. conc. curb, gutter and walks; c. i. drains; vit. sewers; reconst. manholes; install street lighting system. 1911 Act, Bond Act 1915. Protests April 19. H. G. Denton, city clerk. A. J. Wagner, city eng.

RICHMOND, Contra Costa Co., Cal.—Fred Meyer, 120 South 23rd St., Richmond, at \$9943.63 awarded cont. by city to const. 6-in. and 8-in. vit. sewers in portions of Kern, Amador, Humboldt and Ventura Sts., Esmond, Garvin, Solano, Clinton and Sierra Aves. and Key Blvd., includ. br. and conc. manholes.

MONTEREY PARK, Cal.—City starts proceedings for imp. in A. and I. D. No. 1, Garfield Ave., involv. in the main: 97,000 cu. yds. grading; 605,000 sq. ft. 9-7-9-in. cem. conc. pave on 6-in. disintegrated granite sub-base; 224,000 sq. ft. 3-in. asph. pave on 3-in. d. g. sub-base; curbs; walks; gutters; storm drain structures, etc. H. S. Gierlich, engineer, Monrovia.

MONTEREY PARK, Cal.—City starts proceedings to imp. Atlantic Ave., bet. Hellman Ave. and Tract 7192, involv. in the main: 110,000 cu. yds. grading; 674,000 sq. ft. 9-7-9-in. conc. pave on 6-in. disintegrated granite sub-base; 377,000 sq. ft. 3-in. asph. conc. pave in 3-in. d. g. sub-base; curbs; walks; gutters; storm drain structures; lighting system. H. S. Gierlich, engineer, Monrovia.

MERCED, Merced Co., Cal.—City declares inten. (600) to imp. M St., bet. 13th and 14th Sts., etc., involv. grade; asph. conc. base pave with 1½-in. Warrentite-Bit surface; hyd. conc. curb and gutter. 1911 Act, Bond Act 1915. Protests April 16. W. T. Clough, city clerk. W. E. Bedesen, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (411-C) to imp. portions of Cooper St. and Front St., involv. grade; 5-in. conc. pave.; conc. curbs, walks; w. i. water pipe service connections; cem. conc. meter boxes. 1911 Act. Protests April 16. S. A. Evans, city clerk. Roy Fowler, city engineer.

OAKLAND, Cal.—City declares inten. to imp. East 26th st. bet. 14th ave. and Wallace st. and portions of 14th ave. adjacent to East 26th st., involv. const. of conc. steps and conc. walks with curbing; 1911 act. Protests April 12. Frank C. Merritt, city clerk; Geo. N. Randle, city eng.

EL MONTE, Cal.—Until 8 p. m., June 4, bids will be rec. to imp. Brockway ave. bet. Tyler and Utah sts., etc., in A. & I. No. 1, involv. 4-in. asph. conc. pave., D. G. sub-base, curb, walk, 6-in. c. i. water main, 1-in. water services, fire hydrants. B. B. Moore, city clerk. Scott M. Adams, city eng.

REDWOOD CITY, San Mateo Co., Cal.—Steps are being taken for formation of sanitary district in Dumbarton Oaks and North Fair Oaks section. Geo. A. Kneese, Courthouse, Redwood City, engineer.

OAKLAND, Cal.—Warren Construction Co., 2779 Poplar st., Oakland, awarded cont. by city to imp. portions of Jones ave., involv. grade, \$54c; conc. curb, 70c; conc. curb with steel guard, \$1.05; conc. gutter, 31c; 6-in. conc. base, 2-in. asph. conc. surface pave. 274c 8x29-in. corr. iron and conc. culverts, \$5.90; 8x24-in. corr. iron and conc. culvert, \$5.20; manholes, \$12 ea.

SACRAMENTO, Cal.—Until April 12, 5 P. M., (to be opened 8 P. M.), bids will be rec. by H. G. Denton, city clerk, (2229) to imp. L St., bet. Alhambra Blvd. and Seville Way, and portions of Granana Way, etc., involv. conc. curb, gutter; conc. manhole; c. i. drains; vit. sewers; asph. conc. pave with seal coat; c. i. water mains. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city engineer.

BURBANK, Cal.—Plans for outfall sewer for which bonds of \$325,000 were voted, will be submitted to city council April 3. T. R. Mini, city eng.

NATIONAL CITY, Cal.—Until 8 P. M., April 17, bids will be rec. by city to imp. First St., bet. F Ave. and 290 ft. east, and portions of Second St., Third St., Fourth and other streets, involv. 104,292 sq. ft. cem. conc. pave., 210,892 sq. ft. asph. conc. pave. O. A. Mullen, city clerk C. E. Ireland, city eng.

REDWOOD CITY, San Mateo Co., Cal.—Union Paving Co., Call Bldg., San Francisco, at \$114,493 awarded cont. by conty, (12) to imp. portions of Marco, Santa Domingo, Santa Lucia ayes., etc., involv. 20,000 cu. yds. grading; 556,000 sq. ft. 5-in. asph. pave.; 3300 lin. ft. conc. curb and gutter; 816 lin. ft. conc. curb; 4600 sq. ft. cem. walks; 7700 lin. ft. 4-in. 7200 lin. ft. 6-in., and 1260 lin. ft. 8-in. vit. san. sewers; 213 6x4-in. and 71 8x4-in. wye branches; 33 san. manholes; 300 lin. ft. 10-in., and 500 lin. ft. conc. storm sewer; 90 12-in. (encased) conc. sewer; 1650 lin. ft. 15-in. and 180 lin. ft. conc. sewer; 230 ft. 18-in. (encased) conc. sewer; 4-storm sewer manholes, 35 catchbasins; 1 special catchbasin. Other bids were: Calif. Const. Co., San Francisco, \$115,790; Hanrahan Co., San Francisco, \$116,968; A. J. Ralsch, San Francisco, \$125,965; L. J. Cohn, San Francisco, \$128,352; Jasper-Stacy Co., San Francisco, \$128,352; Pacific States Const. Co., San Francisco, \$139,968; Teichert and Sons, Sacramento, \$140,541; Fay Imp. Co., San Francisco, \$141,813.

SACRAMENTO, Cal.—Until April 12, 5 P. M., (to be opened 8 P. M.), bids will be rec. by H. G. Denton, city clerk, (2231) to imp. alley bet. P. and O, 13th and 14th Sts., involv. c. i. drains; vit. sewers; reconst. manhole; 1-in. water main connections; grade; hyd. conc. pave. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city engineer.

BAKERSFIELD, Kern Co., Cal.—City declares inten. to imp. approx. 15 blocks of Sts., involv.: 155,265 sq. ft. 3½-in. asph. base with 1½-in. Warrentite surface; 56,265 sq. ft. 4-in. asph. base with 1½-in. Warrentite surface; 211,521 sq. ft. grading; 9627 sq. ft. gutter; 4135 lin. ft. curb; 1275 lin. ft. culvert; 18,570 sq. ft. graded shoulders. Est. cost, \$55,663. W. D. Clarke, city eng. V. Van Ripper, city clerk. 1911 and 1915 Acts.

MONTEBELLO, Cal.—Until April 14, bids will be rec. by city to imp. Garfield Ave. under A and Im No. 6, involv. 550,655 sq. ft. 9-7-9-in. Vibrolithic conc. pave.; curbs; walks; gutters; 203,319 sq. ft. rock and oil surface; cem. sewers; ornamental street lighting system. Plans on file in office of clerk.

SACRAMENTO, Cal.—Until April 12, 5 P. M., (to be opened 8 P. M.), bids will be rec. by H. G. Denton, city clerk, (2228) to imp. 13th Ave. from 53rd St. to pt. 656 ft. easterly, involv. c. i. drains; vit. sewers; conc. manholes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city eng.

SACRAMENTO, Cal.—Until April 12, 5 P. M., (to be opened 8 P. M.), bids will be rec. by H. G. Denton, city clerk (2230) to imp. alley bet. O and P, 3rd and 4th Sts., involv. c. i. drains; vit. sewers; 1-in. water main connections; grade; hyd. conc. pave. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city engineer.

SAN FRANCISCO—Bureau of Engineering, Dept. of Pub. Wks., estimates cost of widening two streets leading to Kears Stadium at \$15,500.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$5,083.15 awarded cont. by city to imp. Park place bet. Kaye and Beach Sts., involv. 5-in. conc. pave.; w. c. water service connections; conc. meter boxes. Other bids: W. E. Miller, Santa Cruz, \$5,720.95; Dalton Bros., \$5,419.81; Granite Construction Co., Watsonville, \$5,441.85; J. L. Conner, Monterey, \$5,752.53.

COLUSA COUNTY, Cal.—Bids will be asked shortly by State Highway Commission to oil 14.4 mi. between Arbuckle and north county line. C. H. Purcell, state highway engineer.

SACRAMENTO, Cal.—Wright & Kimbrough, real estate operators, 817 J St., Sacramento, plan to lay out "Spanish Town" in College-Plaza Tract to be placed on the market in the immediate future. The tract is located on the Elvertop Blvd. north of the Junior College and opposite the college tract and comprises approx. 20 acres of which nine will be commercial and 10 residential. Approximately \$250,000 will be expended in building construction, street work and park developments.

SAN MATEO COUNTY, Cal.—Bids for virtually all of the property needed for the right-of-way of the Bay Shore Highway from San Mateo to Redwood city have been secured by the Redwood city Chamber of Commerce. It is expected that proceedings for construction will be started at once.

EL DORADO COUNTY, Cal.—Until April 25, 2 P. M., bids will be rec. by State Highway Commission for 6.2 mi. of crushed gravel or stone surfacing to be produced and stockpiled. C. H. Purcell, State Highway Eng. See call for bids under official proposal section in this issue.

ANTIOCH, Contra Costa Co., Cal.—City declares inten. (48-A) to imp. portions of H, B, 8th, 9th and 10th sts., involy. grade, hyd. conc. pave.; hyd. conc. curbs; corr. iron culverts; san. sewer. 1911 Act, Bond Act 1915. Protests April 9. J. E. McElheney, city clerk.

SAN FRANCISCO—Streets Committee of Board of Supervisors recommends \$30,859 appropriation to imp. streets fronting city property in Golden Gate Heights area. Appropriation of \$17,000 authorized to imp. Wisconsin St., bet. 33rd and 25th Sts.

SAN FRANCISCO—Street committee of Board of Supervisors authorize preparation of plans for Marina Blvd., from Webster to Lyon Sts.; est. cost, \$13,000.

SAN LUIS OBISPO COUNTY, Cal.—Tiffany, McRynolds & Tiffany, San Jose, at \$9393, sub. low bid to R. E. Hittelschmidt, adjutant general, to imp. various roads in National Guard training camp, 4.0 mi. north of San Luis Obispo, approx. 1.6 mi. in length, involy. grading, crushed stone surfacing. Other bids, all taken under advisement, were: Chas. W. Wimmer, Santa Barbara, \$12,226; W. A. Dantanville, Salinas, \$13,025; Sandercock Transfer Co., San Luis Obispo, \$116,470. Award of contract is to be made by State Highway Comm.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (827) to imp. portions of Kensington way, Bristol ave., etc., involy. grade, comb. conc. curbs, gutters, conc. walks, 2-in. cementing gravel base with 5-in. hyd. conc. surface; 4-in. vit. tile drains, etc. 1911 act, bond act 1915. Protests April 16. A. L. Banks, city clerk. W. B. Hogan, city eng.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (441D) to imp. Cleveland ave. bet. Carrillo st. and 10th sts., involy. grade, 4-in. macadam base, with 3-in. asph. conc. surf. laid in one course; hyd. conc. curbs and gutters 1911 act, bond act 1915. Protests April 17. C. B. Reid, city clerk.

BAKERFIELD, Kern Co., Cal.—Until 4 P. M. April 9, bids will be rec. by city to imp. Union ave., Sec. 20, Twp. 29 South, and a line 117.92 ft. north, involy. conc. curbs and walks; 1911 act. Spec. obtainable from W. D. Clarke, city eng.

1911, NORTH COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., April 18, to grade and surface 7.3 mi. with crushed gravel and stone and const. 1 timber bridges bet. Klamath river and Wilson creek. Project involves: 35 ac. clear, and grub; 151,500 cu. yds. 14wy. excavation without classification; 317,500 sta. yds. overhaul; 1810 cu. yds. struct. excav. without classification; 19,299 cu. yds. stand. rd. surf. crushed gravel or stone; 330 cu. yds. class A conc. conc. (structure); 1170 cu. yds. class A conc. conc. (slope paving); 74,000 lbs. bar. reinf. steel in place (structure and slope paving); 1600 lin. ft. size 3, 200 lin. ft. size 5, and 160 lin. ft. size 7 reinf. conc. culvert (type A, B, C, or D); 120 lin. ft. 21-in. corr. metal pipe; 1000 lin. ft. 8-in. drain tile; 1300 M gals. water applied to surf.; 1380 lin. ft. fur. old growth redwood piles; drive 125 old growth redwood piles; 127 M lb. measure redwood timber, extra merchantable; 30 cu. yds. broken stone (bitum. macadam surf.) 1 tons asph. road oil; 4220 cu. yds. heavy riprap; 69 monuments. State will fur. corr. metal pipe.

DEL NORTE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. April 18, to surface with crushed gravel or stone, 35.3 mi. bet. Smith River and Oregon line. Project involves: 17,550 cu. yds. crushed gravel or stone, $\frac{3}{4}$ to $\frac{3}{8}$ in. (top course); 4900 cu. yds. crushed gravel or stone screenings, $\frac{3}{8}$ in. to No. 10 (top course); 9700 cu. yds. crushed gravel or stone surf. (base course); 11,000 bbls. fuel oil; 17,600 cu. yds. mixing oil treated surf. plant mixed (Section E and stockpiled material); 9.3 mi. mixing oil treated surf. road mixed (Section C); 8.4 mi. oil surf. treatment (Section D); 9.3 mi. scarify existing surf. (Section C); 726 M gals. water applied to crushed gravel or stone surf.

CLAREMONT, Cal.—Until 7 P. M., April 24, bids will be rec. to imp. Mesa Ave., bet. Indian Hill Blvd. and Harvard Ave., and portions of other streets, involy. 5-in. asph. conc. pave., conc. pave., curbs, gutters, 2-in. wrought iron water pipe, gate valves, metal lighting standards; 1911 Act. J. D. Johnson, city clerk. C. V. E. Taylor, city eng.

AGED LUMBER FROM WHITE HOUSE

SAN FRANCISCO—Until April 18, 2 P. M., bids will be rec. by Board of Public Works to imp.:

Cabrillo St. bet. 36th and 37th Aves.; Anza St. bet. 36th and 37th Aves.; west 12 of Stanyan St. bet. McAllister and Turk Sts., etc., involy. art. stone walks, (where not already).

49th Ave. bet. Judah and Kirkham Sts.; 21st Ave. bet. Santiago and Taraval Sts., etc., involy. art. stone walks, (where not already).

Ulloa St. bet. 38th and 29th Aves., (where not already) involy. conc. curbs, gutters; asph. conc. pave.; side sewers.

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

TRADE EXTENSION MANAGER IS ON WESTERN TOUR

In the interests of grade-marking and trade-marking John M. Gibbs, trade extension manager of the National Lumber Manufacturers Association, left Washington March 26 on a month's trip which will bring him in contact with the principal lumber manufacturers in the South and on the West Coast.

The purpose of Mr. Gibbs' trip is to obtain definite information as to the reaction of the industry to grade-marking and trade-marking to present to the Trade Extension Committee at the meeting to be held prior to the annual meeting of the National Lumber Manufacturers Association May 1-2.

Mr. Gibbs and Wilson Compton, secretary and manager of the National Lumber Manufacturers Association, will speak on grade-marking and trade-marking at the annual meeting of the Southern Pine Association in New Orleans today. From New Orleans Mr. Gibbs will go to Los Angeles, A. C. Horner, Western Division manager, joining him in Texas. California subscribers to the Trade Extension Campaign will be visited by Mr. Gibbs and Mr. Horner, who will be joined by S. V. Fullaway, manager of the Portland District office in that city. Before returning to headquarters Mr. Gibbs, with the aid of Mr. Horner and Mr. Fullaway, hopes to have called on all of the trade extension subscribers in California, Oregon, Washington, Idaho and Montana.

STANDARDS ARE CONTINUED FOR PAVING BRICKS

G. F. Schlesinger, Director of Street Highway, Columbus, Ohio, was elected chairman of the standing Committee for Simplified Practice Recommendation No. 1, Paving Brick, at the annual meeting held in the Department of Commerce, Washington, D. C. He succeeds E. J. Mehren, Vice President of the McGraw-Hill Publishing Company, who tendered his resignation as chairman and member of the committee. E. E. Duff, Secretary of the National Paving Brick Manufacturers Association, also tendered his resignation as a member of the committee.

The conference also reaffirmed without change the existing simplified practice recommendation on paving brick for another year. This recommendation, which eliminated 93 per cent of the varieties of the commodity, was originally promulgated in 1921. The committee reported that the average of adherence to the recommendation was 79.6 per cent for the year 1927.

Those attending the conference were: E. L. Beller, National Paving Brick Manufacturers Association, Chicago; R. Keith Compton, American Society of Civil Engineers, Richmond, Va.; T. R. Lawson, American Society of Municipal Improvements, Buffalo, N. Y.; E. E. McCullough, U. S. Chamber of Commerce, Washington, D. C.; O. W. Renkert, American Ceramic Society, Canton, Ohio; G. F. Schlesinger, American Association of State Highway Officials, Columbus, Ohio; F. L. Manning, Portsmouth, Ohio; and H. R. Cowell of the Division of Simplified Practice.

SELLS FOR \$4 PER FOOT

Several hundred feet of Virginia Longleaf pine lumber which held the roof over the heads of the nation's presidents for 112 years before a new covering was placed on the White House last summer, is going to be finished off into souvenir gables, plaques, and furniture. Auctioned off, the lumber brought as high as \$4 a lineal foot. Historical, patriotic, school and lumber organizations bid in for the lot, the National Lumber Manufacturers' Association taking the largest quantity.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on April 25, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefore, to which special reference is made, of portions of State Highway as follows:

El Dorado County, between Fresh Pond and 3/4 mile east of Riverton (III-ED-11-F-G), about six and two-tenths (6.2) miles in length, crushed gravel or stone surfacing to be produced and stockpiled. San Mateo County, between Broadway Station and Fifth Avenue (IV-S.M.-68-B.C.), about three (3.0) miles in length; to be graded and paved with crushed stone.

Los Angeles County, across Santa Anita Wash at Arcadia (VII-L.A.9-E), a reinforced concrete girder bridge consisting of two 26' 8" spans on a concrete pier and two concrete abutments with wing walls.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
C. H. PURCELL,
 State Highway Engineer.
 Dated: March 28, 1928.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Room 407 Highway Building, Sacramento, California, until 2:00 P. M., on April 11, 1928, at which time they will be publicly opened and read, for performing work as follows:

Colusa County between one-half mile west of Freshwater Creek and Williams (III-Col-15-E), about five and five-tenths (5.5) miles of existing crushed gravel or stone surfacing to be treated with oil, road mix.

Plans may be seen, and forms of proposal, bonds, contract and specifications

may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.
C. H. PURCELL,
 State Highway Engineer.
 By **F. W. HASELWOOD,**
 District Engineer, Dist. III.
 Dated: March 29, 1928.

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M. Wednesday, May 2nd, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of Assistant Physician's Cottage and Quarters for Day Attendants, Napa State Hospital, Napa, California, in accordance with plans and specifications thereof, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

The Quarters for Day Attendants is a two-story building with reinforced concrete walls, wood floors and shingle roof. The Assistant Physician's Cottage is one-story frame with reinforced concrete foundations, plastered exterior, and shingle roof. Plumbing, Heating and Electrical Work is included in the General Contract.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Assistant Physician's Cottage and Quarters for Day Attendants, Napa State Hospital, Napa, California."

STATE DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
GEO. B. McDOUGALL,
 State Architect.
B. B. MEEK,
 Director of Public Works.
 37

NOTICE TO BIDDERS

(Well Pump and Gas Engine—Oakland Park Directors)

Notice is hereby given that the Board of Park Directors of the City of Oakland will receive bids for the supplying and erection of a Well Pump and Gasoline Engine, including all pipe fittings, etc., necessary for pumping water from a 12" diameter well from an approximate

depth of 100' to a tank the top of which will be approximately 18' above ground; bids to be received on April 10, 1928, from 7:30 to 8:30 o'clock P. M., at Room 407, City Hall. Bond in the sum of \$1000 will be required for the faithful performance of contract. Contract shall be entered into within ten days after award thereof, and the work shall be completed within thirty days after the date of contract. A certified check by a responsible bank, payable to the City Clerk of the City of Oakland, of 10% of the amount of each bid, shall accompany each proposal. Specifications will be furnished by the Secretary of the Board of Park Directors. The Board of Park Directors reserves the right to reject any and all bids.

BOARD OF PARK DIRECTORS.
 By **WALTER S. CHANDLER,**
 Secretary.

NOTICE TO BIDDERS

(Power Lawn Mower — Oakland Park Directors)

Notice is hereby given that the Board of Park Directors of the City of Oakland will receive bids for one Power Lawn Mower, bids to be received on April 10, 1928, from 7:30 to 8:30 o'clock P. M., at Room 407, City Hall. Bond in the sum of \$350 will be required for the faithful performance of contract. Contract shall be entered into within five days after award thereof and delivery shall be made within five days after the signing of the contract. A certified check by a responsible bank, payable to the City Clerk of the City of Oakland, for 10% of the amount of each bid, shall accompany each proposal. Specifications will be furnished by the Secretary of the Board of Park Directors. The Board of Park Directors reserves the right to reject any and all bids.

BOARD OF PARK DIRECTORS,
 By **WALTER S. CHANDLER,**
 Secretary.

NOTICE TO BIDDERS

(Hospital Furnishings—Nevada State)

The Board of Commissioners for the Care of the Indigent Insane, will receive bids for Furnishings for the New Ward Building at the Nevada Hospital for Mental Diseases, as described in the list to be obtained at the office of the superintendent, at the Hospital in Reno, Nev.

Bids will be open in public in the Secretary's office, Carson City, Nev., at 2 o'clock p. m., Saturday, April 14, 1928.

All bids should be sealed in opaque envelopes, marked plainly "Bids for Furnishings," and mailed to the secretary of the board, Carson City, Nev. A certified check for ten per cent of the total amount of the bid must accompany each bid. Checks will be returned to the unsuccessful bidders when the contract is awarded and to the successful bidder when the contract is fulfilled to the satisfaction of the board.

Carson City, Nevada, March 30, 1928.
A. A. ARMSTRONG,
 Secretary of Board.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., March 26, 1928.—Sealed Bids will be opened in this office at 3 p. m., May 1, 1928, for furnishing of all labor and materials, and performing all work required for the construction of the U. S. new post office at Fallon, Nev. Not exceeding six sets of drawings and specifications will be furnished to general contractors on request, in the discretion of the supervising architect, provided a deposit of Fifteen Dollars (\$15.00) is made for each set. Deposits will be refunded on return of the drawings and specifications in good condition. Checks must be certified and made payable to the Treasurer of the United States. **JAS. A. WETMORE,** Acting Supervising Architect.

STATE OF CALIFORNIA

NOTICE TO ELECTRIC CONTRACTORS

(Electric Light Fixtures, Fresno)

Pursuant to an order of the Board of Education of the City of Fresno School District and, or the Fresno City High School District, County of Fresno, California, duly made and entered in their minutes this 22nd day of March, 1928, public notice is hereby given that the said board will receive up to 5 o'clock P. M., on the 12th day of April 1928, at the office of said Boards in the Hawthorne School Building, 2125 Fresno St., Fresno, California, sealed proposals for the furnishing and installing of electric light fixtures as follows:

a. L. A. Winchell Elementary School
b. Theodore Roosevelt High School as per plans and specifications prepared by E. J. Farr, Building Superintendent, Fresno City Schools.

Reference is hereby made, to "General Information to Bidders," Building Form No. 6, for further particulars regarding all bids.

Plans and specifications, together with forms for submitting all bids and further details regarding any and all bids may be obtained from the undersigned secretary of said Boards of Education at the office of said boards above designated.

A bidder's surety bond or certified check equal to at least 10% of the amount of the bid submitted must accompany each proposal.

The Boards reserve the right to reject any and all bids.

By order Board of Education City of Fresno School District, and, or Fresno City High School District.

L. L. SMITH,
Secretary.

HERE — THERE —
EVERYWHERE

Continued From Page Five

Action favoring the five and one-half day week in the Seattle building trades and against the five-day week proposal has been taken by the industrial committee of the Seattle Chamber of Commerce. The committee acted favorably on a resolution of a sub-committee of its membership. The resolution set forth the points that the five and one-half day week is prevalent on the coast and that it would hamper local industry and business rather than aid development to adopt the five-day week in Seattle.

W. A. Bechtel, national president of the Associated General Contractors of America and a member of the San Francisco chapter of that organization, has offered two prizes of \$50 each for the best definition of "The Irresponsible Contractor." The contest closes May 8 and is open to all members of the A. G. C. No word limit has been specified and, while brevity is desirable, it is possible that a vivid imagination and an unlimited vocabulary may be necessary to do justice to this subject.

All members of the Board of Directors of the Fresno Builders' Exchange were re-elected at the annual meeting held in the Hotel Fresno March 26. The board includes: T. M. Robinson, D. A. Moore, Otto Batty, E. H. McLennan, F. E. Minard, G. J. Lines, James E. Harrison, A. M. Loper, M. E. Summers, C. E. McMullen and J. G. Teeple. President Robinson presided. A reorganization meeting will be held April 3rd at which officers will be elected. Robinson and Harry R. Cayford, secretary-manager, submitted reports.

Recently the Sacramento Architects' and Engineers' Club held a definition contest sponsored by P. J. Herold, a cash prize of \$5 being given for the best definition of each class defined. The winning definitions are:

Architect—An architect is the planner and expressionist of the building industry.—E. L. Holman.

Engineer—An engineer is one who provides proper structural stability, heating, ventilating, refrigeration, plumbing and lighting to the building industry.—E. L. Holman.

Contractor—One who, for a stipulation, agrees to use his skill to construct building or engineering works for man's benefit.—C. H. Kromer.

Realtor—A realtor is one who specializes in bringing buyers and sellers of property together for mutual benefit.—E. L. Holman.

Owner—One who makes the first payment and whose heirs make the last. He holds the sock and wears it out.—L. E. Rushton.

The Hoover-For-President Club of Northern California has been organized with Chas. W. Merrill, president, Vice-presidents are: Warren H. McBryde, John D. Galloway, P. M. Downing, L. H. Duschak, C. E. Grunsky, W. P. Durand, C. H. Snyder, Wynn Meredith and G. R. Kingsland. F. L. Sizer is secretary and A. D. Oliver, treasurer. The slogan is: "Herbert Hoover, the first engineer in the White House since Washington." A similar club has been organized in Los Angeles.

Purchase of the Ironton-Ashland Bridge Co. from the Baltimore and Ohio Railroad Co. of New York as part of a \$30,000,000 steel merger, is announced at Ironton, Ohio, by C. J. Crawford, representative of the New York firm. Crawford has been conducting negotiations at Ironton for a merger of the Belfont Steel and Wire Co. and the Martin Iron and Steel Co. of Ironton and the Ashland Steel Co. and Morton Steel Works of Ashland, Ky.

U. S. Engineer Office, 85 Second street, San Francisco, plans to let contracts this season for considerable excavation work to be done by dragline excavators, adjacent to the San Joaquin river at and below Stockton. Firms owning dragline equipment and desiring to bid on this work should communicate with the District Engineer at the above address.

A bill proposing a \$200,000,000 bond issue for construction of the Nicaraguan canal, linking the Caribbean and the Pacific, has been introduced in the Senate by Secretary McKellar, Democrat, Tennessee. It would appropriate \$10,000,000 so work could be started as soon as the measure is passed. The canal would restore order in Nicaragua and provide prosperity for the people there and stability for the government, McKellar said. The Panama canal is being overcrowded and will provide in the next few years plenty of business for the Nicaraguan canal, he said.

United States exports of industrial machinery during January were valued at \$15,120,000, a light decline from the \$15,127,000 in December, 1927, but about equal to those during the corresponding month last year, according to the Industrial Machinery Division, Department of Commerce.

Federal Board of Vocational Education, 200 New Jersey ave., N. W., Washington, D. C., has issued Bulletin No. 125, dealing with the training of foremen conference leaders. The bulletin offers suggestions as to methods to be followed and types of subject matter recommended by a committee of experienced conference leaders. Copies will be furnished on request without charge.

In an official statement the Canada Cement Co. has announced that effective immediately a price reduction of 25 cents per barrel on Portland cement will take effect in Western Canada, covering all the Prairie Provinces from Winnipeg west. "This reduction is made in the hope of stimulating business in the West, where the consumption of cement has been extremely low since the war," says the report.

Eastern Clay Products Association, Philadelphia, Pa., has published the second edition of its standards for salt glazed vitrified sewer pipe and fittings, fireclay flue lining and fittings, stove pipe and fittings and wall coping and fittings. The booklet also contains the price list effective Jan. 2, 1928.

London, England, is to have the honor of possessing England's first skyscraper. Plans have been completed for a 17-story office building 217 feet high in the heart of the city.

Bulletin No. 126, Workmen's Compensation Legislation in Relation to Vocational Rehabilitation, has been issued by the Federal Board of Vocational Education, Washington, D. C. The bulletin covers an analysis of certain provision of workmen's compensation laws showing their relation to the administration of vocational rehabilitation of disabled persons. Copy will be furnished on request without charge.

Designed to be of minimum weight and at the same time powerful and efficient, a new electric hand saw, manufactured by Skilsaw, Inc., Chicago, has been placed on the market. The saw weighs 11 lb. and develops ½ hp. It is designed for cutting lumber up to 2 in. thick and can be used in either hand. This new model "J" supplements a larger type which has been on the market for some time.

General Electric Co., Schenectady, N. Y., has published a folder GEA-715A, on its Novalux ornamental units for street lighting. Illustrations are given of some of the various types of lights available while complete information is given in tabular form regarding sizes for special uses.

A general conference of manufacturers, distributors, and users of staple porcelain (all clay) plumbing fixtures, will be held at the Department of Commerce, Washington, D. C., May 22nd, for the purpose of considering a proposed commercial standard for this commodity. A report has been received by Ray M. Hudson, Assistant Director Commercial Standards Group of the Bureau of Standards, from a temporary committee on this commodity, to the effect that the industry believes 87 of the present 622 varieties will be sufficient for regular stock.

Offering of 100,000 shares of common stock of the United States Steel Corp., to its employees will be made at \$145 a share under the annual subscription, the finance committee has announced. The stock closed on the New York Stock Exchange April 3 at \$146.37½. Last year's offering was at \$122 a share.

Dr. Elmer A. Sperry of Brooklyn, N. Y., has been elected chairman of the American Committee of the World Engineering Congress to be held at Tokio, Japan, next year. Formal organization and election took place in Washington recently. Herbert Hoover is honorary chairman of the committee.

Seattle, Wash., building permits in March totaled \$84 involving an expenditure of \$4,273,490 as compared with \$3,492,610 for the corresponding period in 1927. For the first three months of 1928 the total valuation of improvements is placed at \$11,092,815 as compared with \$7,345,745 for the same period in 1927.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

Owner	Contractor	Amt.
Guilliee	Owner	8000
De Maria	Cuneo	10000
Doyle	Hamill	18000
Herzig	Owner	5000
Same	Same	5000
Samuelson	Owner	5000
Van Boden	Doelger	4000
Balcheldir	Wisnom	3500
Chipperfield	Owner	12000
Francis	Owner	12000
Helms	Helms	25000
Leregen	Owner	4000
Morton	Owner	5500
Seguine	Owner	4000
Strong	Owner	3950
Calif.	Brueck	1400
Hellman	Owner	12000
Heyman	Owner	12000
Lawton	Payne	14600
Mambretti	Owner	8000
Manning	Owner	24000
Neil	Owner	3900
Neil	Owner	15600
Chinese	Stockholm	3500
Fisher	Owner	3600
Campbell	Owner	4000
Lawton	Payne	8000
Same	Same	4000
Same	Same	12000
Mitchell	Donaldson	3800
Benson	Owner	4500
Beregerat	Erickson	1950
Binghamer	Fetz	4000
Castle	Horn	4000
Godin	Owner	4500
Kaharthe	Owner	3000
Keenan	Owner	7500
Johnson	Owner	4900
Johnson	Owner	9000
Walcott	Chisholm	1000
Arnott	Arnott	6000
Arnott	Arnott	4000
Arnott	Arnott	5000
Baldwin	Pearson	4000
Caro	Rothschild	7000
Grossman	Owner	8000
Mohr's	Owner	16000
McKay	Owner	13000
Rosener	Owner	40000
Stolt	Tapio	4000

DWELLINGS

(804) E THIRTIETH AVE 125 and 150 S Anza St. Two two-story and basement frame dwellings.
Owner—E. M. Doyle, 30 Montgomery St., San Francisco.
Architect—C. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Thos. Hamill, 6242 Geary St., San Francisco. \$6000 each

FLATS

(805) S BAY 112-6 W Gough. Two-story and basement frame (2) flats.
Owner—Mr. and Mrs. S. DeMaria.
Architect—None.
Contractor—A. A. Cuneo and V. Masario, 1121 Wisconsin St., S. F. \$10,000

DWELLINGS

(806) E THIRTIETH AVE 250, 275 and 300 S Anza. Three two-story and basement frame dwellings.
Owner—E. M. Doyle, 30 Montgomery St., San Francisco.
Architect—C. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Thos. Hamill, 6242 Geary St., San Francisco. \$6000 each

DWELLINGS

(807) W FORTY-THIRD AVE 200 and 225 S Kirkham. Two one-story and basement frame dwellings.
Owner—E. H. Guilliee, 1458 11th Ave., San Francisco.
Architect—None. \$4000 each

DWELLING

(808) S URBANO 300 N Alviso. Two-story and basement frame dwelling.

Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$5000

DWELLING

(809) S URBANO 250 N Alviso. Two-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$5000

DWELLING

(810) S UPLAND 55 W Kenwood. One-story and basement frame dwelling.
Owner—A. M. Samuelson, 901 Geneva Ave., San Francisco.
Architect—None. \$5000

DWELLING

(811) W FORTIETH AVE 225 S Irving. One-story and basement frame dwelling.
Owner—E. Van Boden, Saratoga, Calif.
Architect—None.

Contractor—Henry Doelger, 1391 8th Ave., San Francisco. \$4000

DWELLING

(812) SW TEMPLE and Saturn; 1-story and basement frame dwelling.
Owner—Mr. and Mrs. Balchelder, premises.
Architect—None.

Contractor—S. F. Wisnom, 1275 44th ave. \$3500

DWELLINGS

(813) E 26TH AVE. 25, 50 and 75 N Moraga st; three 1-story and basement frame dwellings.
Owner—R. E. Chipperfield, 1295 15th ave.
Architect—L. E. Hansberry, 1260 20th ave. \$4000 each

APARTMENTS

(814) NW MORAGA and 12th ave; 2-story and basement frame (3) apts.
Owner—Mrs. Roy N. Francis, Humboldt Bank Bldg.
Architect—Bos and Quandt, Humboldt Bank Bldg. \$12,000

APARTMENTS

(815) N BALBOA St. 125 W 48th ave; 3-story and basement frame (18) apts.
Owner—Edward F. Helms, 4048 Geary St.
Architect—None.
Contractor—Helms & Helms, 4048 Geary St. \$25,000

DWELLING

(816) N JUDSON Ave. 250 W Foerster; 1-story and basement frame dwelling.
Owner—J. Leregen, 176 4th ave.
Architect—None. \$4000

ALTERATIONS

(817) 1060 PINE St., alter and remodel hotel.
Owner—Dr. A. W. Morton, 1055 Pine st.
Architect—A. H. Knoll, 222 Kearny st. \$5500

DWELLING

(818) E 26TH AVE. 350 S Lawton; 1-story and basement frame dwelling.
Owner—Chas. Seguine, 1280 20th ave.
Architect—T. A. Stubblefield, 2655 Linden ave., Long Beach. \$4000

DWELLING

(819) SW RUSSIA 75 NW Moscow; 1-story and basement frame dwelling.
Owner—Harry W. Strong, 115 Central ave.
Architect—None. \$3950

REMODEL

(820) 2067 SAN BRUNO; alter and remodel cabinet shop.
Owner—Calif. By-Products, 2067 San Bruno.
Architect—None.
Contractor—M. Brueck, 600 Charter Oak ave. \$1400

REMODEL

(821) NE 16TH & Harrison st; alter and remodel coffee packing and storage plant.
Owner—Richard Hellman, Inc., 16th and Harrison.
Architect—E. A. Eames, 352 Sacramento st. \$12,000

DWELLINGS

(822) E 17TH AVE. 60 and 85 S Pacheco; two 2-story and basement frame dwellings.
Owner—Heyman Bros., 742 Market st.
Architect—None. \$6000 ea.

DWELLINGS

(823) W NEBRASKA 155, 180, 255 and 280 N Courtland ave; four 1-story and basement frame dwellings.
Owner—R. E. Lawton, premises.
Architect—None.
Contractor—J. H. Payne, premises. \$3650 each

DWELLINGS

(824) NE HOLYOKE 50 and 75 SE Bacon; two 1-story and basement frame dwellings.
Owner—John Mambretti, 2593 San Bruno ave.
Architect—None. \$4000 each

APARTMENTS

(825) SE 24TH and Lincoln Way; 3-story and basement frame (12) apts.
Owner—Manning Baldwin, Inc., 845 14th street.
Architect—J. C. Hladik, Monadnock Bldg. \$24,000

DWELLING

(826) NW POWHATTAN and Nebraska; 1-story and basement frame dwelling.
Owner—Robert Neil, 125 Peoria st., Daly City.
Architect—None. \$3900

DWELLINGS

(827) W NEBRASKA 40, 65, 90, and 115 S Powhattan st; four 1-story and basement frame dwellings.
Owner—Robert Neil, 125 Peoria st., Daly City.
Architect—None. \$3900 each

ALTERATIONS

(828) NO. 966 CLAY. Erect bedrooms on top of present building.
Owner—Chinese Episcopal Mission, Prem.
Architect—None.
Contractor—Chas. Stockholm & Sons, Hearst Bldg., San Francisco \$3500

INDUSTRIAL BLDG.

(829) N DUBOCE 53 E Stevenson. One-story and mezzanine reinforced concrete light industrial building.
Owner—Alfred P. Fisher, 1001 Nevada Bank Bldg., San Francisco.
Engineer—Alfred P. Fisher. \$3600

DWELLING

(830) E PLYMOUTH 175 S Grafton. One-story and basement frame dwelling.
Owner—Fred L. Campbell, 30 Grafton Ave., San Francisco.
Architect—None. \$4000

DWELLINGS

(831) W FORTY-FOURTH AVE 30 and 65 S Rivera. Two one-story and basement frame dwellings.
Owner—R. E. Lawton, Premises.
Architect—None.
Contractor—J. H. Payne, Premises. \$4000 each

DWELLING

(832) SW FORTY-FOURTH AVE AND Lawton. One-story and basement frame dwelling.
Owner—R. E. Lawton, Premises.
Architect—None.
Contractor—J. H. Payne, Prem. \$4000

DWELLINGS

(833) E FORTY-SIXTH AVE 25, 50 and 75 N. Quintara. Three one-story and basement frame dwellings.
Owner—R. E. Lawton, Premises.
Architect—None.
Contractor—J. H. Payne, Premises.
\$1000 each

DWELLING

(830) E VICTORIA 165 S Holloway. One-story and basement frame dwlg.
Owner—L. C. Mitchell.
Architect—None.
Contractor—W. Donaldson, 267 Miramar Ave., San Francisco. \$3800

DWELLING

(830) W 14th AVE 150' N ULLOA; 1 1/2 story and basement frame dwelling.
Owner—A. J. Benson, 158 Miramar Ave.
Architect—None.
Contractor—Day work. \$4500

INSTALL BATHS

(836) 258 EDDY ST., install four baths in lodging house.
Owner—Bergerot & LaCoste, 168 Sutter Street.
Architect—Oliver Everett, 1942 Webster Street.
Contractor—Henry Erickson, 972 Chenery St. \$1950

DWELLING

(827) S BOSWORTH 25' E LYELL ST.; 2-story and basement frame dwelling.
Owner—M. Binghamer, 426 Bosworth.
Architect—None.
Contractor—Philip Fetz, 460 Wilde Ave. \$4000

DWELLING

(838) N CAMELLIA 130-83 E SILVER; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4000

FLATS

(839) N MONTEREY BLVD. 250 E ARCADIA; 1-story and basement frame (2) flats.
Owner—G. V. Godin, 66 Monterey Blvd.
Architect—S. L. Hertenstein, 311 Florida Street.
Contractor—Day work. \$4500

STORE & DWELLINGS

(840) 2029 CHESTNUT; 2-story frame store and dwelling bldg.
Owner—Jean Kaharthe, 2029 Chestnut St.
Architect—None.
Contractor—Day work. \$3000

RESIDENCE

(841) W LAGUNA ST 100 S SACRAMENTO; 3-story and basement frame residence.
Owner—H. C. Keenan, 110 Sutter St.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Day work. \$7500

DWELLING

(842) W 18th AVE 200 N NOREIGA; 1-story and basement frame dwelling.
Owner—G. Johnson, 164 Noe St.
Architect—None.
Contractor—Day work. \$4000

DWELLINGS

(843) E MUNICH 200-225 250 N RUSIA; (3) 1-story and basement frame dwellings.
Owner—Joseph Johnson, 842 Monterey Blvd.
Architect—D. E. Jackle, 395 Justin Drive.
Contractor—Day work. \$3000 each

REMODEL

(841) 25 COLLEGE AVE.; alter and remodel dwelling.
Owner—G. Wadcott, 25 College Ave.
Architect—None.
Contractor—R. A. Chisholm. \$1000

DWELLINGS

(845) N SAN JUAN 25 and 50 E Cayuga, two one-story and basement frame dwellings.
Owner—Jas. A. Arnott, 633 Taraval St.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval St. Each \$3000

DWELLING

(846) W. 16TH AVE. 272 S. Rivera; 2-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval St.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval St. \$4000

DWELLING

(817) W. 16TH AVE., 241 N. Rivera St.; 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval St.
Architect—None.
Contractor—J. A. Arnott & Son, 633 Taraval St. \$5000

DWELLING

(818) W. CAMBRIDGE, 75 S. Pioche; 1-story and basement frame dwelling.
Owner—Wallace E. Baldwin, 87 Lytell St.
Architect—None.
Contractor—R. Vance Pearson, 1009 Dolores St. \$4000

DWELLING

(849) E. BAKER ST., 150 S. Beach; 2-story and basement frame dwelling.
Owner—S. Caro, care builder.
Architect—Pring & Lesswing, 605 Market St.
Contractor—Rothschild Bros., 159 Sutter St. \$7000

DWELLINGS

(850) W. ALLISON, 175 and 200 N. Brunswick; two 1-story and basement frame dwellings.
Owner—Wm. E. Grosman, 47 Curtis St.
Architect—None.
Contractor—Day work. Each \$4000

DWELLINGS

(851) W. RAE, 260, 290, 320 and 350 S. Nagles; four 1-story and basement frame dwellings.
Owner—Mohr's, Inc., 116-19th St.
Architect—None.
Contractor—Day Work. Each \$4000

RESIDENCE

(852) E. SOTELO AVE., 83.6 N. Lopez; 2-story and basement frame residence.
Owner—Wilbus M. McKay.
Architect—Wm. H. Crim, Jr., 425 Kearny St.
Contractor—None. \$13,000

RESIDENCE

(853) S.E. WASHINGTON & SPRUCE; 2-story and basement frame residence.
Owner—Leland S. Rosener, 233 Sansome St.
Architect—A. Farr & J. F. Ward (associated), 68 Post St.
Contractor—Day work. \$40,000

DWELLING

(854) E. PUTMAN, 200 N. Jarboe; 1-story frame dwelling.
Owner—A. J. S. Stolt, 72 Putman St.
Architect—Andrew Tapio, 153 Maestic Ave.
Contractor—Architect. \$4000

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
132	Lindeman	Lindeman	20000
133	Madrieries	Jensen	12330
134	Paganini	Soracco	6400
135	Chong	Hamilton	11900
136	Tesnen	Coburn	3219

BUNGALOWS

(132) E OLMSTEAD & Brussels NE 120 x SE 75; all work on four 1-story frame bungalows.
Owner—H. O. Lindeman, 619 27th ave.
Architect—None.
Contractor—W. R. Lindeman, 829 44th ave.

Filed March 30, 1928. Dated Jan. 18, 1928	
Frames up	\$5000
Rough plastered	5000
Completed	5000
Usual 35 days	5000
TOTAL COST	\$20,000

Bond, forfeit, none; limit, 90 days; plans and spec. filed.

FLATS

(133) E POWELL 42 N Pacific N 21 x E 67.6; all work on 3-story and basement frame flat and store bldg.
Owner—I. Madrieries.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St.
Contractor—Geo. P. W. Jensen, 320 Market St.

Filed March 31, 1928. Dated Mar. 26, 1928	
Frame up	\$3080
Brown coated	2080
Completed and	3085
Usual 35 days	3085
TOTAL COST	\$12,330

Bond \$6165; sureties, Geo. W. Hooper, Hattie L. Jensen; limit, 90 days; forfeit \$10; plans and spec. filed.

RESIDENCE

(134) LOT 18 BLK 5802, St. Mary Park. All work for one-story and basement frame residence.
Owner—Napoleone and Ennima Paganini.
Architect—None.
Contractor—F. A. Soracco, 127 30th St. San Francisco.
Filed April 2, '28. Dated Mar. 21, '28.
Roof sheathing on

Brown coated

Completed and accepted

Usual 35 days

TOTAL COST

Bond, \$3200. Sureties, S. E. Reintrau and Wm. D. Menson. Limit, 90 days; forfeit, none. Plans and specification filed.

CLASS C BLDG.

(135) N WASHINGTON 52 E Powell 1 20xN 60. All work for two-story and basement Class C building.
Owner—Chong Yun.
Architect—A. A. Cantin, 544 Market St. San Francisco.
Contractor—Hamilton Constr. Co., 514 Geary St., San Francisco.
Filed April 3, '28. Dated Mar. 20, '28.
On 1st of each month

Usual 35 days

TOTAL COST

Bond, \$5950. Surety, National Surety Co. Limit, 65 days. Forfeit, none. Plan and specifications filed.

REPAIRS

(136) NO. 2467 TWENTY-FOURTH AVE. All work for repair to frame dwelling damaged by fire.
Owner—Genevieve C. Tessien as Adm'r Estate Marie G. Tessien, dec'd.
Architect—None.
Contractor—Charles Coburn, 753 Larc St., San Francisco.
Filed April 4, '28. Dated April 2, '28.
Foundations repaired and flooring relaid

Painting, papering, glazing and plumbing done

Usual 35 days after deed of trust to Jos. Howard for

TOTAL COST

Bond, \$2000. Surety, Fidelity & Deposit Co. Limit, 60 days. Forfeit, plan and specifications, none.

COMPLETION NOTICES

San Francisco County

March 27, 1928—LOT 16 BLK 3273 known as 1375 Monterey blvd. Richard H. Bell to whom it may concern

March 28, 1928—E 25TH AVE 200 S Lawton S 25 x E 120. E A Florence to whom it may concern. March 26, 1928

March 28, 1928—NE JACKSON AND Beckett N 77.6 E 60 S 20 W 40 S 55.6 W 80. Soo Hoo Bing Get and Taud Mark to J S Malloch. Mar. 20, 1928

March 28, 1928—E LYON 111.6 S BAY 26 x 131 E Lyon 137.6 S Bay S 26 x 114 E Lyon 85.6 S Bay S 26 x 104. St George Holden to whom it may concern. March 20, 1928

March 30, 1928—SE MORAGA & 12TH ave 29 x 75. M L and S Britt, and L and R Lantz to O W Britt. March 30, 1928

March 30, 1928—E 25TH AVE 125 N Moraga N 25 x E 120. Wm H MacKenzie to whom it may concern. March 29, 1928

March 30, 1928—E 34TH AVE 100 N Judah N 27 x E 120. George F O'Brien to R Vance Pearson. March 29, 1928

March 30, 1928—S UNION 90 W Gough W 50 x S 112.6. J M Johnson to whom it may concern. March 29, 1928

March 30, 1928—E 29TH AVE 225 N Santiago N 25 x 120. John P Dolly to whom it may concern. March 30, 1928

March 29, 1928—ALL LOT 25 BLK 133 Browns Estate Co's Sub ptn University Mound Tet. Peter Nelson to J L Wold. March 26, 1928

March 29, 1928—N BROADWAY 183.6 W Leavenworth W22.9x137.6. Herman Papa to J A Johnson. March 28, 1928

March 29, 1928—N Tehama 75 W 4th W 75 x N 75. R T Ridding and W H McKibben to Louis A Hinson. March 24, 1928

arch 29, 1928—LOT 2 BLK 5802 ST Mary's Park. Cesare Fabroni to A B Ratto & Son March 29, 1928
arch 29, 1928—1433 BUSH. Jos F Myrick to M C Ingraham March 22, 1928
arch 29, 1928—S SACRAMENTO 49.6 W Walnut W 23 x S 82.6 m or l. A Peninou to George Healing March —, 1928
arch 31, 1928—E THIRTY-THIRD Ave 100 N Taraval N 25xE 120. Thos C Walker to whom it may concern March 31, 1928
arch 31, 1928—LOT 19 BLK 12, Map Forest Hill. A P and Christine McCreadie to whom it may concern March 30, 1928
arch 31, 1928—SW FIFTH 137-6 SE Harrison SE 40xSW 137-6 Ptn 100 V Blk 384; SW Fifth 177-6 SE Harrison SE alg SW Fifth 63-1½xSW 137-6 Ptn 100 V Blk 384. New San Francisco Laundry to whom it may concern March 24, 1928
arch 31, 1928—E KEITH 350 N Van Dyke 25 x 100. Louis and Emma Pastorini to L M Carusio Co. March 29, 1928
arch 31, 1928—WEBSTER 110 N McAllister, 25x110. A and Ana White to E F Helms March 31, 1928
arch 31, 1928—W THIRD 79-6 N Newcomb Ave N 26, 605 W 79 S 25 E 83. J Alcoupe to whom it may concern March 31, 1928
arch 31, 1928—W SHRADER 160 S Seventeenth 25x175 No. 1525 Shrader St. John Michael and Christian Bomerer to whom it may concern March 23, 1928
pril 3, 1928—SE WASHINGTON and Baker. Andrew W Morton to whom it may concern March 26, 1928
pril 3, 1928—W MURRAY 45 S Richmond Ave. 30x50. John Luft to Herman W. Luft April 3, 1928
pril 3, 1928—W CONGO 25 N Flood Ave 25x100. G L Plov to whom it may concern April 3, 1928
pril 3, 1928—E TWELFTH AVE 100 N Magellan No. 2336 12th Ave. Ruby A. Corcon to A E Gordon April 2, 1928
pril 2, 1928—N TARAVAL 60 W 18th AVE. Edward A Johnson to whom it may concern March 31, 1928
pril 2, 1928—S CLEMENT 27.6 E 15th Ave 52.6x100. I Epp & Son to whom it may concern April 2, 1928
pril 2, 1928—N JACKSON 50 W SPRUCE W30x127-8.25. James C & Sadie I McLaughlin to James L McLaughlin Co. March 26, 1928
pril 2, 1928—SE ULLOA & 31st Ave S75 E145 N50 W25 N25 W120. Ray T Higgins to Meyer Bros. March 16, 1928
pril 2, 1928—LOTS 9, 10, 11, 12, 15 and 25 BLK 3053, MAP BLKS 3050 to 3053 and PTN BLKS 3038 and 3054 Westwood Highlands LOTS 12 BLK 3045 MAP BLKS 3044 and 3045 PTN BLKS 3039, 3042 and 3047, Monterey Heights. Henry and Hazel Stoneson to whom it may concern March 30, 1928
pril 2, 1928—W FILLMORE 399.197 S from SE Retiro Way rung S and alg FILLMORE 50xW100 PTN BLK 438A of Marina Gardens. Edward and Josephine Thompson to whom it may concern April 2, 1928
pril 2, 1928—SW CLEMENT & 41st AVE S alg 41st Ave 32.7xW82.6 W1st and 157.7 S CLEMENT S25xW120. Meyer Bros to whom it may concern March 31, 1928
pril 3, 1928—W WEBSTER 112-6 S Golden Gate Ave S 25xW 110. A and Anna White to E F Helms. March 31, 1928
pril 3, 1928—W YORK 90 S Twenty-fifth St., 25x100. Michele Di Maggio to D Delucchi & Son. April 3, 1928
pril 4, 1928—N OTIS 116 W 12th 82x 130. Saita Company to G. A. Tuck. April 4, 1928

LIENS FILED

San Francisco County

March 28, 1928—S SUTTER 137.6 E Larkin E 57.6 S 110.8 E 40 S 26.10 W 97.6 N 137.6 Robert I Perry vs Zellerbach Levison Co, Barrett & Hlp. \$1775.50
March 28, 1928—SW 18th & MISSOURI S 25 x W 100. Christenson Lumber Co vs Sam and Mary Mazen. \$1056.90
March 28, 1928—N FARALLONES 290

E Orizaba ave E alg Farallones 25 x N 125. Bacigalupi and Dagneau vs F C and Luella W Wolpert. \$265
March 28, 1928—W VERMONT 75 S 18th S 25 x W 100 ptn P N blk 105 James Bacigalupi and Henry Dagneau vs F C and Luella W Wolpert. \$46.50
March 28, 1928—SE LAGUNA & Green E alg S Laguna 25 x S 100 ptn W A 191. Albert Wells vs Della Barwald and Morris Warren. \$22.40
March 28, 1928—SE LAGUNA & Green E 25 x S 100 ptn W A 191. James Wells vs Della Barwald and Morris Warren. \$56
March 30, 1928—W VERMONT 75 S 18th S 25 x W 100. Bert W Robinson as Sunset Glass and Glazing Co vs Fred C and Luella Wolpert. \$79.50
March 30, 1928—N LOBOS 30 E Orizaba E 60 x N 75. Bert W Robinson as Sunset Glass and Glazing Co vs Fred C and Luella Wolpert. \$69.50
March 30, 1928—SW 18TH & Missouri S 25 x W 100. lot 1 blk 4030. National Sheet Metal Works to Sam and Mary Mazen. \$110
March 30, 1928—NW JEFFERSON & Baker N 95.775 x W 120. General Mill and Lumber Co vs Carmelita and Eugene Aureguay, & M Allan. \$608.79
March 30, 1928—W 25TH AVE 250 N Moraga 150 x 120. L S Case Inc to William G. Zupar & Nuway Realty Co. \$508.11
March 30, 1928—N FARALLONES 415 E Orizaba E 50 x N 125 ptn blk L Railroad Hd Assn. Sunset Glass and Glazing Co vs Fred C and Luella Wolpert. \$146
March 30, 1928—N LAGUNA Honda blvd 65 SE Hernandez ave x 141 SE Hernandez ave. Samuel Ran vs Richard E Giller. \$444.68
March 30, 1928—SW SCOTT & BAY W alg Bay 93.9 x S 60 being all lot 1 blk 928. Reinhart Lumber & Planing Mill Co. vs W J. Dan and George McKillop, and John Doe McKillop. \$2409.85
March 29, 1928—W SAN MIGUEL and Mt Vernon ave SW alg San Miguel 25 x NW 100 ptn lots 7, 8, 9, 10 Blk B Getz Addn to Lakeview. D Seghieri & Co Inc vs \$334
March 29, 1928—SW KENSINGTON Way & SE line lot 45 blk 2975 rung NW alg Kensington way 37.6 x SW 100.002 all lot 454 ptn lot 44 blks 2975, 2983, 2989 Claremont Court Parcel No 2. Bay Concrete Co to E J Retberg. \$436.40
March 29, 1928—E ALPINE TERRACE 100.7½ S Waller S 25 x E 100.5. United Lighting Fixture Co vs United Construction Co, J E Raymond, Walter G and Johanna Muspratt. \$150
March 29, 1928—SW 18TH & Missouri S 25 x W 100. Lot 1 blk 4036. N Geo Wienholz vs Sam and Mary Mazen. \$2460.05
March 29, 1928—SW SCOTT & BAY W alg S Bay 93.9 x S 50 lot 1 blk 928. Frank Santana vs W J McKillop and Dan, George and John Doe McKillop. \$900
March 29, 1928—S VALLEJO 137.6 W Gough W 60 x S 137.6. Louis Fignoni as Fignoni Co vs O A Brown and California Real Estate & Finance Corp. \$240.80
March 29, 1928—E ASHBURY 130 S Frederick S 30 x E 100 known as 820 Ashbury st. Severin Electric Co vs Florence L Meyer. \$203.50
March 29, 1928—E ASHBURY 130 S Frederick S 30 x E 100 known as 820 Ashbury st. W H Morgan vs Florence L Meyer and Henry Van Sahern. \$425
March 31, 1928—S VALLEJO 137-6 W Gough W 60xS 137-6. H. & H Roofing Co Inc vs O A Brown and California Real Estate & Finance Corp. \$355
March 31, 1928—SW EIGHTEENTH & Missouri S 25xW 100. H & H Roofing Co, Inc vs Sam and Mary Mozen. \$75
March 31, 1928—W FOLSOM 150 S Powhattan Ave S 25xW 70. A. Sculco vs Al Schmid. \$149.30
March 28, 1928—LOT 1 BLK 3 MAP Forest Hill. G Mazzera vs Frank H and Allie J Hill. Al Crow. \$498.95
pril 2 1928—E RYXBEE 175 N SARGENT N 100xE 375 Lot 21 Blk 15 city land tract assn. San Francisco Lmbr. Co. vs Margaret C Drake & John Doe Drake. \$276.42
pril 3 1928—NW JEFFERSON and BAKER N 31 375 and W 120. Stucco Paint Co. vs Eugene Aureguay. \$306

pril 2, 1928—SW WALLER & ALPINE Terrace W alg Waller 59-0½ S 75 PTN W A 521. C Mesa vs James E Raymond. \$100
pril 2, 1928—E Mission 98-2 N 22nd N 32 E 122-6 S 25-5 SW 123 m or l. Malott & Peterson vs Hoyt M Leshner and Marion Leventritt. \$190
pril 2, 1928—175 N SARGENT N 100xE 375 being Lot 21 Blk 15. City Land Assn Tract. San Francisco Lumber Co vs Margaret C and John Doe Drake and E Bixbee. \$276.42
pril 2, 1928—N LOBOS 30 and 60 E Orizaba Ave E 30xN 75. H H Roberts vs F C and Luella W Wolpert (2 liens). \$48 and \$125 respect.
pril 2, 1928—W VERMONT 75 S 18th S 25xW 100 Ptn P N Blk 105. H H Roberts to F C and Luella W Wolpert. \$26.50
pril 2, 1928—N FARALLONES 440, 415 and 390 E Orizaba E 25xN 125. Harry H Roberts vs F C and Luella W Wolpert (3 liens). \$48, \$48 and \$125 respectively
March 28, 1928—RHODE ISLAND 266 S 20th E 100 x S 25. Reinhart Lumber & Planning Mill Co vs M and James Doe Jabin. \$978.38
March 28, 1928—SW WALLER & Alpine W 59.0½ x S 73. W H Kirsten vs Georgic C and James E Raymond. \$1010.35
pril 3, 1928—E 22ND 122-6 E MISSION S 120 x E 23 Lot 32 Blk 3637 Assessor's Map. Frank M Blessing, Stephen Bacicco and Paul Ghirardelli as New Mission Sheet Metal Works vs T A Loftus, H Schwartz and Eloise Schwartz. \$77.50

RELEASE OF LIENS

San Francisco County

Recorded	Amount
pril 3, 1928—E HARTFORD 112-4 S 17th S 25 x E 125. S P and C Meda as Meda Art Tile Co to Thomas Sonntag.	
pril 2, 1928—NW GEARY AND 32ND Ave N 100xW 50. D Seghieri & Co, Inc; Hock & Hoffmeyer; Loop Lumber Co.; Tyre Bros Glass Co; Art Tile & Mantel Co; Robert O Starrett; Guilfoyle Cornice Works to Ella C and Louis Graham.	
March 31, 1928—N PRADO 161.028 E Scott E 37-6xN 60. M Schimitschek to Carl Beck.	
March 31, 1928—E THIRTY-THIRD Ave 100 N Taraval N 25xE 120. A J Ruhman and Co to Thomas C Walker.	
March 28, 1928—E PALM AVE 287 N Geary N 36.4 x E 120. Frank J Klimm and Smith Lumber Co of S F to Sidney and Helen L Zobel and M C Ingraham.	

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
804	Doyle	Hamill	12000
709	Gustafson	Owner	3500
710	Bouchet	Art	20000
711	Forsel	Owner	1500
712	Foss	Stolte	12270
713	Golden	Hopper	1800
714	Nugent	McCorkle	24000
715	Langley	Chicago	3500
716	Purnell	Wildy	1149
717	Lewis	Owner	8500
719	Canson	Owner	3500
720	Felt	Felt	4000
721	Gaughan	Owner	2900
722	Richoff	Owner	2500
718	Smith	Owner	9500
723	Clark	Owner	5000
724	Eggleston	Jacobs	6800
725	Holmes	Owner	8500
726	Garbrin	Valente	2900
727	Johnson	Johnson	6000
728	Johnson	Johnson	6000
729	Jones	Owner	47500
730	O'Donnell	Allan	2000
731	Richmond	Richmond	3200
732	East	Owner	1000
733	Harvick	Owner	3500
734	Johanson	Owner	7000
735	Hernan	Brown	1400
736	Goenig	Gaubert	4500
737	Parlin	Milton	2000
738	Peppin	Owner	4450
739	Garcine	Jackson	5100
740	Gates	Thornton	6000

741	Hershey	Stolte	13700
742	Peacock	Owner	18000
743	Stiefvater	Guyot	9500
744	Shutes	Reimers	2500
745	Ryan	Brown	8950
746	Ready	Schmidt	1500
747	Beiz	Owner	3200
748	Royd	Peterson	3000
749	California	Christensen	1000
750	Income	Heyer	150000
751	Johnson	Owner	1000
752	Norton	Owner	3000
753	Wallace	Owner	3500
754	Wedemeyer	Owner	3400
755	Whalen	Williamson	4150
756	Frederickson	Owner	7000
757	General	Owner	1500
758	Howard	Owner	2750
759	Jorgensen	Schmidt	1500
760	Lee	Owner	4000
761	Traver	Owner	3500
762	Carlson	Johanson	2500
763	Cochran	Owner	6800
764	Drayage	Harrett	9000
765	Jacobson	Windsor	8000
766	Oakland	Bishop	42945
767	Oakland	Bishop	43042
768	Oakland	Lesure	15400
769	Oakes	Owner	4000
770	Otto	Oakes	4000
771	Reidell	Owner	8000
772	Sheldon	Monroe	10000
773	Beadel	Owner	8000
774	Monroe	Owner	10000
775	Rintalg	Owner	2500
776	Anderson	Owner	6500
777	Berger	Flettner	2680
778	Chambers	Peters	2125
779	Duarte	Kurtz	14750
780	Figuroid	Silva	2200
781	Fageol	Leiter	8500
782	Gresker	Owner	3750
783	Gleim	Owner	1000
784	Parr	Owner	2500
785	Wolfe	Owner	3200

DWELLING

(709) 3323 STUART St., Oakland; 1-story 5-room dwelling and garage.
Owner—C. A. Gustafson, 2306 Flagg ave., Oakland.
Architect—None. \$3500

GARAGE

(710) W WEST St. 131 N 22nd st., Oakland; 1-story brick garage.
Owner—J. B. Bouchet, 800 22nd st., Oakland.
Architect—None.
Contractor—The Art Builders, 1927 Napa ave., Berkeley. \$20,000

ALTERATIONS

(711) 830 E-15TH ST., Oakland; alterations.
Owner—L. Forsel, 830 E-14th st., Oakland.
Architect—None. \$1500

DWELLING

(712) W KENWYN Rd. 150 N Prospect ave., Oakland; 2-story 8-room dwelling.
Owner—L. R. Foss.
Architect—Newsom Bros., Federal Realty Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna ave., Oakland. \$12,270

ADDITION

(713) 8829 E-14TH ST., Oakland; addition.
Owner—Golden State Theatre Corp., 988 Market st., S. F.
Architect—None.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley ave., Oakland. \$1800

APARTMENTS

(714) N EMERSON St. 100 E Excelsior ave., Oakland; 3-story 33-room apts.
Owner—Mrs. H. A. Nugent, 319 14th st., Oakland.
Architect—D. D. Stone, 354 Hobart st., Oakland.
Contractor—D. H. McCorkle, 319 14th st., Oakland. \$34,000

TOWER

(715) NINTH and Castro sts., Oakland; steel tank tower.
Owner—Langley & Michaels.
Architect—None.
Contractor—Chicago Bridge Iron Co. \$3500

ALTERATIONS

(716) 816 27TH ST., Oakland; alterations.
Owner—Dr. W. W. Purnell, Woolsey and California sts., Oakland.
Architect—None.
Contractor—G. J. Wildy, 2769 Acton st., Berkeley. \$1119

RESIDENCE

(717) 570 THE ALAMEDA, Berkeley; 2-story 7 room residence, stucco.
Owner—A. C. Lewis, 2165 Virginia st., Berkeley.
Architect—None. \$8500

RESIDENCE

(719) 1620 RUSSELL St., Berkeley; 1-story 6-room residence.
Owner—Joseph Canson, 1621 Julia st., Berkeley.
Architect—None. \$3500

RESIDENCE

(720) 694 COLUSA Ave., Berkeley; 2-story 6-room residence.
Owner—R. W. Felt, 1728 Channing way, Berkeley.
Architect—F. Sprow.
Contractor—Felt Bros. \$4090

RESIDENCE

(721) 1691 CORNELL Ave., 1-story 5-story 5-room residence.
Owner—W. H. Gaukhan, 1012 53rd st., Oakland.
Architect—H. B. Martin, 442 Noroell st., Albany. \$2900

ALTERATIONS

(722) 2335 Warning st., Berkeley; alterations.
Owner—Miss B. M. Richoff.
Architect—C. Deakin, 2083 Harrison st., Oakland. \$2500

DWELLING

(723) NW PROCTOR St. and Agnes st., Oakland; 1-story 6-room dwelling.
Owner—W. Clark, 5025 Sheridan rd., Oakland.
Architect—None. \$5000

STORES

(724) S FOOTHILL Blvd. 197 E Avenal ave., Oakland; 1-story brick stores.
Owner—C. P. Eggleston.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Contractor—Jacobs & Pattiani, 1737 Webster st., Oakland. \$6800

STORES

(725) S GRAND AVE. 150 W Mandana blvd., Oakland; 1-story concrete stores.
Owner—Harold Holmes, 374 17th st., Oakland.
Architect—McWethy & Greenleaf, Oakland. \$8500

DWELLING

(726) 461 49TH ST., Oakland; 1-story 2-room dwelling.
Owner—G. Garbrin.
Architect—None.
Contractor—M. E. Valente, 5118 Clarke st., Oakland. \$2900

DWELLING

(727) SE 78TH AVE. and Arthur st., Oakland; 1-story 5-room dwelling.
Owner—E. Johnson, 223 Greenbank ave., Piedmont.
Architect—None.
Contractor—L. Johnson & Son, 223 Greenbank ave. \$3000

DWELLINGS

(728) S ARTHUR St. 67-137 E 78TH Ave., Oakland; two 1-story 5-room dwellings.
Owner—E. Johnson, 223 Greenbank ave., Piedmont.
Architect—None.
Contractor—L. Johnson & Son., 223 Greenbank ave.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, RenoSACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

APARTMENTS

(729) SE 35TH AVE. and Redding st., Oakland; 3-story 48-room apts.
Owner—O. E. Jones and H. Andler Bldrs. Exchange Bldg., Oakland.
Architect—R. G. DeLappe, 1710 Franklin st., Oakland. \$47,500

DWELLING

(730) 1729 28TH AVE., Oakland; 1-story 4-room dwelling.
Owner—M. O'Donnell, 1729 28th ave., Oakland.
Architect—None.
Contractor—Martin Allan, 3876 Ardmore ave., Oakland. \$2000

DWELLING

(731) 4532 TULIP St., Oakland; 1-story 5-room dwelling and garage.
Owner—Richmond & Whitmore, 2196 Harrison ave., Oakland.
Architect—None.
Contractor—A. E. Richmond, 2196 Harrison ave., Oakland. \$3200

Correction in owner's name and location

RESIDENCE
(718) 655 SAN LOUIS Rd., Berkeley; 2-story 8-room residence.
Owner—R. K. Schmidt, 1139 Euclid ave., Berkeley.
Architect—None. \$9500

STORE

(732) 2181 GROVE St., Berkeley; 1-story store.
Owner—East Bay Freizer Co., 1744 Broadway, Oakland.
Architect—None. \$1000

RESIDENCE

(733) 1445 VIRGINIA St., Berkeley; 1-story 5-room residence.
Owner—S. Haavick, 1025 Morton ave., Alameda.
Architect—None. \$3500

RESIDENCE

(734) 1685 SCENIC Ave., Berkeley; 2-story 8-room 2-family residence.
Owner—E. Johanson, 2366 Virginia st., Berkeley.
Architect—None. \$7000

ALTERATIONS

(735) 418 15TH ST., Oakland; alterations.
Owner—G. P. Herman.
Architect—None.
Contractor—Henry Brown, 1737 E-32nd st., Oakland. \$1400

DWELLING

(736) 6739 MANOR Crest, Oakland; 1-story 6-room dwelling.
Owner—Max W. Koenig.
Architect—None.
Contractor—M. Gaubert, 4735 Brookdale ave., Oakland. \$4500

DWELLING

(737) S WALNUT Ave. 633 W 55th ave., Oakland; 1-story 5-room dwelling.
Owner—John A. Parlin, 5406 El Camille ave., Oakland.
Architect—None.
Contractor—V. E. Milton, 9819 Derby st., Oakland. \$3000

DWELLING

(738) 2614 56TH Ave., Oakland; 1-story 5-room dwelling and garage.
Owner—J. B. Peppin, 1736 Franklin st., Oakland.
Architect—None. \$4450

RESIDENCE

(739) NO. 78 OAKMONT, Piedmont.
One-story 5-room frame residence and garage.
Owner—L. E. Garcine, Central National Bank Bldg., Oakland.
Architect—L. R. Vernon, 1845 E-23rd St., Oakland.
Contractor—Helen Jackson, 1845 E-23rd St., Oakland. \$5100

RESIDENCE

(740) NO. 1173 HARVARD ROAD, Piedmont. One-story 6-room frame residence and garage.
Owner—A. W. Gates, 319 Richfield Oil Bldg., Oakland.
Architect—None.
Contractor—O. W. Thornton, 319 Richfield Oil Bldg., Oakland. \$6000

RESIDENCE

(741) NO. 144 ST. JAMES DRIVE, Piedmont. Two-story 7-room frame residence and garage.
Owner—Phillip Hershey, Central Bank Bldg., Oakland.

Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland. \$13,700

RESIDENCE
(42) NO. 76 CAMBRIAN WAY, Piedmont. One and one-half-story eight-room frame residence and garage.
Owner—Fred I. Peacock, 2015 Woolsey St., Berkeley.
Architect—None. \$18,000

RESIDENCE
(43) NO. 531 MAGNOLIA AVE., Piedmont. Two-story 8-room residence and garage.
Owner—L. E. Stiefvater, 1034 Harvard Road, Piedmont.
Architect—None.
Contractor—Victor Guyot, 5829 Virmar St., Oakland. \$9500

ALTERATIONS
(44) NO. 62 LAKE VIEW AVE., Piedmont. Alterations.
Owner—Dr. M. H. Shutes, Premises.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
Contractor—L. H. Reimers, 745 Walla Vista Ave., Piedmont. \$2500

RESIDENCE
(45) NO. 602 SAN LOUIS ROAD, Berkeley. Two-story 7-room 1-family residence and garage.
Owner—J. A. Ryan, 1836 Sonoma Ave., Berkeley.
Architect—E. L. Snyder, Berkeley.
Contractor—B. M. Brown, 1531 Blake St., Berkeley. \$8950

ALTERATIONS
(46) NO. 139 PARKSIDE DRIVE, Berkeley. Alterations.
Owner—Lester Ready.
Architect—None.
Contractor—R. K. Schmidt, 1139 Euclid Ave., Berkeley. \$1500

(47) 3137 WISCONSIN ST., Oakland, one-story 5-room dwelling.
Owner—W. R. Betz, 333 W. Braodmoor, San Leandro.
Architect—None.
Contractor—Owner \$3300

(48) 3850 LYMAN ROAD, Oakland, one-story 51room dwelling.
Owner—J. M. Boyd, 3841 Fruitvale ave., Oakland.
Architect—None.
Contractor—Wm. A. Peterson, 3862 Lyman Road, Oakland. \$3000

ALTERATIONS.
(49) SE TWELFTH ST., W 22nd ave., Alterations.
Owner—California Wire Cloth Co., 1001 22nd ave., Oakland.
Architect—None.
Contractor—H. J. Christensen, 519 Ray Bldg., Oakland. \$1000

THEATRE.
(50) SE SEVENTEENTH ST., 100 W Telegraph Ave., Oakland. Concrete Theatre.
Owner—Income Properties of California, No address.
Architect—Weeks & Day, San Francisco.
Contractor—Chas. W. Heyer, Jr., Mills Bldg., San Francisco. \$150,000

ADDITION.
(51) 2855 62ND AVE., Oakland. Addition.
Owner—W. H. Johnson, 2855 62nd Ave., Oakland.
Architect—None.

APARTMENTS.
(52) E EIGHTH AVE., 200 S Ivy Drive, Oakland. three-story, 36-room apartments.
Owner—H. A. Norton, 1501 Cavanaugh Road, Oakland.
Architect—None.
Contractor—Owner \$30,000

DWELLING.
(753) N CAMDEN ST., 115 W Madera Ave., Oakland. One-story 5-room Dwelling.
Owner—C. M. Wallace, 250 W Broadmoor Blvd., San Leandro.
Architect—None.
Contractor—Owner \$3500

DWELLING.
(754) 3142 WISCONSIN ST., One-story 5-room dwelling and 1-story Garage.
Owner—W. C. Wedemeyer, 3010 San Jose Ave., Alameda.
Architect—None.
Contractor—Owner. \$3300 & 100

DWELLING
(755) S WOOLSEY ST., 128 W Deakin St., One-story 5-room Dwelling & 1-story Garage.
Owner—J. F. Whalen, 324 Warwick Ave. Oakland.
Architect—None.
Contractor—E. M. Williamson, Oakland. \$3950 & \$200

DWELLING
(756) NO. 3015 GIBBONS DRIVE, Alameda. One-story 6-room cement plaster finish dwelling.
Owner—Karl S. Fredrickson, 1512 Hampel St., Oakland.
Architect—None. \$7000

ADDITION
(757) N END SCHILLER ST., Alameda. Add to mill building.
Owner—General Engineering & Drydock Co., Premises.
Architect—None. \$1500

DWELLING
(758) NO. 1514 1/2 SANTA CLARA AVE., Alameda. One-story 4-room stucco finish dwelling.
Owner—C. C. Howard, 1543 Santa Clara Ave., Alameda.
Architect—W. W. Dixon, 1842 Park Blvd., Oakland. \$2750

(759) NO. 1621 WEBSTER ST., Alameda. Alterations.
Owner—Peter Jorgensen, 511 Haight Ave., Alameda.
Architect—None.
Contractor—B. H. Schmidt, 2237 E-19th St., Oakland. \$1500

DWELLING
(760) NO. 1817 YALE DRIVE, Alameda. One-story 6-room stucco finish dwlg.
Owner—Samuel Lee, 1500 Versailles Ave., Alameda.
Architect—None. \$4000

DWELLING
(761) NO. 330 HAIGHT AVE., Alameda. Owner—C. L. Traver, 2315 Santa Clara finish dwelling.
Owner—C. L. Traver, 2315 Santa Clara Ave., Alameda.
Architect—None. \$3500

DWELLING.
(762) 1320 E TWENTY-FIRST Street, Oakland, 1-story, 4-room dwelling.
Owner—John Carlson, Oakland.
Architect—None.
Contractor—K. A. Johanson, 2429 13th Ave., Oakland \$2500

DWELLING.
(763) S. W. Cor. HILLCREST & Canon View Lane, Oakland, One-story 6-room dwelling.
Owner—C. F. Cochran, 3323 Galindo St., Oakland.
Architect—None.
Contractor—Owner. \$6800

WAREHOUSE
(764) N E Cor. 18th & CAMPBELL Sts., Oakland. One-story Brick Warehouse.
Owner—Drayage Service Corporation, Oakland.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., Oakland \$9000

FLATS.
(765) W PARK BLVD., 230 S Hollywood Blvd., Oakland. Two-story 8-room Flats.
Owner—Miss N. Jacobson, 4023 Park Blvd., Oakland.
Architect—Slocome & Tuttle, 337 17th St., Oakland.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland \$8000

SCHOOL.
(766) N BRANN ST., 120 E Morcom Ave., Oakland. One-story Brick School.
Owner—Oakland Public Schools, Oakland
Architect—J. I. Easterly, 337 17th St., Oakland.
Contractor—J. B. Bishop, 587 Athol Ave., Oakland. \$42,945

SCHOOL.
(767) N KRAUSE ST., 200 E Church St., Oakland. One-story Brick School Bldg.
Owner—Oakland Public Schools.
Architect—J. I. Easterly, 337 17th St., Oakland.
Contractor—J. B. Bishop, 587 Athol Ave., Oakland. \$43,042

SCHOOL BUILDING
(768) N W COR. CONGRESS & YGNACIO AVES., Oakland; 2S School. Owner—Oakland Public Schools, no address.
Architect—J. I. Easterly, 327 17th St., Oakland.
Contractor—E. T. Lesure, 87 Ross Circle, Oakland. \$15,400

DWELLING
(769) 5401 BRANN ST., Oakland; 1S 5-room dwelling.
Owner—T. J. Oakes, 3918 14th Ave., Oakland.
Architect—None.
Contractor—Owner. \$4000

DWELLING
(770) 5345 BRANN ST., Oakland; 1S 5-room dwelling.
Owner—W. C. Otto, 3863A Greenwood Ave., Oakland.
Architect—None.
Contractor—T. J. Oakes, 3918 14th Ave., Oakland. \$4000

RESIDENCE
(771) 1915 THOUSAND OAKS BLVD., Berkeley, Alameda Co., Cal., 2-story frame and stucco residence (7-rooms)
Owner & Builder—Beadell & Lane, 909 Spruce St., Berkeley.
Architect—W. W. Dixon, 1842 5th Ave., Oakland. \$8000

RESIDENCE
(772) 515 ARLINGTON AVE., Berkeley, Alameda Co., Calif.; 2-story frame and stucco residence (7-rooms).
Owner—Dr. H. W. Sheldon, Arlington Ave., Berkeley.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. \$10,000

RESIDENCE
(773) NO. 1915 THOUSAND OAKS Blvd., Berkeley. Two-story 7-room 1 family residence.
Owner—Beadell & Lane, 909 Spruce St., Berkeley.
Architect—W. W. Dixon, 1842 5th Ave., Oakland. \$8000

RESIDENCE
(774) NO. 515 ARLINGTON AVE., Berkeley. Two-story 7-room 1-family residence.
Owner—J. W. Monroe, 5538 Claremont Ave., Oakland. \$10,000

RESIDENCE
(775) NO. 2333 CURTIS ST., Berkeley. One-story 5-room 1-family residence
Owner—J. Rintalg, 2335 Curtis St., Berkeley.
Architect—A. Johnanson, 1357 Northside Ave., Berkeley. \$2500

DWELLING
(776) 825 MCKINLEY Ave., Oakland; 1S 6-room dwelling.
Owner—A. E. Anderson, 651 Kenwyn Rd., Oakland.
Architect—None. \$6500

DWELLING
(777) 3434 E 18th St., Oakland; 1 story 3 room dwelling.
Owner—Katherine Berger, no address.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland. \$2650

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

DWELLING & GARAGE
(778) 1161 6th Ave., Oakland 1-story 1-room dwelling and 1-story garage.
Owner—J. F. Chambers, 727 11th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 916 Erie St., Oakland \$200 and \$12.

DWELLING
(779) W. SUNNYHILLS RD., 200 S Van Sicken Pl., 2-story 11-room dwelling.
Owner—W. S. Duarte, San Leandro.
Architect—Williams & Wastell, 371 17th St., Oakland.
Contractor—E. A. Kurtz, 364 41st St., Oakland \$11,750

DWELLING
(780) W 18th AVE., 140 NE 19th St., 1-story 1-room dwelling.
Owner—A. J. Figruid, 1746 E 19th St., Oakland.
Architect—None.
Contractor—J. M. Silva, 2869 Ford St., Oakland \$2,200

(781) 167th AVE & HOLLYWOOD Blvd., Oakland; addition.
Owner—Fargo Motor Co., 107th Ave. and Hollywood Blvd., Oakland.
Architect—None.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland \$8,500

DWELLING
(782) SW COR 75th Ave and HILLSIDE St., 1-story 5-room dwelling.
Owner—K. Glesker, 7967 Hillside St., Oakland.
Architect—None. \$25,000

ALTERATIONS
(783) 4725 WILKIE St., Oakland.
Owner—Glenn Waters, 4712 Tompkins St., Oakland.
Architect—None. \$1,000

REPAIRS
(784) FRONT ST., bet. 7th and 9th Sts., Oakland, repairs.
Owner—Parr Terminal Co., premises.
Architect—None. \$25,000

DWELLING and GARAGE
(785) 5519 WALNUT AVE., Oakland, 1-story 5-room dwelling and 1-story garage.
Owner—Wm. Wolfe, 2592 55th Ave., Oakland.
Architect—None. \$2,000 and \$200

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
103	American	Ray	2250
104	American	Hillam	504
105	American	Swanstrom	3150
106	Langley	Zelinsky	3895
107	Twentieth	Judson	—
108	Twentieth	Judson	—
109	Berger	Flittner	2680
110	Johnson	Ferris	985

BANK
(103) 346 EAST 18TH ST. Int. NE line East 18th st. with N bdy line property belonging to Maxwell P Brash, Oakland; install cabinet work in bank bldg.

Owner—American Trust Co., 14th and Broadway, Oakland

Architect—None.
Contractor—Ray City Cabinet Co., 1076 5th, Oakland.

Filed Mar. 29, 1928. Dated Mar. 26, 1928
1st of month 75%
36 days after acceptance 25%

TOTAL COST \$2250
Bond \$1125; surety, Indem. Ins. Co. of North America; limit, forfeit, none; plans and spec. filed.

(104) LATHING & PLASTERING ON above.
Contractor—A. J. Hillam, 354 Hobart, Oakland.
Filed Mar. 29, 1928. Dated Mar. 26, 1928
Payments same as above.
TOTAL COST \$504
Bond \$202; surety, Indem. Ins. Co. of N. A.; limit, forfeit, none; plans and spec. filed.

(105) EXCAVATING, SHORING, CONCRETE, reinf. steel and carpenter work on above.
Contractor—George W. Swanstrom, 1723 Webster St., Oakland.
Filed Mar. 29, 1928. Dated Mar. 26, 1928
Payments same as above.
TOTAL COST \$3150
Bond \$1575; surety, Indem. Ins. Co. of N. A.; forfeit, limit, none; plans and spec. filed.

Bond \$1575; surety, Indem. Ins. Co. of N. A.; forfeit, limit, none; plans and spec. filed.

WAREHOUSE
(106) SW NINTH and Castro sts., Oakland, painting on bldg.
Owner—Langley & Michaels Co., 50 1st St., S. F.
Architect—Henry H. Meyers, 1172 61st St., Oakland.
Contractor—Clinton Const. Co., S. F.
Sub-contractor—A. A. Zelinsky Co., S. F.

Filed March 29, 1928. Dated Mar. 22, 1928
10th of each month 75%
Usual 35 days 25%

TOTAL COST \$3895
Bond, limit, forfeit, none; no plans or spec. filed.

STORE
(107) BROADWAY, Telegraph and 20th st., Oakland; delivery of structural steel for class A department store bldg.
Owner—Twentieth & Broadway Realty Co., Oakland.
Architect—Ashley Evers & Hays, 525 Market St., S. F.

Contractor—Judson-Pacific Co., 609 Mission St., S. F.
Filed Mar. 30, 1928. Dated Mar. 29, 1928
1st and 15th of month, plain material \$10 per ton delivered.

10th and 25th of each mo, fabricated material \$17 per ton delivered.
Bal. 35 days after all delivery.

TOTAL COST \$—
Bond, 136,202.50; surety, Pacific Indem. Co.; limit, Sept. 1, 1928; forfeit, none; plans and spec. filed.

(108) ERECTION OF FABRICATED steel frame on above.

Contractor—Judson-Pacific Co.
Filed March 30, 1928. Dated Mar. 29, 1928
10th and 25th of month 75%
Usual 35 days 25%

PER TON NET \$16.50
Bond \$25,475; surety, Pacific Indem. Co.; limit, Oct. 1, 1928; forfeit, none; plans and spec. filed.

BUNGALOW
(109) N E-EIGHTEENTH ST. 224 E Thirty-fourth Ave., Oakland. All work for three-room bungalow.
Owner—Katharina Berger, 501 Butterfield Road, San Anselmo.

Architect—None.
Contractor—Joseph Flittner, 1700 35th Ave., Oakland.

Filed April 2, 1928. Dated Mar. 31, 1928
Frame up \$674.50
1st coat plaster on 670.00
When completed 670.00
Usual 35 days 670.00

TOTAL COST, \$2680.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ADDITION
(110) NO. 2855 SIXTY-SECOND AVE., Oakland. All work for addition to present building.
Owner—H. D. Johnson, Premises.
Architect—None.

Contractor—Chas. M. Ferris, 2756 78th Ave., Oakland.
Filed April 3, '28. Dated Mar. 31, '28.
Ready for plaster \$492.50
When completed 246.25
Usual 35 days 246.25
TOTAL COST, \$985.00
Bond, limit, forfeit, plans and specifications, none.

COMPLETION NOTICES

Alameda County

March 29, 1928—LOT 26 ROCK Island Tct, Berkeley. J R Langtry to whom it may concern. Mar. 27, 1928

March 29, 1928—2645 BENVENUE Ave Berkeley. Herman A Schoening to whom it may concern. March 29, 1928

March 29, 1928—LOT 19 BLK Q, Toler Heights, Oakland. W H Pollard to Charles W Griffith. March 29, 1928

March 28, 1928—LOT 331 BLK S, Fernside, Alameda. Peter Rock to George Windsor. March 26, 1928

March 28, 1928—PTN LOT 7 BLK B, County Club Acres, Oakland. Lulu A Brown and Mary C Arnold to Fee Bros. March 23, 1928

March 28, 1928—SE LINE MIDVALE ave and SW line Hopkins st, Oakland. J W Bingham to J B Peterson. March 26, 1928

March 27, 1928—676 HILGIRT Circle, Oakland. G W Liesz to K O Rodning. March 26, 1928

March 27, 1928—2717 10TH AVE, Oakland. Marcella R Schaller to George Bettencourt. Feb. 4, 1928

March 27, 1928—S 5TH AVE 932.26 W E-14th st, Oakland. Pac Tel & Tel Co to W G Thornally. March 18, 1928

March 31, 1928—LOT 16 & PTN LOT 17 blk 20, McGee Tct, Berkeley. A Jensen to whom it may concern. March 30, 1928

March 31, 1928—LOT 18 BLK 3, Cragmont, Berkeley. B M Paul to whom it may concern. March 24, 1928

March 31, 1928—SW 17TH and CLAY sts, Oakland. Pac Gas & Elec Co to Standard Elec Sign Corp. Mar. 23, 1928

March 31, 1928—SW GROVE and Addison sts., Berkeley. H M and Ethel T Packard to whom it may concern. March 31, 1928

March 31, 1928—LOTS 70-71 BLK 2, Regents Park map No 4, Albany. Philomena M Morgan to Anderson & Guay. March 21, 1928

March 31, 1928—2356 50TH AVE, Oakland. C A Gustafson to whom it may concern. March 31, 1928

March 31, 1928—3266-68-72 ADELIN St, Berkeley. Grant M Smith to L R Wilson. March 31, 1928

March 30, 1928—2958 CALIFORNIA St Berkeley. Germain J and Maria Vergnes to Geo M Merritt. March 26, 28

March 30, 1928—940 MANTHEY AVE, San Leandro. Guy W Jury to whom it may concern. March 29, 1928

March 30, 1928—680 BLAIR AVE, Piedmont. John B and Mrs John B Kaiser to S B Davis. March 22, 1928

March 30, 1928—943 SPRUCE ST, Berkeley. Sam Steindel to S Steindel. March 28, 1928

March 30, 1928—TELEGRAPH AVE & Channing way, Berkeley Leasing & Realty Co to E A Anlof. March 27, 1928

March 30, 1928—823 SANTA FE AVE, Albany. E J Royce to whom it may concern. March 23, 1928

April 3, 1928—1835 HOPKINS ST., Oakland. W G Roberts to Andrew R Gow. April 2, 1928

April 3, 1928—S E COR 9th and WEBSTER Sts., Oakland. J Rohan to Wm J McCormick. April 2, 1928

April 3, 1928—949 39th ST., Oakland. L. Pagliano to Harvey Blair & Co. April 2, 1928

April 3, 1928—1445 HAVENSCOURT BLVD., Oakland. Mrs Jack I Landers to J I Landers. April 3, 1928

April 3, 1928—LOT 19 BLK 11, "North Cragmont", Berkeley. Roland I Stringham to Heath & Wendt. March 30, 1928

April 2, 1928—NW ENTRADA & PIEDMONT ayes, Oakland. John R. Bowdish Jr. to Sommerston Bros Co. March 30, 1928

April 2, 1928—2423 LAGUNA ave., Oakland. John and Andrew Fleming to whom it may concern.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

April 2, 1928—PTN LOT 3 BLK D, "Piedmont Knoll", Oakland. Leo J Dolan to whom it may concern. March 29, 1928
April 2, 1928—1155 HOPKINS ST., Berkeley. Antonio Ceridono to C. P. Earl. March 17, 1928

LIENS FILED

Alameda County

March 28, 1928—LOT 2 BLK 22 Northbrae, Berkeley. Marcus & Marrick vs S R and Enrichetta K Marshall. \$72.22
March 28, 1928—SW PTN OF 535 Acre lot desc'd in deed Realty Syndicate to June Lelley Wadey and husband dated Nov 22, 1921, rec'd in book 138 O R 136. Oakland. Marcus & Marrick vs Harry A Watson and A Jerome Raymond. \$100.78
March 28, 1928—2200 DWIGHT WAY. Tilden Lumber Co vs C L Van Meter and Victor Gede. \$171.11
March 28, 1928—PTN SUB NO 1 Survey No 824 for Henry C Lee Esq 100 acre tct. Oakland twp. E K Wood Lumber Co vs N H E Clark May E Clark. \$382.31
March 28, 1928—NE BROOKLYN AVE and Zorah St, Oakland. Home Fixture Builders vs George C and Ada E Sivley, H A and Ethel Norton. \$351
March 28, 1928—6066 ESTATES Drive, Oakland. Oakland Stair Bldg Co vs Robert F and Helen Watson, M O Stone. \$30
March 28, 1928—LOT 2 BLK 22, Northbrae, Albany. Hager Sash & Door Co vs F R and Enrichetta Marshall. C E Rednours. \$479
March 28, 1928—2200 DWIGHT WAY. Berkeley. M Friedman & Co vs C L Van Meter. \$139.01
March 31, 1928—LOT 7 BLK D Country Club Acres, Oakland. J V Short vs Pauline G Smith, C Victor Smith. \$3225

March 31, 1928—PTN LOT 1 BLK I, Montclair Estates, Oakland. Garrett Mill & Lumber Co vs Helen A Watson. A J Raymond, M O Stone. \$744.81
March 31, 1928—SW DOWLING BLVD and East Merle Ct, San Leandro. Neighbor's Lumber Yard vs Hazel S and F J Anderson. \$203.14
March 30, 1928—PTN LOTS 22 & 23, Northbrae Park, Berkeley. Wm J Shore vs L G McCausland, H W McCausland. \$157

March 29, 1928—LOTS 5 & 7 BLK E, Mulford Gardens, San Leandro. Tynnan Lumber Co vs Chas H Collins, F N Prothero. \$72.22
March 29, 1928—6167 MAURITANIA AVE, Oakland. W E Wilson vs H A Smith. \$274

March 29, 1928—SE DWIGHT WAY & Fulton St, Berkeley. Waterfront Sash & Door Co vs C L Van Meter, Mary R Van Meter and Victor R Gede. \$1459.1

March 29, 1928—PTN LOT 12 BLK 1454 Berkeley pty maps Nos 1 & 2 Blake Tct, Berkeley. F J Everitt vs C L Van Meter and Victor R Gede. \$403.3

March 29, 1928—PTN LOT 12 BLK 1454 Berkeley pty maps Nos 1 & 2 Blake Tct, Berkeley. Richmond Sanitary Co vs C L Van Meter and Victor R Gede. \$1449.73

April 3, 1928—PTN OF SUBDIV No 1 "Survey No 824 of Henry C Lee Esq 100 Acre Tract", Oakland. Maxwell Hardware Co. vs N H E Clark and May E Clark. \$127.17

April 3, 1928—890 DOWLING BLVD., San Leandro. Claude R Montgomery vs F J Anderson and Hazel Anderson. \$40

April 2, 1928—LOTS 26, 27 and 28, BLK 4, "Amended map of Hopkins Terrace map No 4", Berkeley. John Norris vs George P Manchester. \$2214.52

April 2, 1928—SW EAST MERRITT COURT and DOWLING BLVD, San Leandro. J N Jensen vs F J Anderson. \$10

April 2, 1928—SW DOWNING BLVD and EAST MERLE COURT, San Leandro. Murphy & Murphy vs T J and Hazel Anderson. \$34.50

April 2, 1928—NW DOWLING BLVD and EAST MERLE COURT, Oakland. John Lindsey vs F J and Hazel Anderson. \$64.50

RELEASE OF LIENS

Alameda County

March 30, 1928—LOTS 1 & 2 GARCIA Homestead Subdiv. San Leandro. A W Halk, \$2108.08, \$1138.73, \$85.84; Pacific Mfg Co, \$1716; Herrick Iron Wks, \$801.99; W P Fuller & Co, \$2212.43; M and S Tile Co, \$121.38; to A C Ostrom.
March 30, 1928—LOTS 1 & 2 GARCIA Homestead Subd., San Leandro. Frank Lopes, \$3124.85; Scott Co, \$775; Disappearing Screen Shade Co Inc, \$380.50; Central Bldg Material Co, \$601.07; Tilden Lumber & Mill Co, \$4141.52; Detroit Steel Products Co, \$500; to A C and G T Ostrom, Ostrom Bros.
March 29, 1928—S CHESTNUT St 304.50 S Delaware St, Berkeley. Bowman Hardwood Co to H H Hendricksen, R H Bradshaw. \$68.30
March 28, 1928—NW ADDISON and Acton sts, Berkeley. Jas A Davis Co to Annie Gutzen, J J Kirth. \$368.42

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

BUILDING
LOT 16 BLK 13, Burlingame Hills. All work for one-story building.
Owner—W. B. Vaughn et al.
Architect—Charles S. Thompson.
Contractor—T. J. Broderick, Burlingame
Filed March 23, '28. Dated March 7, '28.
Frame up\$1600
Brown coated 1600
Completed 1600
Usual 35 days 1500
TOTAL COST, \$6300
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$7000; Lot 1 resub 216 Costa Rica S. M. Park, San Mateo; owner, D. Houle, 1224 Bellevue, San Mateo.
ALTERATIONS, \$3500; Lot 6, 55 West Poplar, San Mateo Park; owner, John E. Webster, 1537 Drake ave., Burlingame; C. Bessett, 826 Walnut st., Burlingame.
APARTMENTS, 2-story frame and garages, \$15,000; The Crescent and Mt. Diablo cor 52 of lot 20, blk 18, San Mateo; owner, Dorothy Blayne, 71 9th ave.; contractor, Harry Kime, 118 12th ave.
BUNGALOW and garage, \$6000; Clark dr, 70 of lot 260, S. M. Park, San Mateo; owner, D. Houle, 1224 Bellevue ave.
BUNGALOW, \$5000; Clark dr, 70 of lot 260 S. M. Park, San Mateo; D. Houle, 1224 Bellevue.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

RESIDENCE
LOT 5 BLK 153-A, Pebble Beach. All work for one-story residence.
Owner—Mrs. Isabel L. Nicholzen, Pebble Beach.
Architect—Guy O. Koepf, Carmel.
Contractor—Dowsett-Ruhl Co., Carmel.
Filed March 24, '28. Dated March 22, '28.
Studding erected\$
Rough plaster completed inside and out
Residence completed
Usual 35 days
TOTAL COST, \$13,130
Bond, limit forfeit, none. Plans and specifications filed.

BUILDING PERMITS

REDWOOD CITY

DWELLING, 1-story concrete, \$3500; 331 Lowell st, Redwood City; owner, Jefferson & Parker; contractor, C. E. Jefferson.
TWO STORES, 1-story reinforced concrete, cost \$11,755; 54-56 Broadway,

Redwood City; owner, August Fromm, Main st; architect, Birge Clark, 600 Embarcadero, Palo Alto; contractor, Daley Bros., Inc.
DWELLING, 1-story frame dwelling, \$5000; 130 Iris st., Redwood City; owner, Lester E. Coy, 232 Vera ave.; contractor, T. S. Karp, 12 Woodrow ave.
STORE, 1-story concrete, \$3750; 10 Linden st., Redwood City; owner, Thos. Crittenden; contractor, L. S. Suddjian, 1401 Roosevelt ave.
DWELLING, one-story frame, \$3000; No. 159 Bonita Ave., Redwood City; owner, Cesera Pastorino.

BUILDING PERMITS

BURLINGAME

STORE building, \$15,000; West half of lot 3 blk. 11, Burlingame ave; owner, Harry B. Allen, Inc., Burlingame ave.
BUNGALOW and garage, \$6000; lot 11, blk. 6 Poppy drive, Burlingame; owner, W. Pirrie; contractor, W. Swift.
BUNGALOW and garage, \$5000; lot 9 blk. 5, Winchester rd., Burlingame; owner, I. Sorensen.

BUILDING PERMITS

STOCKTON

REMODEL basement, \$3000; 40 S California, st., Stockton; owner, W. J. Armanino, 1428 N Madison, Stockton; contractor, Peter L. Sala, 2130 N Commerce, St., Stockton.
SHED, \$2500; 48 N Wilson Way, Stockton; owner, Fisher Brothers Lumber & Mill Co., Wilson and Weber Sts., Stockton.
REMODEL, \$3500; No. 325 E-Miner St., Stockton; owner, E. R. Whale, 655 N-Regent St., Stockton; contractor, F. M. Liscum, 327 W-Park St., Stockton.
RESIDENCE, duplex, and garage, \$3900; No. 1330 S-American St., Stockton; owner, Helen Reynolds; contractor, P. C. Hunt, Minerva Ave., Stockton
SERVICE station, \$1000; No. 1706 N-Pacific St., Stockton; owner, Dr. Margaret H. Smyth, N-California St., Stockton.

BUILDING PERMITS

FRESNO

DWELLING, \$2750; No. 1545 Roosevelt Ave., Fresno; owner, H. J. Kieth, Fresno.
BUILDING, \$7000; No. 3306 Tulare Ave., Fresno; owner, California Pine Box District, Fresno.

BUILDING PERMITS

SACRAMENTO COUNTY

RESIDENCE, 5-room and garage, \$4000; No. 3764 Y St., Sacramento; owner, A. R. Greeman, 4041 11th Ave., Sacramento.
RESIDENCE, 6-room and garage, \$4000; No. 3901 Miller Way, Sacramento; owner, C. E. Orwig, 2600 O St., Sacramento.
RESIDENCE, 5-room and garage, \$4500; No. 1634 37th St., Sacramento; owner, C. C. Ruby, 4616 F St., Sacramento.
RESIDENCES (2) 5-room and garages, \$7500; No. 4525-4533 D St., Sacramento; owner, W. L. Martin, 3724 Pacific Way, Sacramento.

BUILDING PERMITS

MARTINEZ

BUNGALOW, one-story 4-room frame and stucco, \$3000; owner, Victor Remorini, Martinez; designer and contractor, Chas. Volpi, 404 Jones St., Martinez.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
March 22, 1928—LOT 16 BLK 7 Good-year Tract, San Jose. D. Didomenico et al. March 20, 1928
March 22, 1928—BLDG NW LUPTON

Av. 140 ft S Minnesota Ave. (Wil-
low Glen, Cal.) Tillie Clint.

March 19, 1928

March 22, 1928—CENTER RADIO Ave.
197 ft NW of Center Lincoln Court,
San Jose. Grace Curry

March 21, 1928

March 22, 1928—N FOREST COURT
Extension 192 ft W Ashby Ave N
189.9 ft x West 48 ft. Palo Alto. John
Lukkonen et al

March 20, 1928

March 23, 1928—S 75 LOT 30 Kellogg
Tract, San Jose. Geo. E. Batten.

March 20, 1928

March 23, 1928—SE PAGE-MILL RD
& El Camino Real, PTS LOT 1 BLK
1 Sunnyvale Addn, Palo Alto. John
W. Bell.

March 21, 1928

March 24, 1928—CITY HALL Site BLK
13, Palo Alto. City of Palo Alto.

February 20, 1928

March 26, 1928—CENTER MATHILDA
Ave and line bet. Lots 22 and 23 Blk
15 Sunnyvale, San Jose. Lee I.
Jones.

March 22, 1928

March 26, 1928—N WASHINGTON ST
80 E from SW cor Lot No 76 V A
Hancock Subd. No. 1, San Jose. C.
Telgland.

Feb. 14, 1928

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted

March 22, 1928—FAIRFAX. Smith &

Jackson to whom it may concern

March 21, 1928

March 22, 1928—FAIRFAX. Smith &

Jackson to whom it may concern

March 21, 1928

March 22, 1928—FAIRFAX. John

Leonard to whom it may concern

March 21, 1928

March 26, 1928—MILL VALLEY. Chas

Malosetti to Harry Kidd March 15, '28

March 26, 1928—SAN ANSELMO.

Henry Nelson to whom it may con-

cern March 24, 1928

March 26, 1928—NEAR FAIRFAX. The

Meadow Club of Tamalpais to H

Eklund (electrical work). Mar. 15, 1928

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

March 21, 1928—LOT 64, Oak Ridge.

James R. Page to whom it may con-

cern March 11, 1928

March 26, 1928—LOT 20 BLK 4, Vina

Vista. Verneda C. Watrous to whom

it may concern March 17, 1928

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted

March 21, 1928—LOT 26 and SE ¼ Lot

25 Blk 8, Geil, Lang & Kessel's Ad-

dition to Salinas City. C. L. Nance

to whom it may concern Mar. 20, '28

March 26, 1928—LOTS 7, 8 AND 9 W

75 Lot 10 Blk 72, Carmel-by-the-Sea

City of Carmel-by-the-Sea to M. J.

Murphy March 21, 1928

March 27, 1928—S 7 FT. LOT B and

all Lots C and D Blk 2, Map of

Salinas City known as Sherwood &

Hellman Addition. D. Francis to H. H.

Wimmer & Co. March 22, 1928

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

March 27, 1928—LOTS 46 AND 49 BLK

4, Torrance Terrace, Fresno. Frank

Winchester to whom it may concern

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

March 22, 1928—LOTS 26 AND 27

Part Lot 28 Blk 19, San Bruno Park.

San Bruno Lumber & Supply Co. vs

Charles S. Mabrey Co. \$2977.35

March 23, 1928—LOT 12 BLK 16, Crook-

er Estate Tract, San Mateo. P. E.

Depooli, \$70; H. H. Smith, \$952.05 vs
E. H. Mills et al.

LIENS FILED

FRESNO COUNTY

Recorded Amount

March 27, 1928—LOT 9 N 5-6 LOT 8

Blk 1, Spinks Addition, Selma. C. M.

Kenyon vs M. E. Corbett. \$2

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

March 14, 1928—HOMESTEAD, San

Mateo. San Mateo Planing Mill to

Katie Kurucz et al. \$806.

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount

March 26, 1928—LOT 2 BLK 151, Map

Fourth Addition to Pacific Grove.

George D. and Victor H. Patrick to

George C. and Christine Weight. \$275.

NEW ROAD EXECUTIVE

Col. R. Keith Compton of Richmon-
Va., will become president of the Amer-
ican Road Builders' Association at the
annual meeting of the organization to
be held in Washington, D. C., May 1.
Election to that office is considered the
highest honor that may be bestowed on
a street or highway official of the United
States. Col. Compton was elected during
the convention of the association held
in Cleveland, Ohio, last January. He
succeeds Chas. M. Babcock, chairman of
the Minnesota State Highway Commis-
sion, whose term expires.

Larsen Construction Reports

Issued every business day of the year. Furnishes
advance information on work projected and contracts
awarded for all classes of building, street, sewer and
highway projects, bridges, dams and harbor works, ma-
chinery, etc. Send for rates in your territory, advising
class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS
INSURANCE
490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

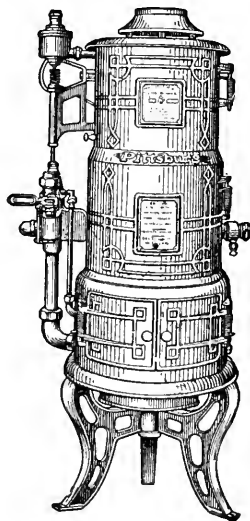
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames
and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Auto-
matic Water Heater
installed in the Home
indicates high quality
throughout.

Recommended and speci-
fied by all the leading ar-
chitects, plumbers and
builders.

Consider the high merit
of the Pittsburg coupled
with "Pittsburg Perfect
Service."

"Hot water quick as a
wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

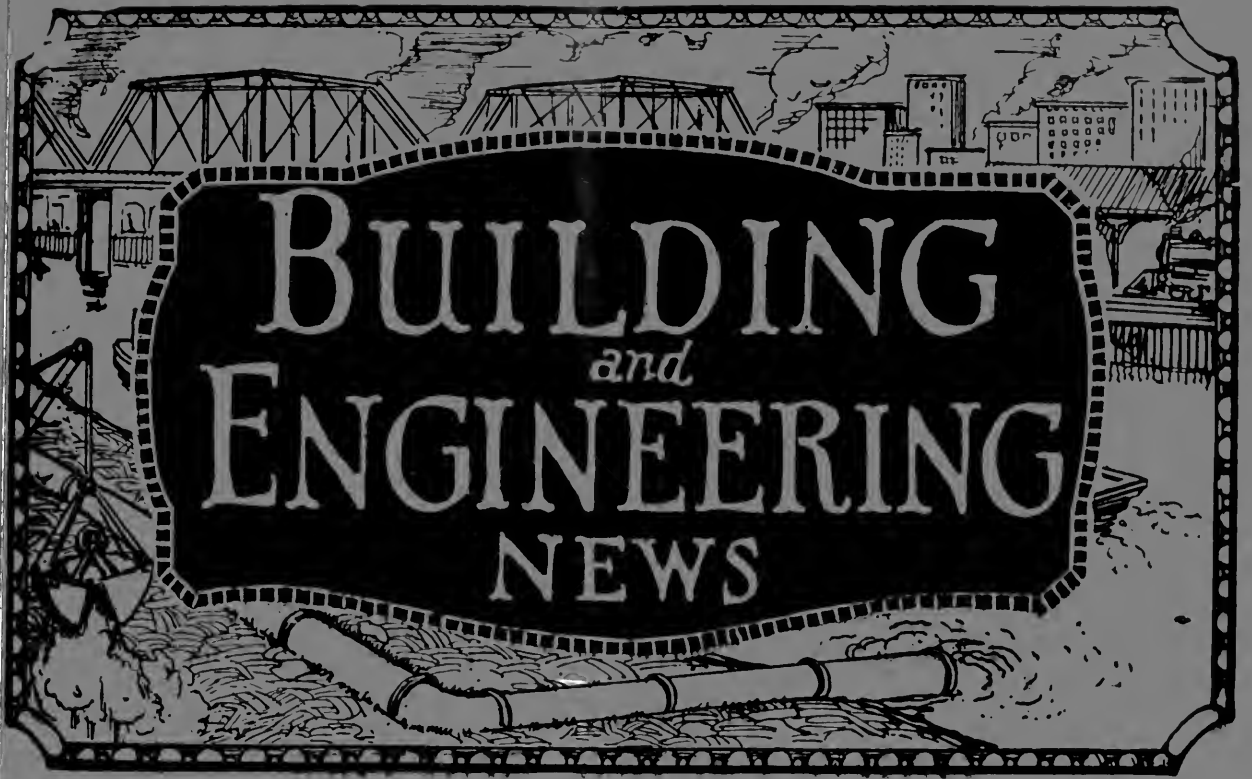
STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., APRIL 14, 1928

Twenty-eighth Year, No. 15
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

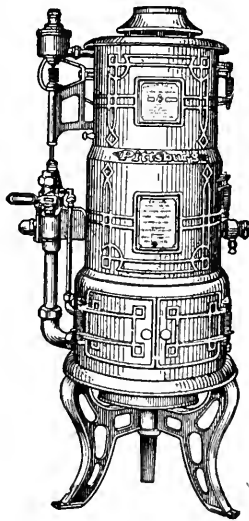
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., APRIL 14, 1928

Twenty-eighth Year, No. 15



45-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

CONCRETE CYLINDERS TESTED BY STANDARDS BUREAU

Comparative tests on concrete cylinders of different sizes have been made at the Bureau of Standards, Department of Commerce, for the purpose of determining the comparative strengths developed by the two sizes of specimens.

A series of 216 cylinders, mixed and made in the field, half of which were 8 by 16 inches, and half 10 by 20 inches, was tested. The cylinders were made in a small field laboratory, the concrete being mixed in a small batch mixer. A shovel full of the mixture, when it had attained the desired consistency, was placed in each of the paper cylinder molds in succession until filled, and each cylinder was tamped during filling.

Three mixes were used:—1:1:2, 1:1½:3, and 2:2:4. The 1:1½:3 and 1:2:4 were tested at 3, 7 and 28 days. The 1:1:2 mix was tested at 3 and 28 days. For each proportion the concrete was mixed to three consistencies giving the approximate slumps of 2, 4½ and 6½. Since the cylinders in each group tested were from the same batch of concrete, and so had the same amounts of cement, water, aggregate and the same mixing time, the strength ratio of the 10 by 20 and the 8 by 16 was unaffected by the variables which enter into cylinder making when there are duplications of mixes.

It was found that the average strength of the 10 by 20 inch cylinders was 96 per cent of the average strength of the 8 by 16 inch cylinders. The strength ratios were 92, 98 and 96 per cent, respectively, for the 1:1:2, 1:1½:3 and 1:2:4, respectively.

Recent tests made by Prof. D. A. Abrams have shown that if tested in one machine at the same platten speed the increase in strain will be slower for small specimens.

MATERIAL PRICES ARE LOW BUT WAGES ARE HIGH

Average prices of building materials were lower in Portland in 1927 than in other major Pacific Coast cities, while the average building crafts wages were highest, according to the monthly review of business conditions issued by the federal reserve bank of San Francisco.

The review also shows that prices of building materials in general and building crafts wages were lower on the Pacific coast than the average for the United States as a whole.

The percentage table on materials prices showed: Portland, 82.2; Seattle, 82.3; San Francisco, 82.6; Los Angeles, 89.8. The percentages on building crafts wages were: Portland, 97.7; Seattle, 97.1; Los Angeles, 93.7, and San Francisco, 93.7.

Among the reasons advanced to explain the above were:

Water transportation is available to all of the coast cities included in the study.

These cities are located relatively close to the timber supply.

Weather conditions on the Pacific coast are more favorable for all-year construction activity than in most other regions in the United States.

Building crafts wages rates are probably influenced by the relatively low cost of living on the coast, by the prospect of a minimum amount of unemployment in winter and by the constant yearly influx of workers desiring to live in Pacific coast states.

STEEL ORDERS DROP 62,983 TONS IN MARCH

Unfilled orders of the United States Steel Corporation March 31 amounted to 4,335,206 tons, a decrease of 62,983 tons compared with the end of the preceding month. The following table gives unfilled tonnage of the Steel Corporation at the end of each month since the close of 1925:

	1928	1927	1926
January	4,275,947	3,800,177	4,882,739
February	4,398,189	3,597,119	4,616,822
March	4,335,206	3,553,140	4,370,935
April		3,456,132	3,867,976
May		2,050,941	3,649,250
June		3,053,246	3,478,642
July		3,142,014	3,602,522
August		3,196,037	3,542,335
September		3,148,113	3,593,500
October		3,341,040	3,682,661
November		3,454,444	3,807,447
December		3,972,874	3,960,969

Although slightly under the total of 4,398,189 tons reported at the close of February, the figures were substantially larger than the 3,553,140 tons reported on March 31, 1927. Unfilled orders on January 31 were \$4,275,947 tons, which rose from 3,972,874 tons at the end of 1927.

BUILDING CODE EXECUTIVE COM- MITTEE NAMES EDITORS

The building code executive committee of the California Development Association held its first joint meeting at Santa Barbara March 30. This committee consists of the following: F. J. Twaits, Associated General Contractors, Los Angeles, chairman; David Witmer, American Institute of Architects, Los Angeles;

Melville Dozier, Jr., American Society of Civil Engineers, Los Angeles; John B. Leonard, American Society of Civil Engineers, San Francisco, vice-chairman; Frederick H. Meyer, American Institute of Architects, San Francisco; and E. T. Thurston, Contractors' Association, San Francisco.

This building code executive committee was appointed by and is acting under the general direction of the disaster insurance committee of the California Development Association, of which committee Arthur S. Bent of Los Angeles is chairman, and Frederick J. Koster of San Francisco is vice-chairman.

Engineer Henry Dewel, member of the American Society of Civil Engineers, San Francisco, and Edwin A. Bergstrom, member of the American Institute of Architects, Los Angeles, have been requested to become the editors of the California building code, which is to be developed by the building code executive committee.

EXCESSIVE MOISTURE IS CAUSE OF PAINT DISCOLORATION

The theory that paint applied to certain kinds of wood commonly used as siding for building purposes will necessarily discolor is unsound, according to observations made by the Forest Products Laboratory, United States Department of Agriculture.

Laboratory officials who have made a study of this problem maintain that the paint discoloration is usually found on houses built in late summer, fall, or winter, particularly in cases where the wood-work has accumulated excessive moisture from some source.

Plastering in cold weather, it is claimed, accounts for many cases of paint discoloration. Part of the moisture evaporated from the plaster condenses on the back of the siding wood and sooner or later passes through the siding to the under layer of the paint film.

Experience indicates that in houses which have been thoroughly drier out before painting this condensation of moisture and the consequent blistering and discoloration of paint on the outside of the building are usually avoided.

While paint blistering and discoloration are more common in the case of new houses they may occur in old houses in which excessive moisture content has developed for some reason. They can be prevented in the case of a house under construction by thoroughly drying the house before the paint is applied. In frosty weather it is necessary to keep the building heated to hasten drying and prevent plaster from freezing. Heat is also desirable in damp weather.

If paint discolors or blisters in an old house, the reason for any unusual moisture condition must be ascertained and the condition corrected.

When paint discoloration has already developed the remedy is to wait until the house is dried out. Frequently the discolored portion may then be washed off with soap and water, or if it proves more resistant, with cloths moistened with denatured alcohol. It may be necessary in some instances to apply another coat of paint, in which case no reappearance of the discoloration is ordinarily to be anticipated.

MARCH BUILDING TOTALS OF PACIFIC COAST CITIES LISTED

At the end of the month of building permits issued for March in 101 cities of the Pacific Coast, the total is greater than the total for the previous month, it is 11% above the total of March, 1927, and the total for the first quarter of this year is 7% above the comparable figure for last year which reflected a 2% reduction from the 1926 comparable figure, as shown by official building department statistics tabulated in the National Monthly Building Survey of S. W. Straus & Co.

A grand total of 31,709 permits were issued for new buildings to cost \$104,727,723 in these cities during the quarter just closed, as compared with 27,000 permits for \$113,267,250 in new buildings in 1927, \$123,000,000 in 1926, \$137,000,000 in 1925, and \$132,000,000 in 1924.

Los Angeles issued 8,792 permits for new buildings to cost \$25,159,361, during the first quarter of this year. This is less than the comparable 1927 figure. The total for March, \$9,701,942, is 12% below the March total of last year.

In the Los Angeles metropolitan area, 15 municipalities issued 11,461 permits for buildings to cost \$25,430,642, during the 1928 first quarter, 5% less than last year's comparable figure, and the March total is 7% below that of 1927. The building record of this area represents more than

one-third of the Pacific Coast total for 101 cities.

San Francisco issued 2,143 permits for \$10,319,869 in new buildings during the first quarter of 1928, and \$4,240,494 in permits during March, a 9% reduction from last year's comparable totals for each.

In the San Francisco Bay metropolitan area, 13 municipalities issued 5,320 permits for \$19,395,174 in new buildings during the first quarter of this year, 11% less than the 1927 first quarter figure. The March total is 22% below that of last year.

Seattle reports a notable increase in building activity with 2,452 permits issued for \$11,092,815 in new buildings during the first quarter of this year, and \$4,273,490 in permits for March. This shows a 51% gain for the quarter and a 22% gain for March over the 1927 comparable figures.

Portland issued 2,460 permits for \$5,421,420 in new construction during the first quarter of 1928, and \$2,907,880 during March. This shows a 39% reduction from last year's comparable quarterly total but an 18% gain for March.

Oakland's first quarter total for 1928 was \$4,563,711 in building permits issued, 14% less than that of last year. The March total, \$1,925,578, however, is 24% above that of last March.

Following are the official construction cost figures issued during the first three months of 1928 and 1927 and also during the month of March, 1928 and 1927, as reported by building department executives from 101 cities in the Pacific Coast Section as reported by S. W. Straus & Co.:

CALIFORNIA

City	March, 1928 No.	March, 1928 Cost	March, 1927	1st 3 months, 1928 No.	1st 3 months, 1928 Cost	1st 3 months, 1927
Alameda	51	\$ 156,003	\$ 418,741	175	\$ 493,888	\$ 563,783
Albany	10	75,075	143,123	34	151,150	380,698
Alhambra	60	160,635	223,160	190	458,185	723,420
Anaheim	10	15,415	28,825	30	39,246	60,185
Bakersfield	83	126,210	164,782	259	379,413	594,440
Berkeley	192	480,411	1,235,464	567	1,306,851	2,045,318
Beverly Hills	106	544,400	880,572	246	1,379,415	1,676,956
Burbank	53	161,495	199,745	164	471,766	527,928
Burlingame	34	148,575	188,200	106	453,650	371,600
Colton	18	12,825	24,300	54	50,850	50,850
Compton	36	104,045	78,144	88	218,005	225,618
Coronado	25	56,525	63,754	46	90,375	108,904
Culver City	20	51,785	60,100	85	255,640	280,895
Eureka	53	48,851	37,600	144	141,066	84,860
Fresno	97	251,029	419,741	266	421,752	590,182
Fullerton	25	33,473	74,525	92	188,756	226,775
Glendale	129	1,416,150	902,645	373	2,569,020	2,548,652
Hollywood	136	1,515,441	1,116,024	350	3,502,166	3,484,715
Huntington Park	95	438,144	108,130	230	801,559	331,035
Inglewood	36	66,500	155,550	103	203,750	392,580
Long Beach	522	1,151,805	1,528,185	1,302	3,169,565	2,507,275
Los Angeles	3,278	9,701,942	11,111,771	8,792	25,159,261	26,815,877
Lynwood	31	59,840	82,700	86	210,115	255,840
Modesto	36	79,337	69,199	89	162,467	136,219
Monrovia	17	12,550	64,750	61	175,080	182,650
Montebello	20	62,355	100,800	79	187,241	127,883
National City	17	12,915	40,650	50	45,180	109,905
Oakland	580	1,925,578	1,547,613	1,673	4,563,711	5,320,732
Ontario	28	38,990	41,425	95	182,366	158,740
Orange	11	32,900	45,450	37	134,817	74,900
Paco Alta	56	134,025	164,155	130	297,566	432,707
Palos Verdes E. t	3	13,500	57,000	7	85,900	144,800
Pasadena	198	726,955	898,512	510	1,579,941	1,648,156
Piedmont	25	137,055	151,201	67	305,661	309,447
Pomona	87	165,830	78,130	185	321,430	247,115
Rollands	26	25,760	52,605	51	71,410	102,505
Redondo Beach	13	26,100	14,800	31	156,900	42,315
Redwood City	26	239,916	72,537	88	361,007	201,762
Richmond	67	90,710	161,230	141	243,080	310,450
Riverside	71	217,745	229,800	222	525,790	610,685
Sacramento	189	728,388	675,346	489	1,704,718	2,708,584
Schenes	27	38,278	159,862	114	279,648	342,238
San Bernardino	97	216,915	521,360	299	590,700	1,252,405

MORE MILLION DOLLAR CONTRACTS AWARDED THIS YEAR THAN LAST

More contracts valued at \$1,000,000 more have been awarded since Jan. 28, than in the corresponding period 1927, according to Engineering News Record. During 1928 there have been such awards valued at \$216,720,000; in the first twelve weeks of last year, had the value of \$201,780,000.

Geographically these awards cover construction in nineteen states in 1928 and twenty-three states in 1927. Illinois, Pennsylvania, California and Missouri show no change over last year in number of large contracts. New York has had twenty-two in 1928 and twelve in 1927 and in Texas there have been nine this year and only one last year.

So-electric plant in South Carolina contributed \$20,000,000 to the 1927 industrial awards, and three New York subway contracts were the principal items in the construction-other-than-buildings classification. New York activity during 1928 has been mainly for large apartment houses and office buildings, and this class of work is the main factor in the large commercial building total. Other construction in 1928 is composed principally of large pipe line in Texas.

MILLION DOLLAR AWARDS DURING FIRST QUARTER

	No.	Value	No.	Value
Com'ci'l	58	\$156,510,000	47	\$123,460,000
Ind's't'l	7	22,040,000	6	47,130,000
Other				
const.	14	38,170,000	9	31,190,000
Total	79	\$216,720,000	62	\$201,780,000

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

- R-1568-S CIVIL ENGINEER, M. Am. Soc. C. E., engaged in developing projects in the north west desires a young associate on the Pacific Coast with engineering training and experience. Five to ten thousand dollars available capital required. Apply by letter, giving details of experience and photo. Headquarters, Northwest.
- R-1573-S STRUCTURAL ENGINEER, over 35, experienced on the design of steel frame buildings for chief draftsman position. Salary open. Apply by letter. Location, San Francisco.
- R-1557-S ELECTRICAL DRAFTSMAN, not over 40, with at least 5 years' experience to lay out and detail wiring for large industrial warehouses. Knowledge of illumination essential, and if also familiar with sprinkler systems and mechanical devices so much the better. Salary \$225 month. Location Alameda County.
- R-1576-S ENGINEER, experienced on subdivision development work for general supervision of project including building construction, roads, sewers, etc. Salary open. Headquarters, San Francisco.
- K-41-X-4482-C-S PRODUCTION ENGINEER, with experience in steel stampings, steel auto bodies, fenders, disc wheels or similar products for a company manufacturing all-metal monoplanes on a quantity production basis. Position open about June 1st. Apply by letter with qualifications and salary required. Location Middlewest.
- X-4547 GRADUATE CIVIL ENGINEER, with harbor and dock construction experience. Will be in charge of work. Spanish essential. Single man preferred. Apply by letter. Salary \$9000 and all expenses. Location South America.

San Diego	617	1,370,533	\$ 2,048,084	1,637	3,682,356	4,134,641
San Francisco	856	4,240,494	\$ 4,685,162	2,143	10,349,869	11,425,095
San Gabriel	28	55,105	\$ 76,825	64	130,910	170,030
San Jose	82	387,580	\$ 361,855	239	812,040	1,273,655
San Leandro	23	70,245	\$ 110,727	65	145,158	281,032
San Marino	15	128,175	\$ 483,226	28	354,869	1,176,099
San Mateo	32	169,350	\$ 78,968	89	467,263	201,243
San Rafael	9	89,765	\$ 15,975	42	166,320	46,975
Santa Ana	86	161,200	\$ 123,750	204	401,074	403,046
Santa Barbara	65	215,015	\$ 1,031,795	267	820,123	1,367,248
Santa Monica	118	418,410	\$ 552,210	346	1,422,753	1,323,865
South Gate	102	246,820	\$ 230,000	179	482,045	598,435
South Pasadena	50	139,235	\$ 66,540	124	677,773	210,005
Stockton	94	127,763	\$ 473,789	239	353,165	772,463
Torrance	19	91,750	\$ 124,288	80	224,400	238,413
Ventura	40	173,115	\$ 291,580	133	458,740	668,755
Vernon	35	245,260	\$ 115,150	75	382,981	262,737
Whittier	26	49,565	\$ 40,390	70	174,701	94,450
Total	8,858	\$28,678,385	\$34,199,499	23,908	\$72,270,131	\$80,586,062

ARIZONA

Phoenix	96	\$ 361,815	\$ 522,514	291	\$ 930,526	\$ 923,567
Tucson	64	126,430	\$ 195,535	165	416,935	524,236
Total	160	\$ 488,245	\$ 718,049	456	\$ 1,347,461	\$ 1,447,803

IDAHO

Boise	86	\$ 82,000	\$ 58,520	153	\$ 149,200	\$ 121,520
Idaho Falls	10	39,800	\$ 16,700	15	47,400	48,850
Lewiston	39	63,820	\$ 131,115	101	274,325	239,115
Nampa	45	25,590	\$ 45,815	76	45,955	74,605
Total	180	\$ 211,220	\$ 252,150	345	\$ 516,880	\$ 484,090

NEVADA

Reno	25	\$ 252,400	\$ 141,950	62	\$ 350,875	\$ 212,950
------	----	------------	------------	----	------------	------------

OREGON

Astoria	14	\$ 26,525	\$ 18,895	61	\$ 62,188	\$ 25,060
Eugene	37	455,850	\$ 83,275	96	603,700	390,600
Klamath Falls	40	102,075	\$ 426,980	84	164,195	640,580
LaGrande	10	18,370	\$ 275,690	35	28,975	545,205
Marshfield	4	800	\$ 15,150	18	31,650	88,650
Medford	52	103,060	\$ 80,682	117	203,460	183,723
Portland	970	2,907,880	\$ 2,460,035	2,460	5,421,420	9,028,580
Salem	47	217,275	\$ 366,815	119	445,725	814,027
Total	1,174	\$ 3,831,835	\$ 3,727,523	2,990	\$ 6,961,313	\$11,716,430

UTAH

Logan	3	\$ 12,000	\$ 95,300	12	\$ 34,000	\$ 108,700
Ogden	25	274,300	\$ 67,510	47	354,050	131,760
Salt Lake City	151	309,364	\$ 395,995	305	920,904	828,980
Total	179	\$ 595,664	\$ 558,805	364	\$ 1,308,954	\$ 1,069,440

WASHINGTON

Aberdeen	70	\$ 61,977	\$ 187,390	183	\$ 154,278	\$ 374,300
Anacortes	6	3,370	\$ 14,500	38	37,020	110,880
Bellingham	109	154,062	\$ 113,335	266	375,789	384,597
Everett	115	69,598	\$ 91,930	221	136,663	178,689
Hoquiam	26	45,490	\$ 15,520	105	445,938	130,030
Longview	20	34,220	\$ 68,245	50	147,635	158,430
Olympia	13	16,500	\$ 48,285	46	110,250	73,915
Seattle	884	4,273,490	\$ 3,492,610	2,452	11,092,815	7,340,745
Spokane	258	410,201	\$ 286,299	448	838,159	584,383
Tacoma	237	332,160	\$ 653,610	583	977,045	1,874,563
Vancouver	47	270,300	\$ 59,592	86	385,870	280,736
Walla Walla	27	100,163	\$ 27,595	44	117,223	44,952
Wenatchee	38	96,400	\$ 53,150	91	154,650	101,950
Yakima	84	182,675	\$ 283,880	160	254,225	327,660
Total	1,944	\$ 6,050,606	\$ 5,395,681	4,773	\$15,227,668	\$11,965,830

BRITISH COLUMBIA

Vancouver	345	\$ 836,970	\$ 875,825	931	\$ 3,955,540	\$ 2,962,190
Point Grey	153	457,230	\$ 766,870	444	1,317,700	1,510,110
Burnaby	85	83,120	\$ 179,030	263	241,875	346,175
N. Vancouver Dist.	22	11,775	\$ 26,660	55	41,290	51,679
No. Vancouver	15	20,360	\$ 28,464	56	96,270	91,554
So. Vancouver	94	225,545	\$ 119,900	277	435,445	321,050
West Vancouver	17	29,720	\$ 63,266	48	87,120	123,830
New Westminster	37	54,250	\$ 127,460	99	293,695	254,045
Victoria	66	100,018	\$ 175,720	189	275,506	224,021
Total	835	\$ 1,818,988	\$ 2,563,205	1,811	\$ 6,744,441	\$ 5,884,645

Grand Total

101 Cities	13,355	\$41,927,343	\$47,357,042	34,709	\$104,727,723	\$112,367,250
------------	--------	--------------	--------------	--------	---------------	---------------

*Hollywood figures included in Los Angeles totals.

ods that have been used and sums up their relative efficiency, based on the reports from the four hundred engineers and plant owners and on a survey of actual floors of various types.

The Ohio State Engineering Laboratories have cooperated in determining the facts presented, by means of extensive laboratory tests of cement floor finishes, the result of which are given in detail.

An interesting and important parallel between the laboratory findings and the results disclosed by the survey of actual plant floors points to certain definite conclusions regarding installation methods that will be of invaluable help to everyone interested in floor construction.

"Plain Talk About Concrete Floors" which has less than 40 pages, carries over 50 illustrations and bristles with specific facts and figures. Valuable data has been obtained from owners on initial costs and maintenance costs.

The work is published by The Master Builders Company, Cleveland, Ohio, specialists since 1910 in methods and materials for concrete floor installations. Copies are mailed free upon request.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

John W. De Ford, of Los Angeles. SYSTEM AND MEANS FOR MARKING STREETS. This relates to street markers or signs, and the like and pertains more particularly to means and systems for readily enabling pedestrians and motorists to learn the name of the street on which they are approaching or on which they are traveling.

Earl S. Hartson, of Los Angeles. UNDERREAMER. This is designed particularly for use in oil wells for reaming or enlarging that portion of the drill hole below the casing in order that the latter may be lowered into the well as the drilling and underreaming operations proceed.

John T. Phipps, of Huntington Park. CORE DRILL. This invention relates to core drills for taking cores of formations to be drilled for oil, water and other wells, which cores are taken so that the log of the well may accurately reflect the formations through which the well is produced. Mr. Phipps assigns his patent to H. C. Smith Manufacturing Company.

Paul Ruegg, of San Francisco. SPEED SIGNAL SWITCH. This provides a governor controlled switch adapted to be directly secured to the speedometer shaft and to operate through a relay switch to control the said electric light signals. Mr. Ruegg assigns his patent to Steven A. Rice.

Charles F. Parker, of San Francisco. SWITCH OPERATING MECHANISM. This relates to a switch operating mechanism and its object is to provide means whereby one of two circuits may be used at a time. Mr. Parker assigns his patent to Western Safety Manufacturing Company, Inc.

LABOR PAPER IS PROPOSED FOR CAPITAL CITY

Developments regarding the establishment of a labor-owned newspaper in Sacramento are reaching a point where its publication is considered a matter of the near future, in the opinion of officials of the Federated Trades Council. In addition to a number of the larger organizations who have already offered their support, the Electricians reported their group 100 per cent behind the proposal. The Sheet Metal Workers have requested that a sub-committee be asked to appear before their union and further explain the proposal.

DATA ON CONCRETE FLOOR FINISHES IS COMPILED BY MASTER BUILDERS CO.

Four hundred industrial plant engineers and owners have reported their experiences with concrete floor finishes of different types, and their reports have just been published in a book entitled "Plain Talk About Concrete Floors."

For nearly two decades architects and builders have been trying to develop concrete floor surfaces that will stand up under present day industrial traffic. Re-

sults have been inconsistent. Good floors and poor floors have been laid side by side for the same owner, by different builders whose methods varied only in details that were regarded as unimportant. The elimination of this variable which has cost industry thousands of dollars in floor upkeep and impeded operations, was the purpose of the authors of this work. The book reviews the principal meth-

THE OBSERVER



What He Hears and Sees On His Rounds

San Francisco, Cal., has been the first city to adopt the simplified practice of the department of Commerce. The recommendation was adopted on March 1, 1928. Prior to the adoption of this simplified practice recommendation on March 1, 1926, the industry was manufacturing 80 styles, 16 sizes and 10 shapes of lights. The last conference held that 10 per cent of this variety would meet at least 90 per cent of the normal requirements. The original recommendation promulgated in 1926 provided for 5 styles, 6 sizes and 2 shapes, an average simplification of 90 per cent. According to the report just received by the Division of Simplified Practice from the Standing Committee of the industry, a survey of acceptors of this recommendation showed that the degree of adherence was 91 per cent.

A definite policy providing for the operation of the Oakland city dock facilities by the city itself is announced by Roseau D. Jones, president of the Oakland Port Commission. A resolution authorizing this system of dock management becomes effective May 1. George B. Hazard, manager of the port of Oakland, has been instructed to prepare a plan of organization for the operation of the Fourteenth street, Grove street and Market street piers. At present the Market street pier is being operated by the Lawrence Terminal Company. The company has been operating on month to month lease, and has been notified of the change of management.

The ratio of the operations to the capacity of the American Portland cement industry during the month of February was 47.5 percent, according to figures released by the bureau of mines of the department of commerce. During the month 8,785,000 barrels were produced, 6,559,000 barrels were shipped, and there were in stocks on hand at the end of the month 27,333,000 barrels. Production in February, 1928, was 19 percent greater, and shipments about 3 percent less, than in February, 1927. Stocks at the mills were 16 percent higher than a year ago.

James E. Noble, Jr., of Sanatorium, Miss., a 24-year-old engineer of the Southern Bell Telephone & Telegraph Co., is announced as the winner of the first prize of \$5000 in the "Slogan for Wood" contest conducted by the National Lumber Manufacturers' Association. His slogan was: "Certified by Centuries of Service." Six other grand prizes were awarded, ranging from \$500 to \$2000 and 59 states and regional awards of \$100 each were made. The total prize money was \$15,000. Approximately 400,000 persons entered the contest.

Supreme Court has granted Government's petition for review of a Court of Claims decision holding that building and loan associations are exempt from the Federal income tax, regardless of whether they make loans to non-members. The defendant company was the Cambridge Loan and Building Company of Ohio.

May 1 is date set by San Francisco Board of Supervisors to vote bonds of \$1,000,000 to finance purchase of Spring Valley Water properties to operate as a water project and \$210,000 to purchase the Hotel of the Hotel, Hotel, project.

The George Bill, appropriating \$6,000,000 for federal aid in states in development of vocational education in rural communities has been passed by the Senate and now goes to the House. The bill specifies that \$500,000 annually will be made available when states appropriate a like amount. An amendment by Senator Bingham, republican, Connecticut, to include territories of the United States, was adopted without objection.

Creation of a Federal reclamation and development board to supervise many sorts of work in the public interest is sought in a bill introduced by Senator Jones, Republican, Washington. To be composed of five members, with the interior secretary as chairman, the board would encourage the reclamation; river development; the development of harbors and inland sections; improvement of home markets and the establishment of airports.

"Forest Fires Make Idle Lands, Idle Industries, Idle Hands — Stop Fires, Grow Trees, Keep Forest Lands Working." A poster with the foregoing inscription was adjudged the most effective forest education material issued in the United States last year by the American Forestry Association, and beaten silver cup was awarded to E. T. Allen, manager of the Western Forestry and Conservation Association at Portland, Ore., who designed the poster. The poster was selected from a list of about 200.

Acting upon the advice of their attorney, George F. Jones, the Butte county supervisors have ordered all accounts against the Charles S. Mabrey Construction Company paid, it having been shown that enough money to pay all withholdings against Mabrey had been deposited by him with the county treasurer. The auditor was instructed to honor all just claims against the account in the original amount of the bills contracted by Mabrey for labor and materials furnished in the construction of the Chico Veterans' Memorial Hall. Jones told the supervisors, petition for dismissals in a number of cases pending against Mabrey had been filed with the county clerk.

Details of a newspaper campaign in a "point up" and "clean up" drive were worked out by the Peninsula Master Painters' Association at a recent meeting in Palo Alto. Delegates attending the meeting from San Jose reported that the San Jose painters will feature a float in the parade of the Fiesta de las Rosas to be held in that city in May.

More than 1,000 desks for use in the new Lincoln school will be constructed by the Sacramento city school department in its own shops. This decision was reached when C. C. Hughes, secretary of the board of education, reported a balance of more than \$8,000 after the award of contract for the initial unit of the new school.

Mrs. Elizabeth Cohn, wife of Wm. Cohn, superintendent of the Columbia Steel Corp., at Pittsburg, Calif., has announced her retirement after seventeen years of service with the corporation. When Mrs. Cohn began her duties with the company the plant was operated on a modest scale with holdings valued at about \$200,000. Today the plant is worth about \$3,500,000 and employs 1100 men.

Support of a standardized building code for major cities in California is asked of the Oakland city council in a letter from the California Development Association. The letter is signed by A. S. Best, chairman of the building code committee of the association and asks the city to appoint a committee to aid in framing the code which will standardize building regulations. The communication was referred to Commissioner of Public Health and Safety C. C. Young and City Attorney Preston Higgins.

An eleven-story garage building for use of patrons and tenants of the First National Bank at Detroit, Mich., was opened April 10. The garage, declared to mark a new step toward solving the parking problems such as prevail in large cities will accommodate 800 cars.

Frank P. Williams, home builder and subdivider of Sacramento, will leave shortly on a three-months tour of Europe, particularly along the Mediterranean during which time he will make a special study of architecture. Williams plans to go to Spain first to study Spanish architecture and furniture and will then study the Moorish influence in Northern Africa and architecture in Italy, Austria, Germany and France. Houses in French Normandy will be given particular attention.

The salary standardization bureau of the San Francisco Civil Service Commission has completed its reclassification of all positions in the city building trades service and requested that department heads study the report at once. Any suggestions for changes in the classification plan should be made before Monday, April 9.

An ordinance that complies with every requirement of the state housing act and one that lacks with the letter of the law fire protection work being performed by the fire department, has been given first reading by the San Mateo city council. Many clauses heretofore not legally observed in San Mateo have been written into the ordinance. Among these is one regulating the handling and storage of inflammable liquids. Others have to do with the placing and construction of fire escapes, equipping certain buildings with basement pipe hole casings, prohibiting the building of open fires without permits, inspection of construction of gravity oil-burning systems and the establishment of fire lines no less than 300 feet from the scene of a fire.

Approximately \$350,000 will be expended the coming summer for the protection of timber lands under the jurisdiction of F. A. Elliott, Oregon State Forester. The area under Mr. Elliott comprises more than 10,000,000 acres of forest land, virtually all of which is in private ownership, with the exception of 1,250,000 acres of revested Oregon and California lands which are patrolled by state and private interests under contract with the United States forest service.

Indicative of the widespread interest in house remodeling is the increasing demand for a pamphlet recently published by the National Lumber Manufacturers Association entitled "New Homes From Old Houses." Over 80,000 copies of the pamphlet have been ordered by retailers throughout the country.

Building permits issued during the month of March in Portland Ore., total \$70 for improvements estimated to cost \$2,907,880. Two hundred homes were erected during the month costing \$842,000.

At the request of a San Francisco construction company trade extension engineers of the National Lumber Manufacturers Association are compiling data in the sound deadening properties of different species of wood. R. W. Smith of the Western Division reports that the company wants the information in connection with the construction of apartment houses.

Alleging that the State routed the Yosemite All-Year Highway over his mining claims at the South Fork of the Merced River, William H. Rykert, formerly of Los Angeles, has filed suit in Mariposa for \$111,853 damages against the State Department of Public Works. Rykert contended that the highway passes over his channel of gravel causing him considerable inconvenience in working his 16 claims of gold quartz.

Requests for the booklet "Airplane Hangar Construction," prepared by the Engineering Department of the National Lumber Manufacturers Association is off the press. The booklet is devoted to four types of hangars, ranging from the one plane type to the large hangars suitable for municipalities.

Some \$400,000,000 will be expended on office building construction in the United States this year, according to estimates of the National Association of Buildings Owners and Managers. More than 50,000,000 square feet were added to the available area last year.

The uniform building code which has been proposed for adoption to all municipalities in California, has been adopted by the Martinez city trustees. The adoption of the code is expected to result in a material saving in construction costs to both contractors and business building and home owners.

A sharp recession in the lumber movement in the week ended March 31st, is reported by the National Lumber Manufacturers' Association, based on telegraphic reports of prices from 715 of the company's largest softwood and hardwood mills. Production and shipment were lower by 7,000,000 and 8,000,000 feet, respectively, while orders dropped 54,000,000 feet compared with the week before. Unfilled orders of 220 southern pine and west coast mills were 714,120,105 feet against 723,660,612 feet the preceding week.

A municipal skyscraper, costing approximately \$5,000,000 is proposed at Chicago for the purpose of enriching the city coffers. Real estate, in the downtown district of Chicago is worth huge sums and a survey made by the city officials revealed that municipal property now is, in many cases, unproductive of revenue. As a result, it has been proposed that a 42-story building be erected by the city on some of its loop property.

Purchase of the Pyramid Portland Cement Company, Des Moines, Iowa, by the Pennsylvania Dixie Cement Corporation is announced, by which the annual output of Penn-Dixie will be increased by 1,250,000 barrels to 12,250,000 barrels. A plan for consolidation of the Penn-Dixie and North American Cement Companies into the General Cement Corporation, has been submitted to stockholders.

Albert Mansfield, attorney representing other interests, will ask to have revocation of his Candlestick-Alameda bridge franchise by the San Mateo county supervisors declared illegal. Mansfield claims the franchise granted him March 5 is still in effect.

TRADE NOTES

Pacific Manufacturing Company of Santa Clara is planning early construction of a \$225,000 plant in that city and has commissioned a firm of engineers in Los Angeles to proceed at once with the architectural and engineering plans. The plant will be of the latest type for the manufacture of sash, door and general woodworking products. It will be one-story, 384x486 feet in dimensions, of brick and concrete construction with sawtooth roof. Dry kilns, dust collection system and boiler plant will be provided in the plans.

Luster Lacquer Manufacturing Co., operating a plant at 1405 Thirty-second St., Sacramento, announces the closing of its plant at Seattle, Wash., and the shipment of all equipment to the Sacramento plant. The company is operated by W. R. Cline and B. A. Brown.

The Cyclone Fence Company, Waukegan, Ill., has purchased the Standard Fence Company of Oakland and the Northwest Fence and Wire Works of Portland. These two latter companies have heretofore been the Pacific Coast agents of the Cyclone Company.

Frank P. Doe Lumber Company, operating a planing mill at 7th and Yuba streets, Marysville, plans enlargements to the present quarters providing additional space for planing mill and storage facilities. The company took over the Nelson Moulding Mill at Marysville several months ago.

C. B. Johnson, superintendent of the Coos Bay Lumber Company's plant at Bay Point for the past twelve years will resign May 1. Previous to being superintendent for the company, Johnson was foreman, serving a total of seventeen years in the company's employ.

Chas. Stockholm & Son, general contractors, formerly occupying quarters in the Hearst Building, have opened offices in the Russ Building, San Francisco.

Eva D. Griswold of Piedmont, Geneva E. Monroe of New York City, Wm. L. Aisthorpe and Harry B. Aisthorpe of Chico, have formed a partnership and will operate in Chico under the firm name of Griswold Lumber Company.

D. E. McLaughlin, formerly vice-president has been elected president of Pacific Coast Steel Company. McLaughlin succeeds the late president, E. M. Wilson. Director William Pigott was named chairman of the board. Henry M. Robinson, president of Los Angeles First National Bank, was named a director. Other members of the board were re-elected. E. S. Houdlette and T. S. Clingan were named vice-presidents. William Pigott Jr. was re-elected secretary-treasurer, and H. C. Jones, comptroller.

A certificate seeking to increase its capital stock from 1,200,000 shares to 3,600,000 shares and from a par value of \$25 to no nominal value, has been filed at Martinez by the Standard Sanitary Manufacturing Company.

O. H. Shoemaker, former manager of the Independent Lumber Co., will enter the building materials business for himself in Livermore. E. E. Ross of Stockton will be his associate. Construction of a plant served by the Western Pacific Railroad in Livermore will be started at once.

ALONG THE LINE

J. P. Galloway, San Francisco engineer, is one of five engineers invited by the Los Angeles City Council to make an impartial investigation of the safety of the Mulholland dam, above Hollywood, and all other city dams and reservoirs. It was admitted that an investigation by outside experts was needed to quiet the fears of residents below the existing dams in the city's water system.

George Calder has been appointed chief engineer for the American Toll Bridge Company with headquarters in San Francisco and will have supervision over the Carquinez and Antioch bridges, owned by that company. Mr. Calder, who is vice-president of the company, was resident engineer during the construction of the Carquinez Straits bridge. Under a reorganization of the company's engineering department, Louis J. Jennings will be resident engineer with offices at Crockett and Professor Chas. Derleth of the University of California remains as consulting engineer.

Frank Davis, junior engineer with the Division of Irrigation Investigations and Practice, College of Agriculture, Davis, has resigned to accept a position with the Woodbridge Irrigation District. Davis went to the college in 1922 from Rock Springs, Wyo., where he was engaged in engineering work for that city. During his five years with the college he has been engaged in irrigation investigation studies in the San Joaquin delta and at Delhi.

Harry Gravitt, 30, a civil engineer, dropped dead in San Francisco, April 6. Physicians say death was due to a heart attack.

Allan J. Wagner, city engineer of Sacramento, has resigned and Samuel A. Hart, chief assistant city engineer, appointed by the city commission to fill the vacancy. The position pays \$6000 a year. Mr. Wagner will enter the contracting business for himself. Chas. R. Blood, now an assistant engineer will be advanced to chief assistant engineer, receiving a salary of \$4200 a year.

TRADE NOTES

Frank G. Kutz, formerly connected with the Kewanee Boiler Corporation and The Babcock & Wilcox Co., has been appointed manager of the San Francisco office of the Coatesville Boiler Works of Coatesville, Pa., builders of riveted fire-box heating boilers as well as welded fire-box heating boilers. Kutz is a son of the late chief engineer George F. Kutz, well known San Franciscan and Marine Engineer.

One of the major industrial projects to be delayed by storms in El Dorado County is the Michigan-California Lumber Company, now building a new \$1,000,000 plant at Camino. It was hoped that the plant might be ready to start work about May 1st, but the heavy storms have made any considerable progress almost impossible.

Watkins Intermitting Pump Co. of San Francisco, capitalized for \$25,000, has been incorporated. Directors are. W. C. Crittenden, H. F. Watkins and G. R. Hanrahan.

Luigi Sartorio formerly of Sartoria and Anderson, general contractors, has been admitted to membership in the San Francisco Builders' Exchange. Victor D. Russo, architectural modeller, is another new member.

UNIFORM WAGE SCALE AND BUILDING CODE WILL BE TOPICS AT CONVENTION OF STATE ORGANIZATION IN STOCKTON

A convention with scale and uniform building code will be among topics of discussion at the third quarterly conference of the California State Builders' Exchange to be held in Stockton, April 27-28. Sessions will be held at the Lincoln Hotel.

Final arrangements for the entertainment of delegates and guests are being worked out by a special committee appointed by the Stockton Builders' Exchange.

Big Attendance Seen

That this meeting will prove the biggest and most important meeting yet held by the state organization is the opinion of those in charge of arrangements. Large delegations are expected from the various construction organizations in the Southern California district, the central section and from scattered cities north of Sacramento.

Committees Meet Friday

The various committees will meet Friday morning at the convention headquarters in the Lincoln Hotel. Immediately following luncheon, Miss Jackson, secretary of the Stockton Builders' Exchange, assisted by ladies of the membership, will entertain visiting ladies with a luncheon at Wood's Tavern which will be followed by an automobile tour of the city.

The general session will be called to order at 1:30. Committee reports will be received and the regular order of business carried on until adjournment of the afternoon session.

Banquet In Evening

A banquet in the spacious banquet hall of the Stockton Civic Memorial Auditorium will be a feature of Friday evening. A program of speaking and entertainment will be carried on in conjunction with the banquet. Reservations for this event are necessary and may be made with the Hotel Lincoln or at the office of the Stockton Builders' Exchange.

Informal Ball

Following the banquet and commencing at nine o'clock a grand informal ball will be held in the main auditorium ball room. This affair will be free to delegates and the general public. Music will be furnished by a fifteen-piece orchestra.

Saturday morning, commencing at 9:30 the business session will be called at the Lincoln Hotel and will continue until business is completed or the convention adjourned.

Program Off Press

A neat four-page program featuring the Stockton deep water project on the front cover and the principal places of interest in Stockton on the back cover with complete convention details on the two inside pages, has been compiled for distribution by the Stockton Exchange in co-operation with the Stockton Chamber of Commerce. The latter organization is lending every possible assistance to the exchange to make the convention a big success.

Coast Rock & Gravel Co., members of the San Francisco Builders' Exchange, is occupying new quarters at 1000 Hunter Dulin Building.

Geo. M. Eastman, specializing in marble since 1903, has opened show rooms at 160 Powell St., featuring Italian statuary and works of art in marble and bronze. Public inspection is invited.

Wilson Compton, secretary-manager of the National Lumber Manufacturers Association, will be a speaker at the annual meeting of the National American Wholesale Lumber Association to be held in Atlantic City April 11-12.

Archie Winchcole, plastering contractor of Richmond, has returned from a tour of Europe where he visited his aged father in Scotland and relatives in England. Winchcole was away seven weeks.

President Thomas M. Robinson and other officers of the Fresno Builders' Exchange were re-elected April 3 at the organization meeting of the board of directors for 1928.

All of the directors who served during 1927 were re-elected at the recent annual meeting of the membership of the organization.

Other officers are: O. J. Lines, vice president; A. M. Loper, treasurer, and Harry R. Cayford, secretary-manager.

The following chairmen of standing committees were appointed at the meeting: Finance, C. E. McMullin; house, F. E. Minard; membership, E. H. Mellen; arbitration, A. M. Loper; social, Otto Baty.

Other members of the directorate are D. A. Moore, J. G. Teeple, James E. Harrison and M. E. Summers.

Four general and twenty sub-contractors of the Monterey Peninsula district held a special meeting in the council chamber of the city hall at Pacific Grove, April 3 and discussed license fees and a building code. A. L. Pawley, presided at the meeting.

A general discussion of fees and building codes elsewhere took place, the Santa Barbara code being the subject of much interesting comparison. Vigorous criticism of the \$100 license, in effect in some other cities and towns of California, was voiced the general opinion of the local men, being that it had proved unsatisfactory.

The ballot taken seemed to indicate a marked leaning toward a license fee of \$30 a year for contractor and \$15 a year for sub-contractors. Flat rate plus percentage charges were opposed by a majority of the builders.

Discussion of a uniform building code was neglected due to lack of time, but it is hoped that another meeting will take place in the near future when this problem may be satisfactorily threshed out.

Michigan is planning to double its force of convicts employed on highway work during 1928. The force, which will begin work about April 1, weather permitting, will number about 1,250 men, as compared with about 600 in 1927. To accommodate the increased prison force three new road camps will be established. According to the commissioner of pardons and paroles, the increase in convict labor is attributable to the good results of last year. Part of the success with convict labor lies in the fact that the entire duty of guarding was placed with prison authorities and the direction of work was left entirely in the hands of the highway department. For 1928 a wage scale has been established as an incentive for willing work. The prisoners will be paid 5c. to 10c. an hour instead of the flat \$1 a day scale formerly used.

HERE — THERE — EVERYWHERE

Howard Bissell of the firm of Mayo, Bissell and Co., Stockton architects, addressed the Stockton Chapter, American Association of Engineers, April 6, on the "Science of Acoustics." J. B. Tyrrell, president of the Stockton chapter, presided.

L. E. Crawford, secretary of the East Bay Industrial Association, announces that during the month of March 549 men were placed by the association's employment bureau, representing an increase of more than 20 percent over the previous month. The increased demand for skilled mechanics in the building trades and metal trades is very encouraging, according to Crawford.

That abuses of the day labor system may be the subject of action by public works contractors was indicated in a recent announcement by the Seattle Chapter of the Western Public Works Contractors Association. The statement was to the effect that the organization contemplates "some action" to require public officials to conform to the provisions of the law regulating construction by the day labor system.

"Dick" Forbes, secretary of the San Francisco Builders' Exchange had been looking over the names of delinquent members which caused him to state that he had of a man in a neighboring city that he had a needle. Nothing further was said. According to Forbes, the man was not a delinquent member and was not in the truck dues.

Spokane (Wash.) Building Trades Council announces "no increases in the present scale of wages or working hours are contemplated during the present building season."

By a vote of three to two the Oakland city council has passed an ordinance reducing cash bonds for plumbers from \$200 to \$100. The ordinance was passed after heated discussion regarding the posting of surety bonds in lieu of cash.

Union painters of Marin County will ply their brushes but five days a week hereafter. When the whistle blew last Friday evening it marked the end of the week's work. The five-day week was adopted by unanimous vote of the members of Local Union No. 83, Brotherhood of Painters, according to John R. Mazza, president of the Union, and M. J. McGuire, secretary-treasurer. The scale of wages will remain unchanged, the painters being paid for five instead of five and one-half days, on a scale of \$9 a day. They will hereafter receive \$45 a week instead of \$49.50. The difference will permit the employment of an additional man at no increase over the previous weekly wage scale.

Wm. H. George has been re-elected president of the San Francisco Builders' Exchange as have the other officers serving for the past year, comprising: Emil Hogberg, 1st vice-president; D. J. Sullivan, 2nd vice-president; Jas. H. Pinkerton, 3rd vice-president; R. J. Forbes, secretary and Alexander Mennie, treasurer.

Production of steel rails during 1927 in the United States is put at 2,806,390 gross tons by American Iron & Steel Institute, against 3,217,649 tons in 1926 and 2,785,257 in 1925. Output for 1926 was the largest since 1913 when the total was 3,502,780 tons.

Building News Section

APARTMENTS

Plans Being Figured.
APARTMENTS Cost, \$250,000
SAN FRANCISCO. Mission District.
One-story Class C steel frame and brick apartment building (50 apts., stores, offices and garage).
Owner—Withheld.

Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.
Engineer—James Smith, 251 Kearny St., San Francisco.
Two stories of the structure will be devoted to garage. One-story for stores and one floor for doctors' offices.

Plans Being Prepared
APARTMENTS Cost, \$—
SAN FRANCISCO. Franklin St., between Washington and Clay Sts.
Six-story steel frame and concrete apartment building (number of apts. not decided upon).
Owner and Builder—Manning-Baldwin, Inc., 485 14th St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Specifications Being Written.
APARTMENTS Cost \$15,000
SAN FRANCISCO. NE Church and Twenty-second Streets.
Two-story and basement frame and stucco apartment building (7 apts.)
Owner—George Reede, Humboldt Bank Bldg., San Francisco.
Architect—Bos & Quandt, Humboldt Bk. Bldg., S. F.
Bids will be taken in one week for general contract.

Contract Awarded.
APARTMENTS Cont. Price, \$90,000
SAN JOSE. Santa Clara Co., Cal. N. First St. and Hensley Ave.
Two-story frame and stucco apartment building (34 apts.)
Owner—C. W. Hobson.
Architect—Wolfe & Higgins, Realty Bldg. San Jose.
Contractor—Tynan Lumber Co. (L. C. Rossi, Mgr.), 1090 The Alameda, San Jose.

Plans Being Figured.
APARTMENTS Cost, \$50,000
SAN FRANCISCO. Thirty-sixth Ave. and Balboa St.
Three-story frame and stucco store and apartment building (3 stores, 32 rooms and garage).
Owner—Mr. Lamong.
Engineer—Thos. J. Keenan, 386 15th St., Oakland.
Bids are being taken for a general contract.

Contracts Awarded
APARTMENT Cost, \$60,00
SAN FRANCISCO. W San Jose Ave., N 25th St.; 3-story and basement frame and stucco apartment building (27 apts.)
Owner—C. Miller, Rm. 711, 110 Sutter St.
Architect—Albert W. Burgren, 110 Sutter St.
Contractor—Hinkel Bros.
Building permit applied for.

Sub-Bids Being Taken
APARTMENT Cost, \$150,000
SAN FRANCISCO. 20th and Irving Sts., 77x110; 6-story and basement steel frame and concrete store and apartment bldg. (48 2 and 3 room apts.)
Owner & Builder—Olaf Monson, 15 Plato Street.
Architect—H. C. Baumann, 251 Kearny Street.

Sub-Bids Being Taken.
APARTMENTS Cost, \$50,000
SAN FRANCISCO. N Chestnut Street W Franklin Street.
Three-story and basement frame and stucco apartment building (21 apts.)
Owner and Builder—Chas. D. Grandeman, 78 Johnson Ave., Campbell.
Architect—None.

Plans Being Completed
APARTMENTS Cost, \$150,000
SAN FRANCISCO. 9th Ave. and Judah Street.

Six-story steel frame and concrete apt. bldg., 90-rooms, all modern conveniences.
Owner and Builder—Cox Bros., 1950 Irving St.
Architect—H. C. Baumann, 251 Kearny.
Sub-bids will be taken in one week.

FRESNO, Fresno Co., Cal.—Architect S. Charles Lee, 531 Petroleum Securities Bldg., Los Angeles, has completed plans and Carl Peterson, 1047 Fortcamp St., Fresno, awarded contract to erect 2-story apartments to contain 37 rooms divided into 16 apartments; frame and stucco construction; cost, \$75,000.

Sub-Contracts Awarded.
APARTMENTS Cost, \$75,000
SAN FRANCISCO. NE Gough St. and Fern Ave.
Six-story and basement reinforced concrete apartment building.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.

Plans by Owner.
Refrigeration—Frigidaire Agency, 871 Mission St., San Francisco.
Plumbing—Henry Ernst, 551 Hayes St., San Francisco.
Steam Heating—C. Petersen Co., 390 6th St., San Francisco.
Electric Work—Collonan Elec. & Mfg. Co., 3211 Mission St., San Francisco.
As previously reported, concrete awarded to L. Le Lucca, 666 Mission St., S. F. reinforcing steel to Soule Steel Co., Rialto Bldg., S. F.; structural steel to Golden Gate Iron Works, 1541 Howard St., S. F.

Contract Awarded
APARTMENTS Cost, \$50
OAKLAND. Alameda County, Cal. SE Thirty-sixth Ave. and Redding St.
Three-story frame and stucco apartment building (48 rooms).
Owner and Builder—O. E. Jones and H. Andler, 254 Hobart St., Oakland.
Architect—Russell G. DeLappe, 1 Franklin St., Oakland.
Lumber and Mill Work—Tilden Lumber Co., Second and Harrison Sts., Oakland.
Plastering—B. Nelson, 4125 Mera St., Oakland.

LOS ANGELES, Cal.—Architect C. C. Frye, 526 Pacific National Bank Bldg., preparing plans for 5-story Class A apartments to be erected at Sunset Blvd. and Kenmore Ave., for E. J. Burton, 526 Pacific National Bank Bldg.; 134 rooms

divided into single and double apartments; reinforced concrete construction, L-shape, brick and terra cotta facing.

Sub-Bids Being Taken
APARTMENTS Cost, \$45,00
BERKELEY, Alameda Co., Cal. Telegraph Ave., bet. Bancroft and Alameda Way.
Three-story Class C-1 reinforced concrete store and apartment building (12 2-room apts. and 2 stores).
Owner—Addie H. Gorrill, 37 Bonita Ave., Piedmont.
Architect—McWethy & Greenleaf, 291 Telegraph Ave., Oakland.

Preparing Working Drawings
APT. BLDG. Cost, \$35,000
OAKLAND. Alameda Co., Cal., Merritt Ave.
Three-story and basement frame and stucco apt. bldg. (18 3-room apts.) terra cotta, tile roof.
Owner—Name withheld.
Designer—Irwin M. Johnson, Thayer Bldg., Oakland.
Will contain electric refrigeration, incinerator, steam heat, oil burner, 20-car garage with turn table.

Bids Opened
APARTMENTS Cost, \$12,000
SAN JOSE. Santa Clara Co., Cal. Santa Clara St. bet. 2nd and 3rd Sts.
Alterations to present two-story brick building (2 stores and 4 apts.)
Owner—Mr. Rampone.
Architect—Wolfe & Higgins, Realty Bldg. San Jose.
Low Bidder: Thomas Lannin, 312 So. 9th St., San Jose, \$12,060.
Other bidders were: Tallison & Baker, \$12,154; W. P. Green, \$12,117; Carl N. Swenson, \$12,592; Tynan Lumber Co., \$13,338; R. O. Summers, \$13,575; R. Roberts, \$13,850; Megna & Newell, \$14,224; John Glotta, \$18,554. All contractors from San Jose.
Bids taken under advisement.

LONG BEACH, Los Angeles Co., Cal.—Schilling & Schilling, Farmers & Merchants Bank Bldg., Long Beach, preparing plans 5-story and base. Class A store and apts. to be erected at Broadway and Linden Ave. for Broadway Land Co.; eight stores and 30 apartments; 100x150 ft., reinforced concrete construction.

LONG BEACH, Los Angeles Co., Cal.—Architects Dedrick & Bobbe, 901 Heartwell Bldg., Long Beach, preparing plans for a 4-story brick apt. to be erected at Third St. and Elm Ave. for Leo Drayer; 50x150 ft., eight stores and 30 apts.; cost, \$100,000.

Electrical Contract Awarded
APT. & STORE BLDG. Cost, \$19,845
BURLINGAME. San Mateo Co.; Burlingame and Lorton St.
Three-story steel frame and concrete apt. and store bldg. (five 3, 4, and 5 room apts. and several stores).
Owner—Mrs. Nina Mayer, 240 Park Rd., Burlingame.
Architect—B. L. Norberg, 580 Market St., San Francisco.
Contractor—Black & Campbell, Call Bldg., San Francisco.
Electric Wiring—M. E. Ryan, Redwood City.
As previously reported: Plumbing contract awarded to Jos. Grimes, 245 California St., Burlingame.


BONDS

BAKERSFIELD, Kern Co., Cal.—Bardsley School District votes bonds of \$120,000 to finance erection of new school building. J. M. McIntosh, A. B. Tieck and Chas. Zuercher are trustees of the district.

TULARE, Tulare Co., Cal.—Election will be held April 28 in Liberty School District to vote bonds of \$7,000 to finance school improvements. Trustees of district are: Clarence Baxley, J. T. Ripley and Anna M. Powell, clerk.

Orders Inquiries

60
pages
Send
for
FREE
COPY



Can be
Secured
by
MAIL

**POLK'S REFERENCE BOOK
and Mailing List Catalog**

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

ELIOT DISTRICT, Contra Costa Co., Cal.—City will vote bonds to issue bonds to finance erection of new school building. Plans for the building are: A. F. Nelson, J. W. Krautner and E. O. Mitchell.

FAIRFELD, Kern Co., Cal.—Election will be held April 27 in Avian School District to vote bonds to finance erection of new school. Trustees of district are: A. F. Nelson, J. W. Krautner and E. O. Mitchell.

CHICO, Butte Co., Cal.—Chico Elementary School District will vote May 1 on proposition to issue bonds of \$10,000 for purchase of school improvements, \$7,500 for 2-classroom addition to Paradise school, and 4-classroom school in 13th St. Addition estimated cost \$22,000. Bldgs. will be completed from general fund of school district. Plans for the improvements will be prepared by Cole and Bannard, architects, Chico.

SAN DIEGO, Cal.—Election will be held May 15 to vote bonds of \$2,188,000 to finance erection of new schools and additions to present structures in addition to purchase of additional sites.

PORTERVILLE, Tulare Co., Cal.—City will call election May 1 to vote bonds to finance purchase of lands for civic center. Building improvements will be financed via a bond issue to be called at a later date.

POMONA, Cal.—Election will be held May 8 to vote bonds of \$200,000 for a new Junior High School, \$125,000 for a new grade school and \$10,000 to remodel Emerson Junior High School. T. C. Kistner & Co., DeWilder Bldg., Los Angeles, architects.

SAN RAFAEL, Marin Co., Cal.—Election will be held April 27 in American Valley Joint Elementary School District to vote bonds of \$8000 to finance erection of new school. District is located in Marin and Sonoma counties. Trustees of district are: Peter Bianchi, L. C. McDonnell and E. J. Cunningham.

MERCED, Merced Co., Cal.—Until April 16, bids will be received by county supervisors for purchase of \$25,000 bond issue of Los Banos School District; proceeds of sale to finance additional classrooms to present school.

DELANO, Kern Co., Cal.—April 28 is date set in Delano Joint Union High School District to vote bonds of \$75,000 to finance school improvements. Trustees of district are: O. A. Clasen, J. E. Swanson, Chas. M. Kiggins and Harry R. Devanny. Chas. Biggar, Bank of Italy Bldg., Bakersfield, architect.

SAN LEANDRO, Alameda Co., Cal.—City defeats proposal to issue bonds of \$50,000 to finance erection of new fire station.

REDWOOD CITY, San Mateo Co., Cal.—City votes bonds of \$10,000 to finance erection of new firehouse in western section of city.

REDWOOD CITY, San Mateo Co., Cal.—City defeats proposal to issue bonds to finance construction of pedestrian subway across El Camino Real at Broadway.

CHURCHES

WOODLAND, Yolo Co., Cal.—Construction will be started at once on a one-story frame community hall and club building at Castle and Oak Sts., for Methodist Church; 32 by 50 ft. Will provide for temporary church quarters in addition to community hall facilities.

Plans Awaiting Approval.
CHURCH
SACRAMENTO, Cal.—Tenth Street, bet. O and P Sts.
Two-story brick building (auditorium seating capacity 150).
Owner—First Evangelical Church.
Architect—Jas. C. Peterson, California State Life Bldg., Sacramento.

WOODLAND, Yolo Co., Cal.—Methodist Episcopal Church, South, is taking bids to remodel the present edifice including removal of steeple, repairs to tower, roof and roof and repainting entire structure. Plans obtainable from Rev. C. P. Moore, pastor at Woodland.

Plans Being Completed.

CHURCH
OAKLAND, Alameda Co., Cal.—Twenty-ninth and Fairmont Aves.
One and two story reinforced concrete church building.
Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland and 246 S-First St., San Jose.
Bids will be taken in one week.

PHOENIX, Ariz.—First Baptist Church has raised \$200,000 to erect new church. Fitzhugh & Byron, Phoenix, architects.

SAN PEDRO, Los Angeles Co., Cal.—Fishback & Evans, 12 Cedar Way, Long Beach, will be awarded the general contract to erect brick and steel church at Tenth and Cabrillo Sts., for the Seventh Church of Christ, Scientist; George Howland Jr., 319 Story Bldg., Los Angeles, architect, will contain an auditorium to seat 1000 people, classrooms, assembly hall, reading rooms, etc.; brick and steel frame construction, 100x105 ft.; cost, \$125,000.

Sub-Contracts Awarded
CHURCH
GRANDVIEW, Butte Co., SW Oregon
Hazel Sts.
One-story reinforced concrete church bldg., seating capacity 300.
Owner—Grady Sacred Heart Church (Rev. Patrick Kennedy, pastor).
Architect—Harry Devine, 1405 41st St., Sacramento.
Contractor—Lindgren & Swinerton, California State Life Bldg., Sacramento.
Lumber—Diamond Match Co., Chico.
Cement—Pacific Portland Cement Co., 111 Sutter St. S. F.
Sub-bids are wanted on other portions of the work.

FACTORIES & WAREHOUSES

Structural Steel Contract Awarded
BUILDINGS
SAN JOSE, Santa Clara Co., Sanol and San Sevin Sts.
Group of steel frame buildings (one 4-story and two 1-story bldgs).
Owner—Pacific By-Products Co.
Architect—Engineering Dept. of California Packing Corp., 101 California St., San Francisco.
Structural Steel—Dyer Bros. Iron Wks., 17th and Kansas Sts., S. F., \$5314.25.
Bids on other parts of the work will be taken shortly.

Ice Machinery Contract Awarded.
BUILDINGS
FRESNO, Fresno Co., Cal.
Five one-story buildings, (pump house, offices, Supt. cottage).
Owner—Pacific Fruit Express Co., 65 Market St., San Francisco.
Architect—Engineering Dept. of Owner.
Contractor—Lynch Constr. Co., 1701 Zonal St., Los Angeles.
Ice Machinery—York Ice Machinery Co., 125-Fresno St., Fresno, at \$187,485.

FRESNO, Fresno Co., Cal.—Valley Van and Storage Co., warehouse, Santa Clara and P streets, suffers \$75,000 fire loss, April 5.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons

Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO

Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Contract Awarded
STOCKE BLDG.
RICHMOND, Contra Costa Co., Cal.
Ta re Terminal.
One-story reinforced concrete store building.
Owner—Santa Fe Railroad.
Architect—Engineering Dept. of owner, Los Angeles.
Contractor—Monson Bros., 251 Kearny St.

SACRAMENTO, Cal.—Pacific Petroleum Products Co. is conferring with J. V. Robinson, Sacramento representative, regarding purchase of site on which it planned to erect distributing plant.

FRESNO, Fresno Co., Cal.—Trewitt Shields Co., 1501 Pacific Southwest Bldg. Fresno, at approx. \$15,000 has contract to erect brick and concrete addition to warehouse of United Warehouse Co. at 350 O St., for lease to Haas Bros.

MARYSVILLE, Yuba Co., Cal.—Frank P. Doe Lumber Co., 7th and Yuba Sts. will construct additions for mill and storage quarters. H. Stuhr is manager company.

MODESTO, Stanislaus Co., Cal.—Modesto Terminal Co. will erect one-story reinforced concrete warehouse at 11th and D Sts. to be leased to Piggy Wiggly chain store. Est. cost, \$12,000.

OAKLAND, Alameda Co., Cal.—The following bids were received by G. B. Haggard, sec'y., City Port Commission, 42 Oakland Bank Bldg., to erect superstructure other than structural steel frame for Hangar No. 3 at Municipal Airport. Latourrette-Fical Co., 57 Clementina St. S. F., Prop. A., \$19,878; Prop. B., \$23,118; J. T. Walsh, Oakland, Prop. A., \$20,873; (b) \$26,000; East Bay Sheet Metal Works, Oakland, (a) \$20,984; (b) \$22,000; Superior Metal Products Co., Oakland, (a) \$21,774; (b) \$25,595. Bids taken under advisement.

OAKLAND, Cal.—Cahill Bros., 206 Sansome St., San Francisco, at approx. \$30,000 awarded contract to erect one-story reinforced concrete warehouse on western waterfront for Farr Terminal Co. Will contain approx. 30,000 sq. ft.

Steel Bids In—Under Advisement.
FACTORY BLDGS.
RICHMOND, Contra Costa Co., Cal.
Two 1-story steel frame and concrete factory bldgs. (100x500-ft. each).
Owner—Johns-Manville Co., Inc., of Cal., 159 New Montgomery St., San Francisco.

Engineer—H. J. Brunnier, Sharon Bldg.
Steel sash bids will be taken in one week. Buildings are to be completed by July 1st.

BISBEE, Ariz.—Phelps-Dodge Corp., Calumet & Arizona Mining Co. and New Cornelia Copper Co. acquire interest in Nichols Copper Co. and have complete arrangements whereby latter company will construct electrolytic copper refinery to refine all of the copper produced by the four companies.

LOS ANGELES, Cal.—Austin Co. of California, 777 E. Washington St., have prepared pre. plans and will probably erect automobile assembly plant on a 20-acre tract on north side of Randolph St., Laguna-Maywood industrial tract, for Willys-Overland Co.; brick and steel construction covering area bet. 300,000 and 400,000 sq. ft. Est. cost including equipment, \$1,500,000.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Cook's Oil Co., Seymour St., San Jose, will construct a \$15,000 distributing plant on site containing 4,000-sq. ft. in Linden avenue. Plant will be a distributor for the Cook Oil Burner.

RICHMOND, Contra Costa Co., Cal.—C. F. Kayser, 1016 San Pablo Ave., Richmond, has contract to erect one-story frame and stucco, 46 by 50 ft. warehouse in the 1000 block of San Pablo Ave., for Martin Griffin of East Oakland.

Plans Being Figured
ALTERATIONS
ELMHURST, Alameda Co., Cal.
Ave.; alterations to present plant.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—Engineering Dept. of Owner, Phillip Bush, Engineer.
Bids are being taken for a general contract.

SANTA CLARA, Santa Clara Co., Cal.—Hamm, Grant & Bruner, Inc., Engineers, 607 Ferguson Bldg., Los Angeles, are retained by the Pacific Manufacturing Co., Santa Clara, to prepare architectural and general plans for complete sash, door, and general woodwork at Santa Clara, Calif.: 1-story, 4x486 ft., brick and concrete walls, saw-tooth roof, cement floors, composition roofing, sprinkler system, tank and towing boiler hose and boiler plant, saw-dust bin, dust collection system, dry ins., power wiring, electric motors, etc.; 25,000.

LIVE OAKS, Sutter Co., Cal.—Growers this section are signing up acreage seeking to secure the establishment of a packing plant by the California Walnut Growers Ass'n. Sponsors of the movement are: I. C. S. Schidler, F. E. Thayer, F. Todd, and H. R. Ramsdell.

ids Opened.
HOP BLDG. Cost, \$11,000
AN JOSE, Santa Clara Co., Cal. Sixth and John Streets.
One- and two-story reinforced concrete machine shop building.
Owner—Mr. Pratt.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Low Bidder—C. F. Keesling, 798 Coe St., San Jose.
Other bidders were: F. J. Christopher, C. Rossi, \$11,830; Carl N. Swensen, 12,871; Thomas Lannin, \$12,351; Morrison Bros., \$13,577; R. O. Summers, \$13,633; J. D. Carlson, \$12,871. Above contractors of San Jose. Contract to be awarded to low bidders.

SACRAMENTO, Cal.—F. H. Bell, 1306 6th St., Sacramento, has contract to erect one-story frame and stucco, 30 by 10 ft., factory in C St., bet. 35th and 36th Sts., for Essential Products Co. of Porterville. Company will manufacture peppermint and by-products including menthol.

OAKLAND, Alameda Co., Cal.—Jasper Stacy Co., 216 Pine St., San Francisco, at 39 9-10 cents per cu. yd. was awarded the contract by City Port Commission for grading in rear of Fourteenth Street wharf.

BIGGS, Butte Co., Cal.—Mill of Western Rice & Seed Co. destroyed by fire April 8 with an estimated loss of \$50,000. Plant was owned by H. G. McClure.

SACRAMENTO, Cal.—California Co-operative Producers, Foot 14th St., Oakland, and Continental Can Co., 155 Montgomery St., San Francisco, will award a contract shortly for constructing a plant on English estate property near the Sacramento and American Rivers on a 95-acre site. The property is owned by H. Harris and associates of San Francisco. The cost of the cannery is placed at \$300,000 and the can plant at approximately \$1,000,000, including equipment.

RICHMOND, Contra Costa Co., Cal.—Construction has been started on a plant for the California Chemical Co. at San Pablo Ave. and Hill St.; will be approx. 40 by 70 ft. Steel and concrete construction. Structure is being erected by Albert Kessler, 817 Arlington Ave., Berkeley.

Structural Steel Contract Awarded.
PITTSBURG BLDGS. Cost, \$2,000,000
PITTSBURG, Contra Costa Co., Cal.
Two one-story steel frame and concrete factory buildings (100x500 ft. each).
Owner—Johns-Manville Co., Inc., of California, 159 New Montgomery St., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Structural Steel—Dyer Bros. Iron Works, 17th and Kansas Sts., San Francisco. (300 tons).
Steel sash bids will be taken in one week. Buildings are to be completed by July 1st.

Sub-Contracts Awarded.
FACTORY Cost, \$40,000
SAN FRANCISCO, SW Fifteenth Street and Potrero Ave. (140x100 feet).
Two-story reinforced concrete factory and warehouse building.
Owner and Builder—James H. Hjul, 128 Russ Bldg., San Francisco.
Plans by Owner.
Lessees—International Harvester Co.
Electrical Wiring—American Electric Co., 1702 Washington St., San Francisco.
Plumbing—Rodonni-Becker Co., 455 10th St., San Francisco.

MODESTO, Stanislaus Co., Cal.—Modesto Terminal Co. will erect cannery for lease to Stanley Triplett of Ceres; will involve an expenditure of \$12,000, including equipment.

GARAGES

Preparing Sketches.
ALTERATIONS Cost, \$—
SACRAMENTO, Cal. NW Tenth and L Streets, 60x120 feet.
Remodel present buildings for garage.
Owner—B. S. Berry, 110 Sutter St., San Francisco.
Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

Plans Being Prepared.
GARAGE Cost, \$5,000
BOYES SPRINGS, Sonoma Co., Cal.
One-story reinforced concrete garage building (150 car capacity).
Owner—Sonoma Properties Co., 58 Sutter St., San Francisco.
Architect—Jos. L. Stewart, Claus Spreckles Bldg., San Francisco.
Plans will be ready for bids in three weeks.

VALLEJO, Solano Co., Cal.—Samuel Weeks, 331 El Dorado St., Vallejo, granted permit by city council to erect \$3000 garage at s. e. Napa and Pennsylvania Sts.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO, Cal.—The Ingle Mfg. Co. at \$1664.75 submitted the only bid to Construction Quartermaster, Fort Mason, to furnish and install two oil burning ranges at Letterman General Hospital, Presidio. Bid taken under advisement.

COCO SOLO, Canal Zone.—Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, under Specification No. 5569, to construct seaplane hangar at Naval Air Station, Coco Solo, (three low bidders previously reported):

item 1, work complete; 2a, add or deduct from item 1 for asbestos covered corrugated metal in lieu of galvanized corrugated corner bearing steel; 2b, add or deduct for corrugated asbestos in lieu of galvanized corrugated copper bearing steel; 3, deduct from item 1 for the omission of all piling and pile driving; 4, deduct from item 1 for the omission of 3 sq. yds. of paving outside of hangar.

Austin Engineering Co., Inc., 566 Southern Blvd., New York City, item 1, \$169,775; 2a, add \$6,500; 2b, add \$1,500; 3, \$18,600; 4, \$10,800.

Standard Erecting Corp., 551 5th Ave., New York City, item 1, \$201,941; 2a, add \$5,550; 2b, add \$3,815; 2, deduct \$17,680; 4, deduct \$16,700.

Doullut & Ewin, Inc., 412 Maehrer Bldg., Mobile, Ala., item 1, \$208,700; 2a, add \$6,000; 2b, add \$2,000; 3, deduct \$11,800; 4, deduct \$10,000.

Donnell-Zane, Inc., 225 Broadway, New York City, item 1, \$197,095; 2a, add \$5,566; 2b, add \$1,500; 3, deduct \$15,000; 4, deduct \$15,376.

Newport Contracting and Engineering Co., Inc., Newport News, Va., item 1, \$161,500; 2a, add \$4,000; 2b, add \$2,000; 3, \$11,000; 4, \$11,000.

Edgewater Construction Co., Inc., 156 E. 42d St., New York City, item 1, \$269,-

490; 2a, add \$3,000; 2b, add \$800; 3, deduct \$18,900; 4, deduct \$19,300.

W. Horace Williams Co., 833 Howard Ave., New Orleans, La., item 1, \$215,000; 2a, add \$5,500; 2b, add \$2,000; 3, \$11,150; 4, \$12,135.

Wm. Y. Eaves & Carl G. Wopschall, 1524 La Baig St., Los Angeles, Cal., item 1, \$195,103; 2a, add \$2,850; 2b, add \$2,950; 3, deduct \$11,000; 4, deduct \$11,600.

SAN DIEGO, Cal.—Until April 25, 2 p. m. bids will be received by Supervising Architect, Treasury Department Washington, D. C., to fur. and install one freight elevator in U. S. Postoffice at San Diego. Plans obtainable from above office.

WASHINGTON, D. C.—Assistant Secretary of Commerce for Aeronautics Wm. P. McCracken, Jr., announces award of contract to General Electric Co. for 12 radio control stations and six radio beacons and to the Westinghouse Electric & Manufacturing Co. for 12 marker beacons to be established on the national airways. Both contracts involve an expenditure of \$155,277.

SAN FRANCISCO.—Until April 16, 2 p. m. bids will be received by U. S. Forest Service, Ferry Bldg., to fur. three 30-h. p. and three 60-h. p. crawler type tractors. Further information obtainable from above office.

WHEELER FIELD, T. H.—Bill has been passed in Washington authorizing \$597,000 appropriation for Wheeler Field, Hawaii.

SAN FRANCISCO.—Bill has been passed at Washington authorizing \$86,000 appropriation to finance const. of special and technical army air corps building at Crissey Field.

MARE ISLAND, Cal.—Bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5583, for automatic refrigerators at Mare Island Navy Yard Hospital. The work includes furnishing and installing nine refrigerators with motor-driven compressors, condensers, liquid receivers, expansion coils or units, wiring, piping and accessories. See notice under official proposals section in this issue.

SACRAMENTO, Cal.—Until April 16, 2 p. m. bids will be received by Adjutant General R. E. Mittelestaedt, 1019 Folsom Bldg., Sacramento, to fur. 17 kitchen ranges, f.o.b. San Luis Obispo, for National Guard Training Camp. Specifications and further information obtainable from above office.

YOSEMITE, Mariposa Co., Cal.—Expenditure of more than \$500,000 for development of roads, trails and bridges on floor of Yosemite Valley will be made during the current year, according to E. P. Leavitt, acting park superintendent.

VALE, Ore.—Bids are being received by U. S. Bureau of Reclamation, Vale, Ore., to construct Nyssa-Qyhee dam. 360 by 600-ft. Date for opening bids not set. Plans obtainable from above office.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8810, all yards, carpets and rugs as required during the fiscal year 1929, May 8.

Sch. 8811, eastern and western yards, wood and machine cap screws, April 24.

Sch. 8812, eastern and western yards, graphite grease, lubricating, mineral and graphite, April 24.

Sch. 8813, Mare Island, 44,000 lbs. packing case strapping, April 24.

Sch. 8817, western yards, wire cloth, April 24.

Sch. 8827, Mare Island and Puget Sound, nozzle ring sets, April 17.

Sch. 8829, Mare Island, 7280 ft. plow steel wire rope, April 24.

Sch. 8842, Mare Island, 60 water coolers, April 24.

VALE, Ore.—W. H. Puckette Co., Boise Idaho, at \$261,666 sub. low bid to U. S. Reclamation Bureau, to const. 10-mi. of Vale Canal. Winston Bros., Minneapolis Minn., next low at \$270,714.

CROWE GLASS CO.

675 Golden Gate Ave
Market 592

Equipped To Handle

Any Size Job.

DIRECT FACTORY BUYERS

NAPA, Napa Co., Cal.—State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, changes date from May 1 to May 2, to open bids to erect Assistant Physician's Cottage and Quarters for Day Attendants at Napa State Hospital.

BEVERLY HILLS, Los Angeles Co., Cal.—Architect Harbin Hunter, 728 S. Hill St., Los Angeles, commissioned to prepare plans for part 1 and 2-story Class A sanitarium to be erected for West Coast Sanitarium, Inc., 205 Detweiler Bldg., Los Angeles; will have accommodations for 30 to 40 people; concrete construction; cost, \$50,000.

FOLSOM, Sacramento Co., Cal.—Division of Architecture, State Department of Public Works, Forum Bldg., Sacramento, is preparing plans for \$40,000 hospital to be erected at Folsom state penitentiary.

HOTELS

Preparing Working Drawings.

HOTEL Cost, \$500,000
SAN FRANCISCO. Geary St. and Maggie Alley.

Thirteen-story Class A hotel building 250 rooms, 80% baths; all modern conveniences).

Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Bid Opening Extended.

HOTEL Cost, \$100,000
VALLEJO, Solano Co., Cal. Sonoma and Capitol Streets.

Two-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).

Owner—La Casa De Vallejo (Harry Hendler and Isadore Meyers).
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.

Sub-Bids Being Taken.

ALTERATIONS Cost, Approx. \$50,000
SAN FRANCISCO. No. 838 Grant Ave. Alter and remodel apartment-hotel building.

Owner—Cuneo-Debendetti Estate.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—Jacks & Irvine, 72 New Montgomery St., San Francisco.
Construction has been started.

Completing Plans

HOTEL BLDG. Cost, \$5
GREENVILLE, Plumas Co., Cal. 2-story frame and stucco hotel bldg., (30-rooms).

Owner—Harry West.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Bids will be taken for a general contract in one week.

PHOENIX, Ariz.—A. B. Robbs, manager of the Hotel Adams, announces additional property adjoining hotel on Adams St. has been purchased and addition to contain 150 guest rooms will be constructed at once; reinforced concrete construction; cost, \$400,000.

GLENDALE, Los Angeles Co., Cal.—Chas. B. Stanford and Walter Shores, 1808 W. Main St., Alhambra want sub-bids for 4-story Class C store and hotel at Brand Blvd. and Lexington Ave., Glendale, for selves; plans by Earl C. Rahn, 3921 W. 6th St., Los Angeles, will contain 10 stores and 100 hotel rooms with 50% baths, 30% showers and 100% toilets, 150x104 feet; cost, \$125,000.

Preparing Working Drawings

HOTEL-CHURCH Cost, \$2,000,000
SAN FRANCISCO. NW McAllister and Leavenworth Sts.

Twenty-three-story class A steel frame and reinf. concrete hotel and church bldg.

Owner—Methodist Book Concern, 5 City Hall Ave.
Architect—Lewis P. Hobart, Crocker Bldg.

Engineer—T. Rosenberg, Crocker Bldg.
Contractor—Cahill Bros., 55 New Montgomery St.

The church will have a seating capacity of 1200, also a gymnasium and social hall. The hotel will contain 524 rooms, and 164 rooms equipped for housekeeping. Will be of Gothic type of architecture and will be modern throughout. The church will be known as the Temple Methodist

church, merger of the Central Methodist, Wesley, Howard and California churches. Hotel will be known as the William Taylor Hotel. J. H. McCallum, 748 Bryant St., is chairman of the downtown committee. It is expected to start construction about June 1.

MARYSVILLE, Yuba Co., Cal.—M. Gomez and William Bedeau, Marysville, contemplate rehabilitation of old Philadelphia Hotel at Second and C Streets which was recently declared unfit for human habitation. The entire structure will be reconstructed, according to present plans, only the brick walls being used in the rebuilding. Preliminary plans for the work are being prepared by Ralph Morrell, architect, Union Bldg. Stockton.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 P. M., April 20, bids will be rec. by water and power commission for oil circuit breakers, P-523. James Vroman, secretary.

LOS ANGELES, Cal.—Until 3 P. M., April 27, bids will be rec. by water and power commission for lead-covered cables under P-519. James P. Vroman, secretary.

TRUCKEE, Nevada Co., Cal.—NePage-McKenny Co., 589 Howard St., San Francisco, at \$9372 awarded cont. by Truckee Public Utility Dist. to const. electric distributing system.

TURLOCK, Stanislaus Co., Cal.—Pacific Tel. & Tel. Co., will expend \$40,000 in underground toll lines and exchange cables for future facilities in this district.

Contract Awarded
SUB-STATION Cost \$10,000
(exclusive of equipment to cost \$20,000).

WATSONVILLE, Santa Cruz Co., Cal. One-story reinforced concrete substation, 70x32 feet.

Owner—Coast Co. Gas & Electric Co., Russ Bldg., San Francisco.
Architect—Roller-West Co., 1st National Bank Bldg., San Francisco.
Contractor—Jack Renfrow, Watsonville, California.

EUGENE, Ore.—Bids will be asked at once by C. A. McClain, city water superintendent, to const. diversion dam and headworks, canal, forebay and penstocks, power house and tailrace in connection with Leaburg-Hydro-electric development as an addition to the existing power system, involving in the main: 940,000 cu. yds. excavation (all classes); 21,00 cu. yds. conc. Est. cost, \$1,500,000. Bids will be considered for the entire project or on separate units. Plans obtainable from Stevens & Koon, consulting engineers, Spalding Bldg., Portland, Ore.

PUBLIC BUILDINGS

SACRAMENTO, Sac. Co., Cal.—Al Simmonds, 2005 L St., Sacramento, was awarded a contract by State Department of Public Works for painting the armory. Contract price \$800.

Contract Awarded.
MACHINERY BLDG. Contract price \$89,112

SACRAMENTO, Sacramento Co., Cal. Fair Grounds.

Reinforced concrete machinery building. Owner—State of California.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Herdon & Finnigan, 1814 17th St., Sacramento.

SAN DIEGO, Cal.—Funds are being raised to erect \$250,000 fireproof building in Balboa Park for Natural History Museum. Clinton G. Abbott, director, announces \$125,000 has been promised from one donor provided an equal amount is raised from general public.

SAN FRANCISCO.—Sheriff Wm. Fitzgerald will recommend to supervisors the appropriation of funds to finance erection of a new county jail to replace the present structure in the Ingleside district.

NORTH SACRAMENTO, Cal.—City plans to bond for city hall and fire house. One proposal will provide \$29,000 for new firehouse and purchase of fire equipment and a second proposal for \$11,000 to finance erection of combined firehouse and city hall.

TULARE, Tulare Co., Cal.—Bids are being received (date for opening not set) by J. L. Wilder, secy., Tulare Free Public Library, 215 East Kern St., for painting woodwork and metal work on exterior of library; two coats of cement paint on four pilasters and clean all brick work. Further information obtainable from above.

PORTERVILLE, Tulare Co., Cal.—G. A. Graham, Dinuba, has been awarded contract at \$15,000 to erect rectory for St. Anne's Catholic parish; frame and stucco construction with tile roof and hardwood trim; cost, \$15,000.

YOUNTVILLE, Napa Co., Cal.—As previously reported, bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, May 8, 2 p. m., to erect two-story reinforced concrete barracks with cement finish floors and tile roof; est. cost, \$170,000. W. C. Hays, architect. First National Bank Bldg., San Francisco. Separate bids are wanted for mechanical work, including plumbing, heating and electrical work. Separate bid will also be considered for electric work and for plumbing and heating. Combined bids will be received for all three branches of the latter. Geo. B. McDougall, state architect. See call for bids under official proposal section in this issue.

PHOENIX, Ariz.—Until May 21 bids will be received by Maricopa County Commissioners and City Council of Phoenix for erecting new joint county court house and city hall building. Plans obtainable from clerk of board of supervisors on deposit of \$40. Will be 6-story faced with terra cotta or stone. The county has an appropriation of \$750,000 available for its portion of building and city's portion is estimated to cost about \$250,000. Edwin F. Neild, Shreveport, La., architect for the county and Lescher & Mahoney, Phoenix, architects for city.

MARTINEZ, Contra Costa Co., Cal.—County supervisors contemplate erection of additions to courthouse or the leasing or erection of new building to house county officers. Present courthouse unable to accommodate demands for office space.

Contract Awarded.
POUND BLDG. Cost, \$5500
PETKELEY, Alameda Co., Cal. One-story frame and rustic pound building.
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—Heath & Wendt, 2116 Allston Way, Berkeley.

DELANO, Kern Co., Cal.—Voters authorize transfer of funds totaling \$5,074.86 to finance erection of first unit of new city hall.

RESIDENCES

Bids In—Under Advisement.
RESIDENCE Cost, \$10,000
REDWOOD CITY, San Mateo Co., Cal. White Oaks District.
Two-story frame and stucco residence. Owner—W. P. Archibald.
Architect—Arthur Lamb, 605 Market St., San Francisco.

Plans Being Figured—Bids Close April 13
RESIDENCE Cost, \$12,000
WALNUT CREEK, Contra Costa Co. Two-story and basement frame residence (9 rooms, 2 baths; Spanish type)
Owner—Elvin Lee.
Architect—Raymond De Sano and Lynn Bedwell, 271 10th St., Richmond.

Plans Being Figured
RESIDENCE Cost, \$15,000
OAKLAND, Alameda Co., St. James Wood.
Two-story frame and stucco residence, 9 rooms, 2 baths.
Owner—J. W. O'Neill, Central Bk. Bldg., Oakland
Architect—W. E. Schirmer, 700 21st St., Oakland.

Let Opened
FORMERLY Cost, price, \$41,941
NEAR LAVERMORE Alameda Co., Cal.
 1st Ave. Farm.
 Two-story class A dormitory building
 accommodations for 25 children and
 isolation work.
 Owner—Alameda County (Tuberculosis
 Assn.), 121 E 11th St., Oakland
 Architect—Henry H. Meyer, Kohl Bldg.,
 San Francisco
 Low Bidders—The Minton Co., Palo Alto.
 Other bidders were H. H. Larsen, S.
 F. \$13,941; C. H. Bruce & Son, \$11,339;
 John E. Branagh, Oakland, \$46,300; E.
 Campenon, Oakland, \$19,783; E. T. Lefter
 & Son, Oakland, \$19,837; J. A. Bryant, S.
 F. \$41,196; Schuler & McDonald, Oakland
 \$41,737. Contract to be awarded April 12.

Plans Being Revised Cost, \$30,000
RESIDENCE
LOS ALTOS, Santa Clara Co., Cal.
 Two-story frame and stucco residence (8
 rooms and 3 baths).
 Owner—Frank Marini, 649 Green St., San
 Francisco.
 Architect—Louis Upton, 454 Montgomery
 St., S. F.
 Contractor—William Short, 2121 Waverly
 St., Palo Alto.

Plans were formerly prepared by P.
 Richert, 12 Geary St., who recently passed
 away.

Sub-Bids Wanted. Cost, \$18,000
RESIDENCE
SAN JOSE, Santa Clara Co., Cal. Fair-
 way Park.
 Two-story frame and stucco residence (9
 rooms and 2 baths).
 Owner—Mr. Klein.
 Designer and Manager of Constr.—Her-
 man Krause, 243 N-Ninth St., San
 Jose.

Plans Being Figured. Cost, \$10,000
RESIDENCE
OAKLAND, Alameda Co., Cal. Oak
 Knoll.
 Two-story frame and stucco residence
 (English type).
 Owner—Dr. A. Tichenor, 1906 Franklin
 St., Oakland.
 Architect—Douglas Stone, 354 Hobart St.,
 Oakland.

Completing Plans Cost, \$5000
RESIDENCE
ATHERTON, San Mateo Co., Cal.
 One-story rustic residence (5 rooms).
 Owner—Sig Kauffman.
 Architect—Wm. Garren, DeYoung Bldg.,
 San Francisco.
 Plans ready for bids in 10 days.

Plans Ready For Bids In Two Weeks. Cost, \$75,000
RESIDENCE
SAN JOSE, Santa Clara Co., Cal. Mt.
 Hamilton Foothills.
 Two-story frame and stucco residence,
 tile roof, all modern conveniences.
 Owner—William Haller, 75 S-Second St.,
 San Jose.
 Architect—Warren Skillings, Garden City
 Bank Bldg., San Jose.
 As previously reported, excavating
 awarded to J. R. Madden, 911 Bryant St.,
 Palo Alto; concrete to Megna & Newell,
 79 W-San Fernando St., San Jose.

Preliminary Plans Being Prepared. Cost, \$17,500
RESIDENCE
RAYWOOD, San Mateo Co., Cal.
 One-story hollow tile residence (8 rooms
 and 4 baths).
 Owner—Mr. Reynolds.
 Architect—Grimes & Scott, Balovich
 Bldg., San Mateo.

Completing Plans. Cost, \$17,500
RESIDENCE
RAYWOOD, San Mateo Co., Cal.
 Two-story frame and stucco residence
 (8 rooms and 3 baths).
 Owner—Withheld.
 Architect—Grimes & Scott, Balovich Bldg.
 San Mateo.

Preparing Working Drawings Cost, \$15,000
RESIDENCE
WOODSIDE, San Mateo Co., Cal.
 One-story frame and stucco residence
 with tile roof (9 rooms and 3 baths).
 Owner—Dexter Tight.
 Architect—Henry H. Gutterson, 526 Pow-
 ell St., San Francisco.

Bids In Under Advisement Cost, \$15,000
RESIDENCE
SAN FRANCISCO, E Soto Ave. N
 Lopez St.
 Two-story and basement frame and
 stucco residence.
 Owner—William M. McKay.
 Architect—W. H. Crim, Jr., 425 Kearny
 St., San Francisco.

Contract Awarded Cost, \$16 00
RESIDENCE
SAN RAFAEL, Marin Co., Cal. Culloden
 Park.
 Two-story frame and stucco residence (9
 rooms and 2 baths; terra cotta tile
 roof).
 Owner—A. L. Stewart.
 Architect—S. Heiman, 57 Post St., San
 Francisco.
 Contractor—Leibert & Trobeck, 185 Stev-
 enson St., San Francisco.

Contract Awarded. Cost, \$4000 each
BUNGALOWS
OAKLAND, Alameda Co., Cal. Twenty-
 first Ave. and E-14th St.
 Two one-story frame and stucco bunga-
 lows.
 Owner—John Carlson.
 Architect—Guy L. Brown, American Bank
 Bldg., Oakland.
 Contractor—K. A. Johnsen, 2429 13th
 Ave., Oakland.
 Construction to start immediately.

Contract Awarded. Cost, \$—
RESIDENCE
BERKELEY, Alameda Co., Cal. Clare-
 mont Blvd.
 Two-story frame and stucco residence (10
 rooms and 5 baths).
 Owner—Mr. and Mrs. S. Williams.
 Architect—Miss Julia Morgan, Mer-
 chants' Exchange Bldg., San Fran-
 cisco.
 Contractor—D. B. Farquharson, 354 Ho-
 bart St., Oakland.

FAIRFIELD, Solano Co., Cal.—Fisher
 & Franklin, Fairfield, have contract to
 erect two one-story frame and stucco
 bungalows for Solano Investment Co.
 in vicinity of Delaware St., bet. Greaf
 Jones and Taylor Sts.; est. cost \$5000
 each. Spanish type.

FAIRFIELD, Solano Co., Cal.—Evens
 and Pyle, Fairfield, awarded contract for
 plumbing in connection with 12 bunga-
 lows to be erected by F. M. Garish at
 camp ground and hotel site. Noah Adams
 Lumber Co., awarded contract for lum-
 ber. A hotel building will also be erect-
 ed in connection with this project when
 the bungalows are complete.

SAN ANSELMO, Marin Co., Cal.—Sta-
 White, local contractor, has contract to
 erect \$8,000 Spanish type residence in
 Westland Park, new subdivision on the
 north side of the highway at Highlands,
 for R. A. Carey, real estate operator of
 San Anselmo.

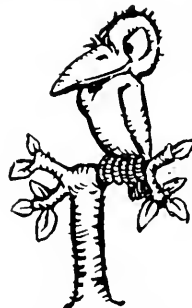
Revised Plans Complete Cost \$50.00
RESIDENCE
SANTA CRUZ, Santa Cruz Co., Cal.
 Two-story frame and stucco residence
 with tile roof and keeper's cottage.
 Owner—T. S. Montgomery, 40 W-San An-
 tonio St., San Jose.
 Architect—Weeks & Day, Financial Cen-
 ter Bldg., San Francisco.
 Bids will be taken shortly.



NOTE:—The following story appeared in these columns in March, 1926, and there were so many favorable comments that it surprised even Sandy Pratt, the author of the same. Sandy prints it again. Is the story worth a reprint?

SHE WAS a yellow canary.
 HE WAS a wild one.
 AND HELPED her to escape.
 FROM THE brass cage.
 THEY SPENT their honeymoon.
 ON THE Yuba River.
 WHERE SANDY Pratt, President.
 OF THE Pratt Building Material Co.
 PRODUCES MARYSVILLE sand.
 AND FROM Marysville, California.
 THEY MOVED to Sacramento.
 HE WANTED to build the nest.
 NEAR THE American River.
 WHERE SANDY also digs sand.
 AND WHERE there was freedom.
 AND PLENTY of wild feed.
 SHE WAS a "downtown girl."
 LIKED JAZZ, bright lights.
 AND DELICATESSEN store food.
 SHE WON the argument.
 THEY BUILT their nest.
 IN A sidewalk tree.
 AT SIXTEENTH and K Streets.
 OVER SACRAMENTO'S downtown traffic.
 NEAR THE bright lights.
 THEY RAISED three children.
 ALL GIRLS, if you please.
 WHO CRITICISED dad.

FOR HIS old fashioned ideas.
 ABOUT THE open spaces.
 AND FOOD, mostly worms.
 THESE GIRLS liked prepared foods.
 AND DELICATESSEN store products.
 SO YOU see the bird world.
 IS MOVING along.
 WITH THE rest of us.
 IN THIS age.
 OF AUTOS, jazz, and canned goods.
 "I THANK you."



U. R. A. Singer, the wild canary who
 eloped with Miss Lotta Voice of Marys-
 ville (home of Sandy Pratt's Yuba River
 sand-producing plant). This "bird" at
 his wife's request, built his 1924 home
 at 16th and K Streets (Sacramento), just
 one mile from the Pratt Building Ma-
 terial Company's sand washing and pro-
 ducing plant on the American River, at
 the 12th Street Bridge. Sandy has other
 sand, rock and gravel plants at Pratt-
 rock, (near Folsom), Mayhew, (Sacr-
 mento County), and Pratto (Monterey
 County)—Central office, San Francisco.

PORTERVILLE, Tulare Co., Cal.—St. Anne's Catholic Church, Morton and F sts., granted building permit by city council to erect two-story rectory on church property. Est. cost \$15,000.

Plans Being Figured.
RESIDENCE Cost, \$40,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and brick veneer residence (20 rooms and 5 baths).
Owner—L. F. Lennox.
Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.

Bids Opened—Under Advisement
RESIDENCE Cost, \$25,000
SAN FRANCISCO, Lyon St. N Pacific Avenue.
Two-story and basement frame and stucco residence with terra cotta tile roof.
Owner—L. Weidenmueller, 344 Kearny St. San Francisco.
Architect—Powers & Ahnden, 605 Market St., San Francisco.

Plans To Be Prepared
RESIDENCE Cost, \$8,000
EL CERRITO, Contra Costa Co.
Two-story frame and stucco residence (4 rooms).
Owner—Jack Gaylor.
Architect—Edward Nickel, 24 California St., San Francisco.
Plans will be ready for bids in 30 days.

Sub-Bids Being Taken
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., 1004 Cragmont Ave.
One-story frame and stucco residence (5 rooms).
Owner—Dr. and Mrs. Church.
Architect—Edward Nickel, 24 California St., San Francisco.
Contractor—Harold Morton, 1542 Hearst Ave., Oakland.

Preparing Working Drawings
RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence (all modern conveniences).
Owner—Fred L. Humphrey, 852 Faxon Street.
Architect—Kent & Haas, 525 Market St.

SCHOOLS

Plans Ready For Bids In One Week.
ADDITION Cost, \$—
DUNSMUIR, Siskiyou Co., Cal.
One-story frame and stucco addition to present school (5 classrooms).
Owner—Dunsmuir Union High School District.
Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

Plans Being Prepared.
ALTERATIONS Cost, \$15,000
DEVONSHIRE HILLS, San Mateo Co., Cal. Alameda DeLas Pulgas Blvd.
Alterations and additions to present building for school (classrooms, recreation facilities, dormitory).
Owner—Charing Cross Kindergarten (Mrs. Corabel Stone, Founder).
Architect—Gilbert Hodgson, Box 95, San Carlos.
Will be known as the Cushman Peninsula School.

SACRAMENTO, Sac. Co., Calif.—McGillivray Construction Co., Folsom Blvd. Sacramento, at \$11,141, submitted low bid and was awarded the contract by Board of Education to complete track and football field for stadium at Sacramento Junior College grounds. Dean & Dean, architects, California State Life Bldg., Sacramento.

Plans Completed.
SCHOOL Cost, \$500,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and Eighty-eighth Ave.
Two-story brick school building (East Oakland High School).
Owner—City of Oakland Board of Education.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Electrical Engineer—Robert King, 2601 Kingsland St., Oakland.
Plans submitted to owner for approval. Bids to be advertised for shortly.

Plans To Be Prepared.
ALTERATIONS Cost, \$15,000
DEVONSHIRE HILLS, San Mateo Co., Cal. Alameda DeLas Pulgas Blvd.
Alterations and additions to present building for school (classrooms, recreation facilities, dormitory).
Owner—Charing Cross Kindergarten (Mrs. Corabel Stone, Founder).
Architect—Gilbert Hobson.
Will be known as the Cushman Peninsula School.

Plans Being Figured—Bids Close April 23, 7:30 P. M.
ADDITION Cost, \$65,000
BERKELEY, Alameda Co., Cal. Garfield School.
Two-story wing addition to school.
Owner—Berkeley Board of Education.
Architect—Jas. W. Plachek, Mercantile Bank Bldg., Berkeley.
Will contain cafeteria seating approximately 1000 pupils and 2 classrooms; will be two-story with foundations capable of carrying one additional story.

Preliminary Plans Being Prepared
SCHOOLS Cost, \$500,000
PIEDMONT, Alameda Co., Cal.
Three one-story reinforced concrete school buildings.
Owner—Piedmont Board of Education.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.
Bond election to be held May 7th.

Preliminary Plans Being Prepared.
SCHOOL Cost, \$50,000 first unit
Total cost, \$350,000
SAN FRANCISCO, Franklin Street and Broadway.
Three-story and basement reinforced concrete school building (6 classrooms; first unit of Parochial School).
Owner—St. Bridges School (Rev. J. P. Cantwell, Director).
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Figured.
SCHOOL Cost, \$500,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and Eighty-eighth Ave.
Two-story brick school building (East Oakland High School).
Owner—City of Oakland Board of Education.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.
Electrical Engineer—Robert King, 2601 Kingsland St., Oakland.
Date of opening bids not set.

Plans Being Figured.
SHOP BLDGS. Cost, \$70,000
OAKLAND, Alameda Co., Cal. East Oakland High School.
Two frame shop buildings.
Owner—City of Oakland Board of Education.
Architect—Miller & Warnecke, 1401 Franklin St., Oakland.
Date of opening bids not set.

EUREKA, Humboldt Co., Cal.—C. M. Smith, fortuna, at \$20,000 submitted low bid to Arcata Union High School District to erect two-story frame and brick veneer manual arts building, 75x115-ft. Newton Ackerman, architect, Eureka. Other bidders taken under advisement, were: Halsby and Lax, \$30,419; R. E. Shaw, \$31,959; Mercer-Fraser Co., \$31,999; Frank Johnson, \$32,192; Maurer and Son, \$32,500; Slingsby and Winkler, \$34,752; George Hognin, \$36,075.

SAN FRANCISCO.—Due to error in compilation of bids on the general construction of the Edward Robeson Taylor school, the names of several bidders were omitted. The following is a complete list of bids for general construction:

Amoroso & Filippis.....	\$68,500
F. S. Hansen.....	68,889
Peter Sorenson.....	69,444
Anderson & Ringrose.....	70,000
Barrett & Hilp.....	72,373
O. Monson.....	72,860
Meyer Bros.....	73,630
Vogt & Davidson.....	74,834
H. H. Larsen.....	77,349
F. J. Reilly.....	83,823

LIVERMORE, Alameda Co., Cal.—Rev. E. M. Looney, pastor, St. Michael's Ch., authorized by city to install oil burner and steam heating plant in St. Michael's School; also a 1,500-gal. underground tank.

SACRAMENTO, Cal.—George D. Hudnutt, Inc., 1915 S St., Sacramento, is taking sub-bids on the following in connection with the construction of the Lincoln School in block bounded by P, Q, 4th and 5th Sts. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be two stories reinforced concrete; 16 classrooms; estimated cost \$70,000.

Brick work, mill work, painting, heating, plumbing, electrical, glazing, blackboards, tile and composition roofing, sheet metal and steel sash.

RIVERSIDE, Riverside Co., Cal.—Architects Rea & Garstang, Pacific South-west Bldg., Los Angeles, preparing plans for gymnasium at Polytechnic High School for Riverside Board of Education; will have spectators' gallery with a seating capacity of 1600, locker and shower rooms, etc.; frame construction, steel trusses, 85x105 feet; swimming pool; \$75,000.

COALINGA, Fresno Co., Cal.—As previously reported, bids will be received by J. A. Fluetsch, sec'y., Coalinga Union High School District, until May 2, 7 p. m., to erect gymnasium. Swartz & Ryland, architects, Rowell-Chandler Bldg., Fresno. Will be one-story concrete construction; estimated cost \$60,000. Cert. check 10% payable to sec'y. req. with bid. Plans obtainable from architects on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

PLACERVILLE, El Dorado Co., Cal.—El Dorado County High School District bond issue of \$175,000 sold for premium of \$11,808; proceeds of sale to finance erection of new high school, plans for which are being completed by Architects Davis-Pearce Co., Grant and Weber Sts., Stockton. Will be two-story Class B brick, containing 18-classrooms.

BERKELEY, Alameda Co., Cal.—Associated Students back proposal to erect \$140,000 wing addition to Stephens Union Building to house offices of student publications. Preliminary plans for the proposed structure have been approved by the Associated Students organization.

MARTINEZ, Contra Costa Co., Cal.—Andrew P. Hill, chief of the Division of School House Planning of the State Dept. of Education, will make a survey of school needs in Martinez. His report will include recommendation for a new junior high school.

COALINGA, Fresno Co., Cal.—Plans are on file in office of Building and Engineering News and may be inspected by those interested for proposed Coalinga High School gymnasium, bids for which will be opened May 2. Swartz & Ryland, architects, Rowell Bldg., Fresno. Bids are wanted on a segregated basis although general contract bids will be considered if same totals lower than segregated bids. Will be a one-story concrete structure; estimated cost, \$60,000.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

SAN FRANCISCO. Board of Education plans six major projects in the school building program during 1928-29, involving Balboa high school, Orinda and Colma Ave. third and final unit to complete, and additional class rooms, cafeteria and library, cost \$100,000; Park-Presidio Junior High School, Third and Geary Sts., complete new building with all necessary equipment to house 1,000 pupils, cost \$65,000; Francisco Junior High School, Stockton and 4th Sts., additional unit to contain a gymnasium and shops, cost \$175,000; Commodore Shoat Junior High School, additional including a gymnasium and shop equipment, to cost \$150,000; Ocean View Elementary School; new school, to provide facilities for elementary school children, cost, \$250,000; Geary Street Elementary School, bet. Blake and Cook Sts., north of Geary, will house children now in temporary accommodations provided at Roosevelt School; cost, \$75,000.

SAN FRANCISCO. Ambrosio & Filippis, 1336 Kearny St., at \$68,500 was awarded contract by Board of Public Works for general construction of Edward Robeson Taylor School in block bounded by Bacon, Goettingen, Burrows and Somerset Sts. Other awards follow: Painting, American Painting and Decorating Co., 938 Howard St., \$3,086; Electric Work, R. Flatland, 1899 Miscellaneous work, R. Flatland, 1899 Mission St., \$8,950; mechanical equipment, A. Lettich, 365 Fell St., \$8,283; finish carpentry, O. Monson, 231 Kearny St., \$10,200; plumbing, A. Lettich, 365 Fell St., \$5,270.

OAKLAND. Alameda Co., Cal.—The following bids were received by John W. Lugheand, Secy., Board of Education, 211 City Hall, to erect Durban school at 4th Ave. Place northeast of Trenor St. George O'Brien, architect, Federal Telegraph Bldg., Oakland. Will be one story, brick and concrete containing 6 classrooms.

General Work

A. Frederick Anderson, 1043 Longridge Road, Oakland \$6,414
Fred J. Westlund, Oakland 434
John J. Moore Co., Oakland 49,885
B. S. McIntyre, Oakland 49,932
John E. Brinagh, Oakland 50
Sullivan & Sullivan, Oakland 53,50

Awning Type Windows

Universal Window Co., 1916 Broadway, Oakland \$ 406

State Blackboards

R. W. King, 1924 Broadway, Oakland \$ 713
C. F. Weber, San Francisco 789
Bids taken under advisement.

VALLEJO. Solano Co., Cal.—Until May 8, 4 P. M., bids will be received by Elmer L. Cave, Secy., Board of Education, to fur. and del. school supplies, furniture and apparatus for school department. Cert. check 5% payable to Russell F. O'Hara, president of Bd. of Educ. reg. with bid. Lists of materials desired obtainable from Secy. on request.

SANTA BARBARA. Cal.—State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, completing plans for new economics and science building at State Teachers' College; reinforced concrete construction with the roof. \$165,000 is available for construction. Bids will be asked shortly.

OAKLAND. Alameda Co., Cal.—The following sub-contracts were awarded by E. T. Lore, 87 Ross Circle, in connection with the construction of a two-story frame and stucco addition for Horace Mann School at northwest Congress Ave. and Ygnacio St. Will contain four classrooms:
Reinforcing Steel—California Steel Co., Hobart Bldg., San Francisco.
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.
Sheet Metal Works—E. Anderson, 3103 San Pablo Ave., Oakland.
Roofing—G. L. Tyler, 351 Hobart St., Oakland.
Painting—Carl Friberg, 788 Brookwood Road, Oakland.
Plumbing and Heating—Carl T. Doell, 467 21st St., Oakland.
Mill Work—Loop Lumber Co., Lumber, Sunset Lumber Co.
Electrical Work—Roberts Manufacturing Co., San Francisco and Oakland.

SILVERTON. Ore.—Architect F. Marston, Secy., Chamber of Commerce Bldg., Portland, completing plans for \$100,000 high school to be erected for Silverton High School District; two stories in height, fireproof construction.

LOS ANGELES. Cal.—Following are low bids received by Regents of the University of California for various units in connection with chemistry and physics buildings now in course of construction at Westwood: Howe Bros., 1193 San Pedro St., Los Angeles, heating, \$9,000; Jones Heating Co., next low at \$98,300; Turner Co., San Francisco, third low bidder at \$100,920; H. H. Walker, 1323 Venice Blvd., Los Angeles, electric work at \$71,610; Lohman Bros., 232 S-Spring St., Los Angeles, plumbing \$158,500; United Electric Co., 424 S-Broadway, Los Angeles, vacuum cleaning service, \$1,120.

STOCKTON. San Joaquin Co., Cal.—Until May 9, 7:30 p. m. bids will be received by Ansel S. Williams, secy., Bd. of Education, to fur. and del. general school supplies. Lists of materials desired obtainable from secretary.

APTOS. Santa Cruz Co., Cal.—Architects Story & DeLange, Pajaro Valley Bank Bldg., Watsonville, completing plans for new school for Aptos School District for which bonds of \$23,000 were recently voted. Will be Mission type of architecture.

BANKS, STORES & OFFICES

Working Drawings Being Prepared.
EXCHANGE BLDG. Cost, \$500,000
SAN FRANCISCO. W. Montgomery St. S California St., 65x134 feet.
Four-story Class A exchange building; exchange room, board room and gallery, executive offices, printing department, recreation rooms, library, social hall, etc.
Owner—San Francisco Stock & Bond Exchange, 341 Montgomery St., San Francisco.
Architect—Miller & Pfueger, 580 Market St., San Francisco.
Advisory Architect—Warren C. Perry, 260 Montgomery St., San Francisco.

Contract Awarded.
LOFT BLDG. Cont. Price, \$52,010
SAN FRANCISCO. Adjoining present building at No. 1041 Market St. Seven-story steel frame and concrete loft building.
Owner—Weinstein Co., 1041 Market St., San Francisco.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

LONG BEACH. Long Beach Co., Cal.—P. J. Walker Co., W. M. Garland Bldg., Los Angeles, awarded the contract to erect three additional stories and alterations to Jergins Trust Co. office building at Pine and Ocean Aves., Long Beach, for the A. T. Jergins Trust Co. Plans were prepared by H. H. Lochridge, Jergins

Trust Bldg., Long Beach. Est. cost, \$500,000; structural steel frame construction; brick filler walls, reinforced concrete floors.

Contract Awarded.
STORE BLDG. Cost approx. \$24,000.
REDWOOD CITY. San Mateo Co., Cal. One and two-story Class C store-building.
Owner—Hare, Brewer & Clark, Inc., 13 University Ave., Palo Alto.
Architect—Ried Bros., 105 Montgomery St., San Francisco.
Contractor—L. Dioguardi, 30 W Poplar St., San Mateo.
These stores will be erected in conjunction with a Class A theatre covering property, 200x164 feet. Total cost, \$200,000.

Reinforcing Steel Contract Awarded
OFFICE BLDG. Cost, \$350,000
SAN FRANCISCO. NE Post and Mason Streets.
15-story wing addition adjoining present 15-story Class A medico-dental building.
Owner—Medico-Dental Bldg. Corp., 490 Post St., San Francisco.
Architect—George W. Kelham, 315 Montgomery St., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—George Wagner, 181 South Park, San Francisco.
Reinforcing Steel—Bart Falk Co., 74 New Montgomery St., San Francisco.
Other awards reported April 5, 1928.

Plans Completed.
STORE BLDG. Cost, \$10,000
ALBANY. Alameda Co., Cal. San Pablo Ave. near Solano St.
One-story frame and stucco store building (3 stores).
Owner—G. McElhenney, 420 17th St., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.
Plans are now in the owner's hands.

Contract Awarded.
ALTERATIONS Cont. Price, \$7903
SAN FRANCISCO. No. 237 Post St. Alterations and additions to store building.
Owner—Carl and Herman Bergfried, 115 Stockton St., San Francisco.
Architect—Ward & Blohme, 310 Sansome St., San Francisco.
Contractor—Braas & Kuhn Co., 1917 Bryant St., San Francisco.

MONROVIA. Los Angeles Co., Cal.—Citizens Bank plans erection of three or four-story building at White Oak and Myrtle Sts.; cost \$60,000. Security Trust & Savings Bank plans erection of building on opposite corner. Both projects will be started as soon as the plan for widening White Oak St. is settled.

BAKERSFIELD. Kern Co., Cal.—Moon and Moon, Bakersfield, have contract to erect Chinese cafe building at 801 Eighth street for Toy Din; estimated cost \$14,420.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Saturday, April 14, 1928

Sub-Contracts Awarded.OFFICE BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal. Location withheld.

Two-story and basement concrete and terra cotta office building for a bonding house.

Owner—Franklin Land Co.
Architect—Hugh White, Syndicate Bldg., Oakland.

Contractor—F. A. Muller, Syndicate Bldg., Oakland.

Lessee—Wm. Cavalier Co., 1st National Bank Bldg., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Concrete—J. H. Fitzmaurice, 354 Hobart St., Oakland.

Plumbing—Carl T. Doell, 467 21st St., Oakland.

Ornamental Iron—Pacific Iron Works, 1155 67th St., Oakland.

Brick Work—Herman Block, 1408 E-36th St., Oakland.

Sheet Metal—East Bay Sheet Metal Works, 1101 Market St., Oakland.

Roofing—A. K. Goodmundson, 45th Ave. and Clement St., Oakland.

Painting—Magnus Smith Co., 12 Cambridge Way, Oakland.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Plans Being Prepared.
BUILDING Cost, \$—
OAKLAND, Alameda Co., Cal. Fourteenth St., bet. Franklin and Broadway.

Interior finish for 2-story and basement concrete building.

Owner—William Cavalier Co., 1st National Bank Bldg., Oakland.

Architect—Hugh White, Syndicate Bldg., Oakland.

FRESNO, Fresno Co., Cal.—Henry Derner, Tulare and Broadway, will expend \$200,000 in remodeling and reconstructing the upper floor of the Dunn Block at Kern and Fulton streets for day light offices for professional men. His present store building at Tulare and Broadway will be vacated and will be moved to the remodeled structure.

Plans Being Prepared
BLDG. Cost, \$200,000
OAKLAND, Alameda Co., Cal. NW 29th and Summit Sts., (77x102); 5-story class "B" reinforced concrete medical building. (40 offices).

Owner—Group of San Francisco businessmen (names withheld).

Architect—Ashley, Evers & Hays, 525 Market St., S. F.

Sub-Contracts Awarded
OFFICE BLDG. Cost, \$350,000
SAN FRANCISCO. NE Post and Mason Streets.

15-story wing addition adjoining present 15-story Class A medico-dental building.

Owner—Medico-Dental Bldg. Corp., 496 Post St., San Francisco.

Architect—George W. Kelham, 315 Montgomery St., San Francisco.

Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—George Wagner, 181 South Park, San Francisco.

Mechanical Work—The Turner Co., 329 Tehama Street.

Cement—Pacific Portland Cement Co., 111 Sutter St.

Sand & Gravel—California Rock Co., Mills Building.

Lumber—J. H. McCallum, 748 Bryant St.

Face Brick & Terra Cotta—Gladding McBean Co., 660 Market St.

Elevators—Otis Elevator Co., 1 Beach St.

Bids are now being taken for reinforced steel.

As prev. rep., structural steel awarded Judson-Pacific Co., 609 Mission St., San Francisco.

LOS ANGELES, Cal.—Architects Allison & Allison, 1005 Hibernian Bldg., preparing plans for limit height Class A offices to be erected on the east side of Flower St., south of Sixth St. for Lincoln Mortgage Co. and to be known as the Los Angeles Bar Association Building; twelve stories with two basements for automobile parking for tenants; 110x165 ft., structural steel frame construction, Gothic style of architecture, terra cotta facing; cost, \$1,250,000.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1135 Van Nuys Bldg., complete plans for 3-story Class C building containing 11 stores, 9 studios and 9 apartments at 3501-19 Wilshire

Blvd. for Chas. C. and S. J. Chapman Co.; 96x155 feet; brick walls, structural steel; cost, \$135,000.

Sub-Contracts Awarded
STORE BLDG. Cost, \$10,000
OAKLAND, Alameda Co., Cal., Grand avenue.

One-story reinforced concrete Class C store bldg., 4 stores.

Owner—Harold Holmes.

Architect and Mgr. of Const.—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Concrete Work—E. Flener, 4th & Oak Streets, Oakland.

Brick Work—George Addison, 400 Maybelle St., Oakland.

Terra Cotta—Gladding McBean and Co., 22nd and Market Sts., Oakland.

Plastering—Elmer Davis, 1351 E. 24th St., Oakland.

Plans Being Figured
ALTER. & ADDITIONS Cost, \$15,000
SAN FRANCISCO, 1053-55 Market St.

Alterations and additions to present bldg. (store fronts, etc.)

Owner—F. & W. Grand, 5-10 & 25c Store, Inc.

Architect—Reid Bros., 105 Montgomery Bldg. permit applied for.

Contemplated.
BANK BLDG. Cost, \$250,000
ELKO, Nevada. Owl Corner.

Four-story reinforced concrete bank building, terra cotta finish.

Owner—Geo. Wingfield et al, 2324 Pacific Ave., San Francisco.

Architect—Welch & Scott, Reno, Nevada.

Engineer—E. A. Julia, 1 Montgomery St., San Francisco.

Bids Opened—Under Advisement.
STORE BLDG. Cost, \$45,000
OAKLAND, Alameda Co., Cal. Ninth St. and Broadway.

One-story steel frame and brick store building (9 stores, 100x125 feet).

Owner—Selah Chamberlain.

Architect—E. W. Cannon, 1924 Broadway, Oakland.

FRESNO, Fresno Co., Cal.—Brix Estate, Brix Bldg., Fresno, represented by Earl J. Penston, will expend \$200,000 in remodel the structure at 1127 Fulton St. Quarters to be occupied by Wilson's Confectionery and Restaurant will involve an expenditure of \$25,000 including fixtures and equipment to be installed. Refrigerating plant and cooling system will be provided in addition to kitchen equipment.

WILLOWS, Glenn Co., Cal.—Dr. C. W. Lund will remodel present one-story reinforced structure in Tehama street and add another story. Ground floor will be remodeled for stores; upper floor will contain nine offices. W. D. Peckham, Willows, contractor.

Contract Awarded
STOCK EXCHANGE Cost, \$12,000
SAN FRANCISCO. Pine and Montgomery Sts. (Barnes Bldg.)

Fitting up stock and bond exchange.

Owner—Carl Rals Co.

Architect—Kent & Hass, 525 Market St., San Francisco.

Contractor—Fink & Schindler, 228 13th Street.

Plans To Be Prepared.
OFFICE BLDG. Cost, \$100,000
BERKELEY, Alameda Co., Cal. Shattuck Ave. and Madison St.

Large office building (height and type of construction not decided upon).

Owner—Mason-McDuffie Co., 2045 Shattuck Ave., Berkeley.

Architect—Edwin L. Snyder, 2108 Shattuck Ave., Berkeley.

Contract Awarded.
ALTERATIONS Cost, \$12,000
OAKLAND, Alameda Co., Cal.—E Broadway S Twentieth St.

Alterations and additions to present building.

Owner—Twentieth Street - Broadway Realty Company.

Architect—None.

Contractor—P. J. Walker Co., 810 Oakland Bank Bldg., Oakland.

Building permit applied for.

SAN FRANCISCO—Summit Medical Building, Inc., capitalized for \$100,000, has been incorporated and plans erection of medical office building in San Francisco. Directors of the company are: W. S. Fitzgerald, F. C. Hutchens, and Wm. L. Holloway, all located in the Crocker Bldg., San Francisco.

Contract Awarded
OFFICE BLDG. Cont. price, \$79,567
SAN JOSE, Santa Clara Co., Cal., W-Santa Clara St.

Two-story concrete building (mail order house on 1st floor; offices, etc. on 2nd floor. Spanish type).

Owner and Builder—Normander-Campen Co., 220 W-Santa Clara St., San Jose.

Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; 246 S First St., San Jose.

Lessee—Montgomery-Ward.

Contractor—C. A. Thomas, 127 Clayton St., San Jose.

THEATRES

WILLOWS, Glenn Co., Cal.—Representatives of a large theatre syndicate are investigating proposal to erect modern theatre building in downtown section. A structure seating 1000 persons is contemplated.

Specifications Being Written.
THEATRE Cost \$100,000
MERCED, Merced Co.

Two-story class C theater bldg., seating capacity 1500.

Owner—Merced Theatre (Frank J. Alberti, mgr.)

Architect—Mark T. Jorgensen, 742 Market St., San Francisco.

Upon completion of specifications bids will be called for.

SALINAS, Monterey Co., Cal.—West Coast Theatres, Inc., according to G. A. Turner, manager of California Theatre, will spend \$6000 in remodeling old California theatre in Main St., bet. Market and Gabilan Sts. Work will involve new front, redecorating and new seating.

FRESNO, Fresno Co., Cal.—B. V. Collins, 1431 E. 16th St., Los Angeles awarded contract for marble and tile work for 8-story and basement Pantages Theatre and office building at Fresno. B. Marcus Priteca, Pantages Theatre Bldg., Los Angeles, architect. Earl B. Newcomb, Pantages Theatre Bldg.; Los Angeles, constructing engineer.

Electrical Contract Awarded.
THEATRE Cost, \$—
SAN RAFAEL, Marin Co., Cal. NW Fourth St. and Loutens Place.

Two-story concrete and terra cotta theatre and store building (seating capacity 1500; 4 stores).

Owner—Jacob Albert, Fourth and B Sts., San Rafael.

Architect—Reid Bros., 106 Montgomery St., San Francisco.

Contractor—Gagnon Bros., 21 Allman Ave., San Rafael.

Electric work—H. R. Ecklund Elec. Wks. San Rafael, at \$8531.

WHARVES AND DOCKS

OAKLAND, Alameda Co., Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at \$12,895 was awarded the contract by G. B. Hegardt, Secty., City of Port Commission, Oakland Bank Bldg., to erect office partitions and toilet rooms in Grove St. Pier shed.

Plans Revised—To Be Refigured
WHARF \$—
RICHMOND, Contra Costa Co., Waterfront.

Wharf (40x250) piling and mill construction.

Owner—Petroleum Securities Co.

Architect—Engineering Dept. of owner.

SAN PEDRO, Cal.—Los Angeles harbor commissioners authorized George F. Nicholson, harbor engineer, Berth 90, San Pedro, to prepare plans for addition to wharf and other work in connection with enlargement of the wharfage facilities of the California Petroleum Corp.

Est. cost, \$100,000, involving construction of 500 ft. addition to present wharf, dredging, large amount of riprap work, etc.

MANHATTAN BEACH, Cal.—Until April 26, 8 p. m. bids will be received by city to construct extensions or addition to Municipal Wharf at foot of Centre St., 25-ft. by 200-ft. Bond of \$15,000 req. of successful bidder. Cert. check 10% req. with bid. Plans obtainable from L. Price, city clerk, and from L. C. Hull, engineer, 1127 West Washington St., Los Angeles.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO.—Old Red Cross building, lately recently occupied by public school, suffers \$60,000 fire loss.

THERMALEITO, Butte Co., Cal.—C. H. Thompson heads committee gathering funds to finance construction of community swimming pool. Of total amount required \$100 has already been subscribed.

CONTRACT AWARDED.
MORTUARY BLDG. Cost, \$35,000.
OAKLAND, Alameda Co., Cal., St. 10th St. and Fruitvale Ave.
Two-story frame and stucco mortuary building.
Owner—Clarence N. Cooper, 3347 E 11th St., Oakland.
Architect—R. C. Schuppert, 1723 Webster St., Oakland.
Contractor—Gaubert Bros., 4735 Brookside Ave., Oakland.
Building permit applied for.

Preparing Working Drawings.
CHAPEL, ETC. Cost, \$60,000.
OAKLAND, Alameda Co., Cal. Eighth and Grove Sts.
Two-story hollow tile Class C chapel and undertaking parlor.
Owner—V. C. Pagorulo & Lewis, 952 8th St., Oakland.
Architect—Harris Allen, 1924 Broadway, Oakland.
Plans will be ready for bids in about two weeks.

SAN FRANCISCO.—Until April 16, 11 a. m. under Proposal No. 367, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to furnish 1,000 traffic buttons. Specifications and further information obtainable from above office.

MONTE RIO, Sonoma Co., Cal.—Everett L. Robertson, Petaluma at approx. \$18,000 awarded contract by C. W. Meadows, Monte Rio, to erect dance pavilion on bank of Russian River near Monte Rio.

Bids Opened—Under Advisement.
LAUNDRY. With equip., \$200,000.
SAN JOSE, Santa Clara Co., Cal. St. Johns St., bet. 14th and 15th Sts.
One-story reinforced concrete laundry building.
Owner—Temple Laundry.
Architect—Under & Curtis, 35 W-San Carlos St., San Jose.
Equipment—American Laundry Machinery Co., 912 Howard St., San Francisco.
Bids will be held under advisement for one week.

SAN JOSE, Santa Clara Co., Cal.—University of California has accepted state's financing plan to provide headquarters at San Jose for deciduous fruit experimental station, designed to study pest control in the Santa Clara Valley. The station will be in operation this summer.

FOLSOM, Sacramento Co., Cal.—Construction has been started by prison labor on new \$140,000 cellhouse at the Folsom state penitentiary. The structure will house 310 cells. Plans were prepared by Division of Architecture, State Department of Public Works, Forum Bldg., Sacramento.

Completing Plans.
DEPOT. Cost, \$27,000.
UKIAH, Mendocino Co., Cal.
Frame and plaster passenger and freight depot.
Owner—Northwestern Pacific Railroad Co., 61 Pine St., San Francisco.
Architect—Engineering Dept. of Owner.
Plans to be submitted to Railroad Commission for approval.

OAKLAND, Cal.—Until May 7, 10:30 a. m. bids will be received by Geo. E. Gross, county clerk, to fur. and install complete electrical equipment, conduits, electric wires, electric cables, telephones, telephone system, traffic signals, traffic signal system, electric gates, switchboards, panel boards, electric heaters, transformers, luminaires, etc. in the estuary subway. Cert. check 10% payable to clerk rec'd. bid. Plans on file in office of clerk. Geo. A. Posey, county surveyor.

SACRAMENTO, Cal.—Southern Pacific R. R. Co., 60 Market St., San Francisco, will expend approx. \$500,000 in the construction of locomotives and freight cars in Sacramento shops, it is announced by A. D. Williams, plant superintendent at Sacramento.

PITTSBURG, Contra Costa Co., Cal.—Harry E. Brandon, local contractor, has submitted proposal to city council to lease from city a portion of park site on which he will construct a swimming pool to be operated in connection with concessions and lunch counter. Site desired is 100 by 120 ft. Taken under advisement.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City calls election to vote bonds of \$5,000 to finance construction of concrete hillside sign to advertise the city.

Low Bidders.
UNDERTAKING PARLOR. Cost, \$17,000.
COLUSA, Colusa Co., Cal.
One-story frame and stucco undertaking parlor.
Owner—Sullivan Bros.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.

Low Bidders—Herndon & Finnegan, 1814 17th St., Sacramento and W. J. Shalz, Chico.
Both bids were approximately \$14,000.

Contracts Awarded.
MAUSOLEUM. Cost, \$100,000.
SAN PABLO, Alameda Co., Cal.
Reinforced concrete mausoleum, interior of marble and bronze.
Owner—Roman Catholic Archbishop.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Marble—Jos. Musto Sons—Keenan Co., 535 North Point St., San Francisco.
Sub-bids are wanted for reinforcing steel, ornamental iron, bronze, plumbing, electrical work, sheet metal, glass, plastering and brick work, etc.

SACRAMENTO, Cal.—State Agricultural Society Planning Committee and representatives of the Sacramento Women's Council, plans erection of fine arts building at State Fair grounds. It is proposed to include funds for the structure in the 1929 budget.

LOS ANGELES, Cal.—Until 12 m., April 21, bids will be received by C. Thornburn, purchasing agent, Pacific Electric Railway Co., 636 Pacific Electric Bldg., for creosoting 150,000 6x8-in. by 8-ft. fir ties and a quantity of switch and cross-timbers. Specifications and further information may be obtained from the purchasing agent.

LOS ANGELES, Cal.—Until 12 m., April 23, bids will be received by County Purchasing Agent, 132 N. Broadway, Los Angeles, to fur. approx. 685 tons of structural steel I-beams, 160 lbs. per ft., 18 to 35 ft. in length. Further information may be obtained at the above office.

PALO ALTO, Santa Clara Co., Cal.—City Engineer J. P. Byrbee completes plans for pedestrian subway at Mayne grammar school under El Camino Real. Estimated cost \$7,200. Bids will be asked shortly.

MONTE RIO, Sonoma Co., Cal.—C. W. Meadows, Monte Rio resort operator, announces construction will be started at once on a dance pavilion in Breen's Addition, north side of river, near the bridge; estimated cost \$15,000.

RICHMOND, Contra Costa Co., Cal.—Bids are being received by the Petroleum Securities Co., Richmond, for concrete foundations in connection with construction of wharf, tanks, warehouses, etc.

EUREKA, Humboldt Co., Cal.—California State Automobile Ass'n. at \$1,230-40 awarded contract by city to fur. and install 279 street traffic signs in various sections of the city. The bid includes bidder at \$1,395.

LOS ANGELES, Cal.—Until 9 A. M., April 18, bids will be received by Board of Education for construction of incinerator at Board of Education warehouse at 1425 S San Pedro St. Plans may be obtained at 761 Chamber of Commerce Bldg. Wm. A. Sheldon, secretary.

LOS ANGELES, Cal.—Until 12 m., April 27, bids will be received by the county purchasing agent, 132 N. Broadway, to fur. approx. 685 tons of structural steel I-beams, 160 lbs. per ft., 18 to 35-ft. in length. Specifications may be obtained from above.

SAN FRANCISCO.—Bids are being received by State Board of Harbor Commissioners, Ferry Bldg., to fur. and del. clamshell dredge and two scows. Date for bid opening not set. Frank G. White, chief engineer, Ferry Bldg.

OAKLAND, Cal.—Until May 7, 10:30 a. m. bids will be received by Geo. E. Gross, county clerk, to fur. and install metal dampers and ducts in the Oakland and Alameda ventilation buildings of the estuary subway. Cert. check 10% payable to clerk rec'd. with bid. Plans on file in office of clerk. Geo. A. Posey, county surveyor.

BUSINESS OPPORTUNITIES

12884—Timber. Queensland, Australia. British Consulate General, Alaska Commercial Bldg., 310 Sansome St., San Francisco, Calif., represents a firm of log exporters desirous of finding a market in this district for Queensland Timbers, such as silky oak and black walnut, also black bean and maple.

12889—Buying Representatives in Japan. Kobe, Japan, L. O. Abraham & Co., 50 Harima-machi, Kobe, Japan, old established company offer their services to San Francisco firms which are interested in handling Japanese merchandise. The company is experienced in purchasing general lines, such as toys, mats, matting, porcelain, lacquerware and sundries.
12890—Scrap Metals. Osaka, Japan, K. Kimura & Company, 10 I-Chome, Minami Horie Kamidori, Nishiku, Osaka, Japan, established importers of old metals, desire to establish business connections with San Francisco exporters of scrap metals of all kinds, for which material there is a large demand in Japan.

12891—Scrap Iron. Kobe, Japan, Belgoo-Nippon Trading Company, P. O. Box 188, No. 51 Harima Machi, Kobe, Japan, is in the market for scrap iron and desires to hear from San Francisco suppliers of that material. References given.
12892—Asbestos. Kobe, Japan, L. D. Abraham & Co., 50 Harima-machi, Kobe, Japan, established in Japan in 1890, supplying excellent commercial references, is very anxious to get in touch with a California firm, which is interested in the exportation of asbestos. They request a full range of samples of all grades and qualities with C. I. F., Kobe-Yokohama quotations, also all particulars regarding packing, etc. They wish to have one set of samples sent to their Kobe office and one set to their Tokyo office.

12895—Colombian Representation.—Medellin, Colombia, Luis Edo. Toro, Nacional No. 237, Aereo No. 40, Medellin, Colombia, established manufacturers' representative offers his services to San Francisco export houses wishing to market their products in Colombia.

D-2810—Lathe and Drill Chucks. New York, N. Y., Mr. E. R. Halpin, The Halpin Co., Inc., (Sales Division of The Westcott Chuck Co.) 11 West 42nd St., New York, N. Y., manufacturers of lathe and drill chucks, desire to appoint an individual or concern to carry their line in and around San Francisco. Their line is complete and their products have been on the market for the past 55 years.

D-2811—Floor Safes. St. Louis, Mo. Mr. Paul B. Waldin, Manager, Paul B. Waldin Company, 1044 Bell Telephone Bldg., St. Louis, Mo., is looking for a suitable district sales manager to handle their safes in this city, calling on chain store operators, as well as retail stores, oil companies, gasoline service stations, building contractors, etc.

D-2812—Reamers. Chicago, Illinois, Mr. W. D. Osborn, Director of Sales, Chadwick & Trefethen, 326 W. Madison St., Chicago, Illinois, manufacturers of a complete line of high quality reamers are interested in appointing a representative to handle their products in this territory.

D-2813—Leather Belting. Philadelphia, Pa. Mr. Dan MacGugan, Jr., Philadelphia, Belting Company, Sixth & Spring Garden Sts., Philadelphia, Pa., manufacturers of leather belting seek connection with San Francisco jobbers who could satisfactorily represent them in this territory.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—City notes to transfer \$75,000 fund to finance const. of four new bridges to replace structures in various sections of city.

SAN MATEO COUNTY, Cal.—Albert Mansfield, attorney representing other interests, will seek to have revocation of his Candlestick-Alameda bridge franchise by the San Mateo County Supervisors declared illegal. Mansfield claims the franchise granted him March 5 is still in effect.

OROVILLE, Butte Co., Cal.—T. H. Volk, Chico, lone bidder, at \$1,432.92 awarded cont. by county to const. bridge on Chohasset Rd. at China Ravine.

SACRAMENTO, Cal.—C. J. Nystedt, 205 Commercial Bank Bldg., Stockton, at \$224,117.86 awarded cont. by county to const. bascule steel bridge over Sacramento river at Freeport; 653-ft. in length with twodraw spans giving clear channel space of 200-ft.

VENTURA, Cal.—County Engineer Chas. W. Pettit has estimated cost of const. Bardsdale Bridge at bet. \$100,000 and \$120,000. Bids for const. of this bridge and one at 12th St., Santa Paula, will be asked at once.

SACRAMENTO, Cal.—County supervisors will meet with Sacramento city council April 16 to discuss proposal for bridge across mouth of American river and an underpass and roadway to connect it with 2nd St. Tentative estimates place cost of underpass and road at \$600,000.

SHASTA COUNTY, Cal.—Following are three low bids rec. April 11 by State Highway Comm. to const. reinf. conc. bridge over Boulder Creek about 4 mi. north of La Moine, consisting of one 8-ft. 3-in. open spandrel arch span and two 20-ft. 4-in. girder approach span:
Noble Bros., San Jose.....\$17,960
J. P. Brennan, Redding.....18,275
R. Johnson, Glendale.....18,525
Eng. Estimate.....17,532

OROVILLE, Butte Co., Cal.—Until May 9, 2:30 p. m. bids will be rec. by C. F. Belding, county clerk, to const. bridge over slough on Shippee Rd. Plans obtainable from County Road Eng. Harry H. Hume.

RENO, Nevada.—T. R. King, county surveyor, preparing plans for steel bridge over Truckee river near Walts Ranch, west of Verdi.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BIGGS, Butte Co., Cal.—Biggs Chamber of Commerce promoting proposal to const. ten miles of levee from a point near Robert Moore place at the intake of the Sutter-Butte canal from the Feather river to extend southward over such areas of land to afford a certain protection to Biggs, Gridley and Live Oak from further overflows of water.

OROVILLE, Butte Co., Cal.—City Eng. S. J. Norris recommends const. of levee 9-ft. high connecting with present Feather river levee at Safford St., near 5th Ave. and extending along Marysville Rd. to Ft. near Jewish Cemetery to avoid flood waters.

BENICIA, Solano Co., Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, at \$91,350 (17.4c cu. yd.) sub. low bid to city to place hydraulic earth fills, etc., within Benicia Reclamation District. (This work is for district). Pro-

ject involves 525,000 cu. yds. Longview Dredging Co., only other bidder at \$105,000 (20c cu. yd.). Referred to F. A. Steiger, engineer, Courthouse, Fairfield, for report.

BENICIA, Solano Co., Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, at 16.4c cu. yd. (\$50,760) sub. low bid to city for hyd. earth fills in various Sts., involv. 275,000 cu. yds. Longview Dredging Co. only other bidder at 19c (\$55,537). Referred to F. A. Steiger, engineer, Courthouse, Fairfield, for report.

OAKLAND, Cal.—American Dredging Co., 255 California St., San Francisco, awarded cont. by City Port Comm. for fill at warehouse in rear of 14th St.

VALE, Ore.—W. H. Puckette Co., Boise, Idaho, at \$261,666 sub. low bid to U. S. Reclamation Bureau, to const. 10 mi. of Vale Canal. Winston Bros., Minneapolis, Minn., next low at \$270,714.

IRRIGATION PROJECTS

MADERA, Madera Co., Cal.—San Joaquin River Water Storage District has agreed to pay the Miller & Lux interests \$8,750,000 for 550,000 acres of land on both sides of the San Joaquin river to enable the completion of the Friant Dam and San Joaquin river reclamation project. The project, for completion of which the district was formed four years ago, includes a dam across the river basin at Friant and 250,000 acre-feet of water will be impounded on the land bought for this purpose. The completion of the project calls for an expenditure of \$23,000,000, including building of the dam, main irrigation canals and purchase of farm lands to be sold to small farmers. Harry Barnes is chief engineer of the San Joaquin River Water Storage District.

GRASS VALLEY, Nevada Co., Cal.—Election will be called shortly in Nevada Irrigation District to vote bonds of \$2,592,000 to finance: Deer Creek storage reservoir (Scotts Flat); general extension of distribution system wherever justified by water demand in Nevada County; purchase of Pacific Gas & Electric Gold Hill and Ophir system in Placer County; connecting link between said systems and district's water supply in Bear River; general extension of distribution system wherever justified by water demand in Placer County; additional safeguards and 10% capacity increase in Bowman-Spaulling conduit to meet conditions of

Winter operation. Fred H. Tibbetts, consulting engineer, Alaska Commercial Bldg., San Francisco.

TURLOCK, Stanislaus Co., Cal.—Until April 30, 2 P. M., bids will be rec. by Anna Sorensen, Secty., Turlock Irrigation District, for imps. in Imp. Dist. No. 4, involv. Schedule 1—(Section 1)—5071 sq. ft. 2-in. thick conc. canal lining; (Section 2)—8298 sq. ft. 2-in. thick conc. canal lining; (Section 3)—5346 sq. ft. 2-in. thick conc. canal lining; Schedule 2—2 conc. structures involv. 3.2 cu. yds. conc.; Schedule 3—700 lin. ft. 36-in. dia. conc. pipe; Schedule 4—484 cu. yds. excavation, (hard pan); ditch to be 5-ft. bottom, 1 to 1 slopes. Cert. check 5% payable to Secty. req. with bid. Plans on file in office of Secty.

LIGHTING SYSTEMS

SALINAS, Monterey Co., Cal.—City declares inten. (70) to install ornamental conc. posts for street lighting system in Monterey St., bet. John St. and Southern Pacific R. R., includ. underground system. (Marbelite Corp. provisions). 1911 Act, Bond Act 1915. Protests April 23. M. R. Keef, city clerk. Howard Cozzens, city engineer.

AUBURN, Placer Co., Cal.—Chamber of Commerce will recommend to city trustees an increase in license fees of merchants to finance installation of additional street lighting system in business district.

TULARE, Tulare Co., Cal.—City declares inten. (132) to install ornamental electrolier system in portions of Inyo, L. ... and K Sts., involv. 28 standards together with underground system. Standards of Union Metal Mfg. Co. design 1891. 1911 Act, Bond Act 1915. Protests May 2. C. W. Cobb, city clerk.

BERKELEY, Alameda Co., Cal.—City council petition to include 59 electroliers in Ashby Ave., street lighting project, bet. San Pablo Ave. and Grove St.; est. cost \$270 each.

BERKELEY, Alameda Co., Cal.—Newberry-Pearce Electric Co., 439 Stevenson St., San Francisco, at \$3562 awarded cont. by city to install 14 Union Metal electroliers with underground system in Ashby Ave., bet. Grove St. and Shattuck Ave.

MACHINERY AND EQUIPMENT

SAN FRANCISCO.—Until April 16, 2 p. m., bids will be rec. by U. S. Forest Service, Ferry Bldg., to fur. three 30-h. p. and three 60-h. p. crawler type tractors. Further information obtainable from above office.

LAKEPORT, Lake Co., Cal.—West Coast Tractor Co., Santa Rosa, at \$2235 awarded cont. by city to fur. and del. 20-h. p. tractor.

CHICO, Butte Co., Cal.—Until April 18, bids will be rec. by Chas. Camper, secty., Board of Education, to fur. and del. motor school bus, 40-passenger capacity for use in Paradise district. Further information obtainable from secretary.

SAN FRANCISCO.—Bids are being rec. by State Board of Harbor Commissioners, Ferry Bldg., to fur. and del. clamshell dredge and two scows. Date for bid opening not set. Frank G. White, chief engineer, Ferry Bldg.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

RAILROADS

KLAMATH FALLS, Ore.—Great Northern Railway and Southern Pacific City and Port of Oregon, California and Eastern L. R., following a contract to rebuild 10 mi. line from Klamath Falls to Sprague river. Plans have been started.

RENO, Nev.—Western Pacific R. R. reported to be planning const. of 10 mi. of third gauge r. r. bet. Spruce Street and Milling district and Jasper in East Lake county. The line will be constructed provided 100,000 tons of milling material can be shown to be available.

MODESTO, Stanislaus Co., Cal.—Tentative plans for const. of r. r. connecting Turlock with the Santa Fe line are announced by Walter Beard, president of the Beard Land & Investment Co., est. cost \$100,000. Rights-of-way are being purchased.

PORTLAND, Ore.—W. F. Turner, superintendent of Oregon Electric R. R., announces const. will be started shortly on Albany-South Santiam-Lebanon logging r. r., bet. 50 and 60 miles in length.

BAKERSFIELD, Kern Co., Cal.—Southern Pacific Co., 65 Market St., San Francisco, will expend \$50,000 to extend double track from Silver to Bena, approx. 3-mi.

FIRE ALARM SYSTEMS

EUREKA, Humboldt Co., Cal.—Eureka Electric Co., Eureka, at \$6,240 awarded const. by city to rebuild city alarm system. Home Electric Co., Eureka, only other bidder at \$6,392.

FIRE EQUIPMENT

SANTA ROSA, Sonoma Co., Cal.—City votes to transfer \$20,000 fund to finance purchase of additional fire fighting equipment.

EUREKA, Humboldt Co., Cal.—Fred H. Lundblade Co., Eureka representative of American La-France Fire Engine Co., awarded contract by city to fur. and del. new 1,000-gal. per min. pumping engine and 50-ft. service truck for \$13,000 and \$9,500 respectively or both for \$21,152, allowing \$925 for old steam pump and horse drawn hook and ladder, no longer required by city.

NORTH SACRAMENTO, Cal.—City will call election shortly to vote bonds to finance purchase of fire fighting apparatus.

MADERA, Madera Co., Cal.—City votes bonds of \$25,000 to finance purchase of fire fighting equipment.

MISCELLANEOUS SUPPLIES

SAN DIEGO, Cal.—Until 11 a. m., April 20, bids will be rec. by City Purchasing Agent A. V. Goeddel to fur. 25,000 ft. 3/4-in. malleable copper tubing and 1000 ft. 1-in. malleable copper tubing, delivery to be within 60 days from signing of contract f. o. b. municipal pier, if by water, and f. o. b. yards, California and Grape Sts., if by rail. Cert. check, 5/27.

RESERVOIRS AND DAMS

POMONA, Cal.—Until 12 m., April 21, bids will be rec. by city to const. reinf. conc. reservoir 5,000,000-gal. capacity, with gate valves and overflow boxes and appurtenances. Plans obtainable from O. A. Gierlich, civil eng., 209 Bank of Italy Bldg., Montevia, on deposit of \$10, \$5 will be returned. Cert. check for 10%; T. R. Trotter, city clerk, P. O. Frohde, city engineer.

SAN DIEGO, Cal.—O. K. Parker, Los Angeles, appointed resident engineer in charge of const. at Sutherland Dam. Upon advice of Louis Hill, consulting engineer, all money available for dam will be put into actual construction of dam and not diverted to pipeline and conduit

as previously planned. A new bond issue of \$1,000,000 or more will be needed to construct the pipe line.

VALE, Ore.—Bids are being received by U. S. Bureau of Reclamation, Vale, Ore., to construct Nyssa-Ovhee dam, 360 by 600-ft. Date for opening bids not set. Plans obtainable from above office.

PIPE LINES, WELLS, ETC.

TULARE, Tulare Co., Cal.—George De Wolf, Tulare, at \$6,334 awarded const. by city to drill well at O St., plant of water works system. Huffman and Cexton, \$6,296; eng. est. \$6,900. Will be 600-ft. deep, 16-in. casing.

SEWAGE DISPOSAL PLANTS

WALNUT CREEK, Contra Costa Co., Cal.—City votes bonds of \$5000 for sewage farm imp.

WATER WORKS

SACRAMENTO, Cal.—Thomson-Diggs Co., awarded const. by city to fur. brass gate valves for city for balance of year 1923.

ARMONA, Kings Co., Cal.—E. W. Redman, Dudley St., Fresno, at \$19,958.70 sub. low bid to Armona Public Utility District to const. water system, involv. 1180 ft. 8-in., 5970 ft. 6-in., 9450 ft. 4-in., and 1700 ft. 2-in. c. i. pipe; one 30,000-gal. tank and tower; one turbine pump and motor and well. Other bids: all taken under advisement, were: Virginia Pipe Line Co., Taft, \$21,331.13; Wheelwright Constr. Co., Ogden, Utah and Lemoore, Cal., \$21,719.49; Prentiss Paving Co., San Jose, \$21,742.50. Bid of Jas. Young, Oakland, at \$13,000 was rejected as being incomplete and covered pipe line and fittings, omitting tank tower, well and pump. John B. Benedict, engineer, R. A. Box 131, Hanford.

SIERRA MADRE, Cal.—Until 7:30 p. m., April 24, bids will be rec. to reconstruct or replace in whole or in part, existing deep well turbine pump at City Well No. 2, Sierra Madre Tract. Spec. obtainable from city clerk, L. Dietz. Certified check or bond, 10%.

PLACERVILLE, El Dorado Co., Cal.—Pacific States C. I. Pipe Co., San Francisco, at \$3,041 awarded const. by city to fur. and del. pipe and fittings in connection with water system extensions. Other bids: Crane Co., San Francisco, \$3,051; Wm. Amstalden, Placerville, \$3,614.

SAN FRANCISCO.—Board of Supervisors set May 1 as date to vote bonds of \$41,000 to finance purchase of Spring Valley Water Works properties.

SAN FRANCISCO.—Board of Supervisors sets May 1 as date to vote bonds of \$24,000,000 to finance completion of Hetch Hetchy water project.

CALISTOGA, Napa Co., Cal.—City defeats proposal to issue bonds of \$80,000 to finance imp., to water system.

SACRAMENTO, Cal.—Until April 19, p. m. bids will be rec. by H. G. Denton, city clerk, to fur. and install one deep well pump at Del Paso Park. Cert. check, 10% payable to City Controller req. with bid. Spec. on file in office of clerk. Samuel J. Hart, city eng. See call for bid under official proposal section in this issue.

TORRANCE, Los Angeles Co., Cal.—Roscoe Moss Co., 4360 Worth St., awarded const. to drill water supply well at Dougherty-Stone Drill Corp. plant. Contract for 100,000-gal. steel water tank on 80 ft. steel tower awarded to Pittsburgh-Des Moines Steel Co., San Francisco. Hanna, Grant & Bruner, 607 Ferguson Bldg., Los Angeles, prepared the architectural and engineering plans for the plant.

LOS ANGELES, Cal.—City water dept., harbor branch, reports \$195,000 bond issue for a new municipal improvement district water system in Harbor City carried.

TRACY, San Joaquin Co., Cal.—City votes bonds of \$70,000 to finance extensions to municipal water system.

SACRAMENTO, Cal.—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$16,494 awarded const. by city to fur. and lay steel pipe for by-pass in connection with rehabilitation of filtration plant. Samuel A. Hart, city eng.

WALNUT CREEK, Contra Costa Co., Cal.—City votes bonds of \$6000 to finance imp., to water system.

SACRAMENTO, Cal.—Second election will be called shortly by Sacramento Public Utility District to vote bonds to finance const. of Silver Creek water project. Election held last year was defeated.

PLAYGROUNDS AND PARKS

MARTINEZ, Contra Costa Co., Cal.—City council has appropriated \$500 for landscape work in Alhambra High School grounds.

REDWOOD CITY, San Mateo Co., Cal.—M. A. Potts (Floral City Nursery) at \$465 awarded contract by county for landscape work at county relief home. West Coast Nursery only other bidder at \$650.

SEWERS AND STREET WORK

WOODLAND, Yolo Co., Cal.—Until April 18, 5 p. m. bids will be rec. by J. H. Lauenour, city clerk, to const. hyd. conc. walks in portions of 2nd St. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

WOODLAND, Yolo Co., Cal.—Until April 18, 5 p. m., bids will be rec. by J. H. Lauenour, city clerk, to const. hyd. conc. walks in portions of Walnut St. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SAN FRANCISCO.—Until April 18, 3 p. m. bids will be rec. by Board of Public Works to imp.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

aturday, April 14, 1928

CALIFORNIA.—County supervisors San Mateo and Santa Cruz and the supervisors of the city and county of San Francisco have approved creation of coastal highway involv. const. of 73 mi. of pave. way, along ocean bet. San Francisco and Santa Cruz; estimated cost \$5,300,000. Costs will be borne as follows: San Francisco 50%; Santa Mateo county 30%, and Santa Cruz county, 20%. The work will be undertaken by the three counties under the "Tri-Counties Joint Highway District."

VALLEJO, Solano Co., Cal.—Until April 11 a. m. bids will be rec. by Alf. E. Edgecumbe, city clerk, (140) to imp. Louisiana St. from Sutter St. to west line of Napa Rd., includ. crossings, involv. repave and repave with 6-in. conc. pave. consisting of 4-in. base course, 2-in. surface; 4-in. vit. house lateral sewers. 1911 Act, bond act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. T. D. Kilkenny, city engineer.

SACRAMENTO COUNTY, Cal.—Mandel & Starring, 2924½ 35th St., Sacramento, at \$24,426 (eng. est. \$25,875) awarded cont. by State Highway Comm. to const. rock borders and oil treat 13.1 mi. bet. McConnell Station and Sacramento.

BERKELEY, Alameda Co., Cal.—Jasper-Stacy Co., 216 Pine St., San Francisco, will be awarded contract by Regents of the University of California at (a) \$4,284.21 development and imp. Strawberry Canyon roads and (b) at \$10,637.75 general excavation, fill and grade site and roads for Poultry Research Station in Strawberry Canyon, Berkeley and Oakland.

SAN JOSE, Santa Clara Co., Cal.—As previously reported, bids will be rec. May 7, 11 A. M., by Henry A. Pfister, county clerk, to imp. portion of Congress Springs Rd., bet. long bridge and the Summit in Sup. Dist. No. 5. Project involves heavy grading; 155,474 cu. yds. excavation, unclassified, corr. culverts. Approx. 2 mi. in length. Robt. Chandler, county surveyor. Spec. on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—As previously reported, bids will be rec. June 4, 11 A. M., by Henry A. Pfister, county clerk, to imp. Watsonville Rd. in Supervisor District No. 1. Project involves 231,260 sq. ft. oil macadam pavement. Robt. Chandler, county surveyor. Spec. on file in office of clerk.

LOS ANGELES, Cal.—Will F. Peck, 1120 Las Palmas Ave., Los Angeles, awarded cont. by county at \$2,121,645 to const. storm drain system in Drainage District No. 23.

UKIAH, Mendocino Co., Cal.—City declares inten. (3) to imp. Scott St. bet. State and Pine Sts., involv. pave.; conc. curb, gutters; part circle culverts. 1911 Act, Bond Act 1915. Protests April 23. F. C. Handy, city clerk.

UKIAH, Mendocino Co., Cal.—City declares inten. (1) to imp. Perkins St. bet. Oak and Barnes Sts., involv. grade; conc. curbs, gutters; part circle culverts. 1911 Act, Bond Act 1915. Protests April 23. F. C. Handy, city clerk.

SALINAS, Monterey Co., Cal.—City declares inten. (69) to imp. Natividad St., bet. Market St. and S. P. depot, involv. grade and re-shape present water-bound macadam; const. hyd. conc. curbs,

gutters; 2½-in. asph. macadam pave. 1911 Act, Bond Act 1915. Protests April 23. M. R. Keefe, city clerk. Howard Cozzens, city engineer.

UKIAH, Mendocino Co., Cal.—City declares inten. (4) to imp. Stephenson St. bet. School and States Sts., and bet. State St. and Main St., involv. pave.; conc. curb, gutters; part circle corr. culverts. 1911 Act, Bond Act 1915. Protests April 23. F. C. Handy, city clerk.

GILROY, Santa Clara Co., Cal.—California Hacienda Co., Standard Oil Bldg., San Francisco, at \$79,935.85 sub. low bid to city to imp. Egleberry, 2nd, 4th, 5th, 6th, Martin, Lewis and other streets, involv. 299,764 sq. ft. 3½-in. asph. base, 2-in. Warrenite-Bit. surface pave.; 19,325 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in. conc. gutters; 1873 lin. ft. conc. curb; 3700 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; 150 ft. 6-in., 417 ft. 8-in., 1232 ft. 10-in. and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. c. i. sewer; 1110 ft. 15-in. and 440 ft. 18-in. storm sewer; 19 catchbasins; 1 conc. wall and apron; 6688 cu. yds. excavation.

California Constr. Co., San Francisco, \$92,503.90; Union Paving Co., San Francisco, \$96,102.21; Prentiss Paving Co., San Jose, \$98,505.56; Warren Constr. Co., Oakland, \$103,354.74; San Jose Paving Co., San Jose, \$105,506; Heafey-Moore Co., Oakland, \$109,923.40; H. B. Fisher, engineer, Growers Bank Bldg., San Jose. Bids taken under advisement until April 11.

Gilman Ave. bet. Third St. and Hawes Ave., involv. art. stone walks, (where not already).

Trumbull St. bet. Craut and Congdon Sts., involv. art. stone walks, (where not already).

Chestnut St. bet. Grant Ave. and Stockton St., involv. art. stone walks, (where not already).

Huron Ave. bet. Foote Ave. and Naglee Ave., involv. conc. curb; asph. conc. pave., (where not already).

Tioga Ave. bet. Rutland St. and pt. 765-ft. easterly, involv. conc. curb; conc. pave., (where not already).

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

SAN FRANCISCO.—Until April 18, 3 p. m. bids will be rec. by Board of Public Works to imp.:

Salmon St. bet. Pacific St. and Broadway, involv. art. stone walks, (where not already).

20th Ave. bet. Santiago and Taraval Sts., and Ulloa St. bet. 15th and 16th Aves., involv. art. stone walks, where not already).

48th Ave. bet. Lawton and Moraga Sts., involv. art. stone walks, (where not already).

½ of Harrison St. bet. 6th and 7th Sts., involv. art. stone walks, (where not already).

Victoria St. bet. Garfield Ave. and Shields St., involv. conc. curbs; side sewers; conc. pavement.

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. sewer with manholes, wye branches in Lots 2, 3, 4, 5, 6, 7 and 8, Block C. Toler Heights Tract. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

SANTA ROSA, Sonoma Co., Cal.—City votes to transfer \$10,000 fund to finance extension of sewer system.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Sterling, Columbia and Sunkist Drives involv. grade; curbs; gutters; pave; walks; corr. iron and conc. culvert. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

MERCED, Merced Co., Cal.—City plans 4-block addition to sewer system to connect up with buildings in area bounded by 11th, 12th, G and J Sts.; est. cost \$1840. G. E. Winton, city eng.

UKIAH, Mendocino Co., Cal.—City declares inten. (2) to imp. School St. bet. Church and Stephenson Sts., involv. pave.; conc. curbs, gutters; part circle corr. culverts. 1911 Act, Bond Act 1915. Protests April 23. F. C. Handy, city clerk.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Greenly Dr., involv. grade; curbs; gutters; pave; walks; conduits; storm water drain. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. 24th St., bet. Wood and Magnolia Sts., involv. grade; curbs; gutters; pave; conduits; sewers. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Funston Pl., involv. grade; curbs; pave; walks; wooden culvert. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—Until April 19, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Fruitvale Ave., involv. grade; curbs; pave; walks; 2 storm water drains; conduits; storm sewer. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

SAN FRANCISCO.—Mr. Johnston of Geo. T. Gerhardt Co., 745 Bryant St., (Kearny 280) is offering ½ car load of assorted sewer pipe fittings of first quality, 4-in. to 12-in. If interested communicate with above direct.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 16, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (410-C) to imp. Nevada St., bet. Columbia and Laguna St., and Laguna St., bet. Oregon and Nevada Sts., and Liberty St., bet. Nevada and Pelton Ave., involv. vit. clay pipe main san. sewer with wyes, br. manholes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Roy Fowler, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Clark & Henery Construction Co., Chancery Bldg., San Francisco, awarded cont. by city (1401) to imp. Oak St., bet. Brown and Hendley Sts., involv. grade; 4-in. macadam base, 3-in. asph. conc. surface pave.; hyd. conc. curbs and gutters. Unit bids: grade and pave 20¼¢; curb-gutters, 55¢; curb, 35¢; gutter, 65¢.

SANTA BARBARA, Cal.—Burns-McDonnell-Smith Engineering Corp., Western Pacific Bldg., Los Angeles, retained by Montecito Water District to make a survey of district for proposed sewer system.

VALLEJO, Solano Co., Cal.—Proceedings will be started at once by city to imp. Louisiana St., bet. Sutter St. and Napa Rd., involv. asph. conc. pave., 4-in. base, 2-in. surface. T. D. Kilkenny, city engineer.

SAN JOAQUIN COUNTY, Cal.—Frederickson Bros., 1st National Bank Bldg., Stockton, at \$203,847 (eng. est. \$246,609) awarded cont. by State Highway Comm. to grade and pave with Port. cem. conc. 6.8 mi. in San Joaquin county, bet. San Joaquin river and French Camp.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

TO STATE Highways, Cal.—City declares intent to imp. highway from Ocean to Pismo Beach, 32.2-mi. in length, incl. 10,000 sq. ft. asphalt base with 12-in. Warrenite-bit. surface pave.; 36,000 cu. yds. excavation; 8,000 cu. yds. gravel; const. timber bridge and reinf. concrete viaduct; retaining walls, culverts, etc. Hearing April 16. Acq. and Imp. Act 1915. S. G. Whittelsey, engineer, Pismo Beach.

SANTA ROSA, Sonoma Co., Cal.—City Eng. and Public Const. Co., Chancery Bldg., San Francisco, awarded cont. by spec. comm. to imp. Second St. bet. E. and F Sts., and F St. bet. 2nd and 3rd Sts., involv. grade, reconstr. water- and sewerage pipe to form 4-in. base with 3-in. asph. conc. surface. Unit bid for grade and pave 17¢; curb-gutter, 8¢; curb, 3¢; gutter, 6¢.

SAN LEUIS OBISPO, Cal.—County declares intent to imp. highway from Ocean to Pismo Beach, 32.2-mi. in length, incl. 10,000 sq. ft. asphalt base with 12-in. Warrenite-bit. surface pave.; 36,000 cu. yds. excavation; 8,000 cu. yds. gravel; const. timber bridge and reinf. concrete viaduct; retaining walls, culverts, etc. Hearing April 16. Acq. and Imp. Act 1915. S. G. Whittelsey, engineer, Pismo Beach.

LARKSPUR, Marin Co., Cal.—City trustees declares intent. (JJ-280) to imp. Estelle Ave. in Murray Tract, bet. Magnolia Ave. and south boundary of town, involv. grade; 4-in. asph. conc. pave.; conc. curb, gutter; conc. and iron catch-basins, 24-in., 12-in. corr. iron pipe culverts. 1911 Act, Bond Act 1915. Protests April 25. Belle C. Brown, town clerk. J. C. Oglesby, town eng.

MENLO PARK, Santa Clara Co., Cal.—Geo. C. DeGolyer, Bacon Bldg., Oakland, at \$11,964 sub. low bid to Menlo Park Sanitary District to const. vit. sewer system. W. J. Tobin, Oakland, next low at \$12,702. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—City declares intent. (4995) to imp. Morrison Ave. bet. The Alameda and San Fernando St. and bet. San Fernando St. and Park Ave., involv. grade; 1½-in. asph. conc. surface, 2½-in. asph. conc. base pave.; hyd. cem. conc. curb, walks, gutters; 4-in. vit. sewer lateral. 1911 Act, Bond Act 1915. Protests April 23. John J. Lynch, city clerk. Wm. Popp, city engineer.

OAKLAND, Cal.—Oakland Chamber of Commerce in report to State Highway Commission recommends (1) widen and reconstruct Hayward-Niles-Mission San Jose Highway; (2) provision of funds to assure solution of Pinole bottleneck; (3) take over by state highway comm. of Tunnel Rd. connecting Alameda and Contra Costa counties.

OAKLAND, Cal.—City Eng. Geo. N. Randle authorize to prepare spec. to imp. 73rd Ave., bet. Diana and Simpson Sts., and Simpson St. bet. Mokelumne Ave. and Millsmont Ave.

OAKLAND, Cal.—City rejects bids to imp. Ette St., bet. 32nd and 38th Aves. and work will be re-advertised. Geo. N. Randle, city engineer.

COLUSA COUNTY, Cal.—Following are three low bids rec. April 11 by F. W. Hazelwood, division engineer, State Highway Comm., to treat with oil, road mix, approx. 5.5 mi. of existing crushed gravel of stone surfacing, etc. one-half mi. west of Freshwater Creek and Williams:
E. F. Hilliard, 1355 43rd St., Sac., \$6,543
Tobert & Son, Sacramento, 6,895
G. E. Fimmel, 7,059

SHASTA COUNTY, Cal.—Following are three low bids rec. April 11 by State Highway Comm. to grade and surface with crushed gravel or stone, 5.8 mi. in Shasta county bet. Shotgun Creek and Conant:
Kern, Kibbee, 290 East Salmon St., Portland, Ore., \$273,065
Holdener Const. Co., Sacramento, 282,436
Ward Eng. Co., San Francisco, 296,357
Eng. est. 259,909

LOS GATOS, Santa Clara Co., Cal.—Harrigan Co., Standard Oil Bldg., San Francisco, at \$57,921.26 awarded cont. by city to imp. portions of Bean Ave., Nicholson Ave., Alameda Ave., Elm St., etc., involv. grade, pave., walks, curbs, catch-basins, culverts, sewers, manholes. Other bids were: A. J. Roisch, San Francisco, \$58,419.77; Stanley Const. Co., Palo Alto, \$60,365.31; Cal. Const. Co., San Francisco, \$60,717.17; Thompson Bros., Santa

Cruz, \$61,000; St. J. Bevanda, Stockton, \$62,000; C. W. Wood, Manteca, \$63,468.82; W. A. Dontanville, Salinas, \$63,471.88; N. M. Ball, Porterville, \$64,109.30; John Koch, San Jose, \$65,280.23; Western Laying Co., San Francisco, \$66,438.83; Macdonald and Maggoria, San Francisco, \$66,581.

BURLINGAME, San Mateo Co., Cal.—Until May 8, 8 p. m., bids will be rec. by J. K. Murphy, city clerk, (10) to imp. California Ave. bet. North Lane and Oak Grove Ave., involv. 1300 cu. yds. excavation, remove 27 trees; remove 675 sq. ft. conc. pave., const. 22,760 sq. ft. conc. pave.; 100 tons asph. conc. surfaces; 340 tons asph. conc. base pave.; 10,240 sq. ft. conc. gutter; 1791 lin. ft. conc. curb; 1736 lin. ft. 12-in. conc. sewer; 14 catchbasins; 2000 sq. ft. repair conc. base. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Jas. S. James, city eng.

SAN FRANCISCO.—Until April 18, 8 p. m. bids will be rec. by Board of Public Works to const. Laguna Honda sewer from Noriega St., southerly, 1,370 ft. Previous bids rejected. J. J. Gartland, low at \$21,792. Other bids: Eaton and Smith, \$29,569; C. B. Cowden, \$33,515; C. W. and H. H. Haun, \$34,453. Eng. est. \$25,600. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

LOS ANGELES, Cal.—Torsion Const. Co., 1290 West Anaheim St., Long Beach, at \$93,725 awarded cont. by county for const. in Drainage Dist. No. 32, involv. 14.37-mi. pipe lines and 1.89-mi. box section.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing spec. to pave Hazelton Ave., bet. Wilson Way and B St. City will pay \$22,600 of total cost. Bids will be asked on "open specifications."

PALO ALTO, Santa Clara Co., Cal.—City starts proceedings to imp. Channing Ave., bet. Boyce and Milville, Guinda St., bet. Channing and Milville and Lincoln Ave., bet. Middlefield Rd. and Channing. J. F. Byxbee, city engineer.

OAKLAND, Cal.—Until April 26, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Ette St., involv. grade; curbs; pave.; cem. walks; culvert; sewers, manholes, etc. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Geo. N. Randle, city eng.

SAN MATEO COUNTY, Cal.—Following are three low bids rec. April 11 by State Highway Comm. to grade and surface with crushed gravel or stone, 13.8 mi. in San Mateo, Santa Clara, and Santa Cruz counties, bet. La Honda Rd. and Saratoga Gap:
J. F. Knapp, Stockton, \$651,381
Twohy Bros., and J. N. Shea, San Francisco, 652,238
Utah Const. Co., San Francisco, 675,067
Eng. est. 747,967

SHASTA COUNTY, Cal.—Following are three low bids rec. April 11 by State Highway Comm. to grade and surface with crushed gravel or stone, 6.3 mi. bet. Conant and north boundary:
R. Johnson, Glendale, \$262,365
Holdener Const. Co., Sacramento, 273,009
C. W. Wood, Stockton, 278,405
Eng. est. 270,649

LOS ANGELES COUNTY, Cal.—Following are three low bids rec. April 11 by State Highway Comm. to grade and pave with asph. conc. 3.5 mi. bet. Monrovia and Azusa:
Gibbons and Reed, Burbank, \$150,615
C. E. Osborne, Pasadena, \$154,159
Hall-Johnson, Alhambra, 160,711
Eng. est. 189,779

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, at \$9047 awarded cont. by city to imp. Front St., bet. John and Maple Sts., grade; hyd. conc. curbs; 5-in. hyd. conc. pave.; hyd. conc. walks. Eng. est. \$10,470.

SACRAMENTO, Cal.—Until April 23, 5 p. m. bids will be rec. by Chas. C. Hughes sec'y., Board of Education, to imp. south 1/2 of 12th Ave. bet. Freeport Blvd. and 23rd St., involv. conc. curb, gutters, walks; 5-in. asph. conc. pave. Alt. bids will also be rec. for installation of electroliters. Cert. check 10% payable to secretary of Board of Educ. req. with bid. Plans on file in office of secretary.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler instructed to prepare plans for sewer in National St.

SONOMA, Sonoma Co., Cal.—City defeats proposal to issue bonds of \$36,000 to finance const. of sewer outfall.

SEATTLE, Wash.—Badolato and Arcorace, 311 Mt. Baker Blvd., at \$179.89 sub. low bid to city to const. trunk sewer in 32nd Ave., westerly, etc.

BENICIA, Solano Co., Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, at \$45,100 sub. low bid to city to const. storm drains in various sts. Longview Dredging Co. only other bidder at \$52,250. Referred to F. A. Steiger, engineer, Courthouse, Fairfield, for report.

EL DORADO CO., Cal.—As previously reported, bids will be rec. by State Highway Comm., April 25, for 6.2-mil. crushed gravel or stone surfacing, to be produced and stockpiled, bet. Fresh Pond and ¾ mi. east of Riverton. Project involves 7,000 cu. yds.

SANTA ROSA, Sonoma Co., Cal.—Until April 17, 8 p. m., bids will be rec. by C. B. Reid, city clerk, (1407) to imp. Wright St. bet. Royal St. and north city limits, involv. grade; reconstr. existing pave. to form 4-in. waterbound macadam base and surface with 3-in. asph. conc. laid in 1-course. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk.

OROVILLE, Butte Co., Cal.—Dan Bayles, Biggs, Calif., at \$3,150 awarded cont. by county to grade and ditch 2½-mi. of Fradford Rd., near Nelson. Other bids: M. J. Treaster, Sacramento, \$3,200; C. W. Wood, Stockton, \$3,600; F. A. Sewell Gridley, \$4,200.

OROVILLE, Butte Co., Cal.—County rejects bids and work will be done by force account to fur. and spread broken stone on Humboldt Rd. Bids were: Frank Dassel, Chico, \$6,982.50; E. B. Bishop, Sacramento, \$7,913.50. Harry H. Hume, county engineer.

PORTOLA, Plumas Co., Cal.—Portola Commercial Club and county will finance paving of main street within city limits. Various types of pavement are being considered.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Const. Co., Watsonville, at \$70,258 awarded cont. by county to imp. portions of Brewington Ave., Bonita Terrace, Cerrito Terrace, Rogers Ave., 5th St., Orchard Ave., etc., involv. asph. macadam surface on 5-in. waterbound macadam base; conc. walks, curbs, gutters; conc. manholes, vit. clay pipe san. sewers with wyes and laterals; ornam. street lighting with underground system, corr. metal pipe culverts. Other bids: Thompson Bros., Fresno, \$73,693; M. J. Bevanda, \$79,300.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny making surveys for sewer system in northern section of city to drain north and east sections of city and to empty into Napa river.

SACRAMENTO, Cal.—Until April 19, 5 p. m. bids will be rec. by H. G. Denton, city clerk, (2233) to imp. portions of 9th Ave., 23rd St., Freeport Blvd., etc., involv. conc. curb, gutter, vit. sewers, conc. manholes, conc. walks, grade, asph. conc. pave. with seal coat, street lighting with underground system. 1911 act, bond act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. J. Wagner, city eng.

SUNNYVALE, Santa Clara Co., Cal.—Until April 23, 8 p. m. bids will be rec. by Ida Trubchenko, city clerk, (241) to imp. portions of Murphy Ave., McKinley Ave., etc., involv. grade, 1½-in. Warrenite-bit. surface pave. on 2½-in. asph. conc. base; conc. gutters, 4-in. conc. pipe lateral sewers, ¾-in. gal. iron water pipe services; conc. pipe storm water sewers, 8- to 21-in. dia. 1911 act, bond act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—Bids of H. Gould, 1022 27th St., Sacramento and J. W. Terrell, 2765 Donner St., Sacramento, to construct 1,211 lin. ft. sewer in Coloma Heights District of North Sacramento, referred to County Engineer Chas. Deitering for report.

SHASTA COUNTY, Cal.—Until May 2, p. m., bids will be rec. by State Highway Comm. to surface with crushed gravel or stone, 17-mi. bet. Montgomery creek and 2-mi. west of Burney. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—City declares inten. (2238) to imp. alley bet. V, W, 14th and 17th Sts., involv. c. i. drains; t. sewers; reconst. manhole; 1-in. water main connections; grade; hyd. conc. ave.; conc. curtain wall. 1911 Act. protests April 26. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—Bids will be asked shortly by county to const. conc. culvert on road in east side of Haggin Grant from Auburn Blvd. south. Chas. Deterding, Jr., county surveyor.

SACRAMENTO, Cal.—McGillivray Construction Co., Folsom Blvd., Sacramento, at \$2,650.56 per mi. awarded cont. by county to const. asph. conc. shoulders on I St. Rd. Eng. est. \$2,800 per mi.

SAN LUIS OBISPO, Cal.—Until 2 P. M., April 16, bids will be rec. by county to imp. streets in the Town of Pismo, including Pomeroy Ave., Cypress St., Ocean View Ave., and other streets, involv. 5-in. concrete pavement, curbs, gutters, walks, 6-in. vitrified sewers, Marbelite lighting posts, cast iron water mains. S. G. Whittelsey, eng. J. G. Driscoll, clerk of the board. County Imp. Act.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Until April 16, 5 p. m., bids will be rec. by B. L. Hays, city clerk, to imp. portions of Railroad Ave., Church, Villa Sts., Sierra, Yosemite and Fairmount Aves., and Bush St., involv. conc. curb; gutter; conc. and corr. iron seg. culverts; conc. pipe storm drain; conc. catchbasins; conc. manhole; Warrenite-Bit surface on asph. conc. base. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk.

MONTEREY, Monterey Co., Cal.—City Manager J. O. Wanzer recommends to city council the purchase of a Cornell tractor and surfacing equipment for use in street imps. H. D. Severance, city eng.

OAKLAND, Cal.—City declares inten. to const. cem. walks in portions of East 32nd St. 1911 Act. Protests April 26. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4096) to imp. San Antonio St., bet. 24th St. and King Rd., involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. surface, 3-in. asph. conc. base pave.; hyd. conc. curb, gutter and walks; 4-in. vit. house sewer laterals; 4-in. c. i. lateral drains; hyd. cem. conc. culvert. 1911 Act. Bond Act 1915. Protests April 23. John J. Lynch, city clerk. Wm. Popp, city engineer.

SANTA BARBARA, Cal.—Gabler Construction Co., 159 S. Catalina St., Los Angeles, awarded cont. by county at \$23,985 for grading, drainage and fencing 3.6 miles of San Julian Road, through Hollister Ranch. Project involves 5 reinf. conc. cattle passes.

OROVILLE, Butte Co., Cal.—County Surveyor Harry H. Hume making surveys to imp. Clark Grade bet. Paradise and Oroville.

SALINAS, Monterey Co., Cal.—Until April 16, 7:30 p. m. bids will be rec. by M. R. Keef, city clerk, (68) to imp. Geil St. bet. Iverson and South Main Sts., involv. 136 630 sq. ft. grading; 4,629 lin. ft. conc. curb; 93,378 sq. ft. 5-in. conc. pave.; 22,908 sq. ft. cem. walks. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Howard Cozzens, city eng.

PORTOLA, Plumas Co., Cal.—Portola Commercial Club backs proposal to form sanitary district to vote bonds to finance const. of sewer system.

SACRAMENTO, Cal.—Samuel J. Hart has been named city engineer succeeding Allan J. Warner who has resigned to enter the contracting business for himself. Chas. R. Blood, formerly assistant city engineer, has been promoted to chief assistant city engineer.

BURBANK, Cal.—Until 7:30 p. m., April 24, bids will be rec. by city to const. interceptor connecting sewers with Los Angeles outfall, a cash contract, bonds of \$325,000 having been voted last year to cover this and other work. Plans obtainable from F. S. Webster, city clerk, on deposit of \$20. Cert. check 10%. T. R. Mini, city eng. Approx. quantities as follows: 2774 ft. 6-in., 150 ft. 8-in., 1812 ft. 12-in., 12,612 ft. 18-in., 2132 ft. 21-in., 934 ft. 24-in., 4016 ft. 30-in. vitrified sewer, 167 6x6 wyes, 68 12x6 wyes, 394 18x6 wyes, 55 21x6 wyes, 29 24x6 wyes, 98 30x6 wyes, 61 manholes.

SONORA, Tuolumne Co., Cal.—County Surveyor Robt. Thom making surveys for lower half of Buckhorn grade improvements.

TULARE, Tulare Co., Cal.—Bids are being received by Mrs. A. C. Rosenthal, secy., Tulare Cemetery, to const. cem. curbing. Spec. on file in office of Tulare Public Cemetery District, 215 East Kern St., Tulare. Bids to be opened about April 19.

PALO ALTO, Santa Clara Co., Cal.—City plans to widen Ashby Ave., bet. Hamilton and Channing Sts., by taking 10 ft. from east side of Ave.; work to be financed by private owners. J. F. Byxbee, city engineer.

EL DORADO CO., Cal.—Until May 2, 2 p. m. bids will be rec. by State Highway Comm. to grade 3.2-mi. bet. Eagle Falls and Meeks Bay. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

LEMOORE, Kings Co., Cal.—Until April 24, 8 p. m. bids will be rec. by W. W. Sheahan, city clerk, to const. 8-in. vit. clay pipe san. sewer with manholes and T branches in portions of Magnolia Ave. 1911 Act. Bond Act 1915. Previous bids were rejected as being too high. Lowest being that of Wheelwright Construction Co., Ogdien, Utah, at \$3,848. Cert. check 10% or bond payable to city req. with bid. Plans on file in office of clerk.

SANTA MONICA, Cal.—City has denied protests on \$1,250,000 storm drain system but has laid work over for 6 months, so that nothing further will be done for at least that period.

SONORA, Tuolumne Co., Cal.—Adams Co., Angeles Camp, Cal., at \$5281 awarded cont. by county to grade and pave Kincaid Flat Rd., south of Sonora; approx. 2900 ft. in length; waterbound macadam pave. W. R. Booker, Jamestown, only other bidder at \$6495.

GLENN COUNTY, Cal.—Force, Corrigan & McLeod, Oakland, at \$7400 awarded cont. by State Highway Comm. to fur. and del. stand. road surfacing on approx. 5 mi. of highway bet. Orland and Hamilton City. Eng. est. \$11,500.

EUREKA, Humboldt Co., Cal.—Chas. Green Co., Eureka, awarded contract by city to fur. Chrysler roadster for city traffic officer at \$1,775 allowing \$875 for on Chrysler turn-in.

SALINAS, Monterey Co., Cal.—Until April 16, 7:30 P. M. bids will be rec. by M. R. Keef, city clerk, (68) to imp. Geil St., bet. Iverson St. and South Main St., involv. grade; hyd. conc. curbs; 5-in. hyd. conc. pave.; hyd. conc. walks. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Howard Cozzens, city engineer.

FEBRUARY PLATE GLASS OUTPUT

The production of polished plate glass for February was 10,092,885 square feet, compared with 8,205,297 square feet produced in January. The production for the same month last year was 9,789,734 square feet, according to Paul A. Hughes, secretary of the Plate Glass Manufacturers of America.

STEEL INGOT PRODUCTION

Production of steel rails during 1927 in the United States is put at 2,806,390 gross tons by American Iron & Steel Institute against 3,217,649 tons in 1926 and 2,785,257 in 1925. Output for 1926 was the largest since 1913 when the total was 3,502,780 tons.

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

BUILDINGS
NEAR CITY OF FRESNO. All work for miscellaneous buildings.
Owner—Pacific Fruit Express Co., Brix Bldg., Fresno.
Architect—None.

Contractor—Lynch Constr. Co.
Filed April 3, '28. Dated March 17, '28.
As work progresses..... 85%
After completion..... 15%

TOTAL COST, \$47,978. Surety, Fidelity & Deposit Co. of Maryland. Limit, 125 working days. Forfeit, plans and specifications, none.

INSTALLING ICE MACHINERY ON
above.

Contractor—York Ice Machinery Co., 1925 Fresno St., Fresno.

Filed April 3, '28. Dated March 16, '28.
Payments same as above.....

TOTAL SOCT, \$187,485
Bond, \$187,485. Surety, U. S. Guarantee Co. Limit, 150 working days. Forfeit, plans and specifications, none.

BUILDING PERMITS

FRESNO

SCHOOL, 12-room, \$39,433; Mariposa and Martin Sts., Fresno; owner, Fresno Martin, Olive St., Fresno.

SCHOOL, 12-room, \$39,433; Shields Ave., Fresno; owner, Fresno City Schools; contractor, Roy Martin, Olive St., Fresno.

SCHOOL, 12-room, \$39,433; McKinley & Chettenden Sts., Fresno; owner, Fresno City Schools; contractor, Roy Martin, Olive St., Fresno.

ADDITION, 6-room, \$24,944; Jefferson School, Fresno; owner, Fresno City Schools; contractor, Jolly & Harrington, Fresno.

DWELLING, \$2000; No. 1837 F St., Fresno; owner, J. E. McDonald, 1728 C St., Fresno.

STORE, \$3350; No. 2410 Railroad Ave., Fresno; owner, N. Tateosian, Pearl St., Fresno; contractor, Corneil Bros.

DWELLING, \$1000; No. 3320 Liberty St., Fresno; owner, Ross W. Lewis; contractor, Ora Lewis.

DWELLING, \$2500; No. 130 Alhambra Ave., Fresno; owner, G. Pond, 2107 Belmont Ave., Fresno; contractor, H. E. Guynn.

DWELLING, \$2500; No. 1256 College Ave., Fresno; owner, Fresno Home Builders, 1231 Broadway, Fresno.

ALTERATIONS and additions, \$1250; No. 920 Klette St., Fresno; owner, G. A. Alexander, Premises.

ALTERATIONS and additions, \$1600; No. 3102 Montecito St., Fresno; owner, M. Sarkisian, Premises; contractor, M. Manoogian, 2642 Olive St., Fresno.

STORE building, \$20,000; No. 2400 Tulare St., Fresno; owner, B. F. Shepherds Jr., Estate, 1223 Broadway, Fresno; contractor, Fisher & McNulty.

DWELLING and garage, \$4000; No. 850 Carmen Ave., Fresno; owner, Carl Gustafson, 956 Forthcamp Ave., Fresno.

ALTERATIONS and additions, \$4000; Location Omitted, Fresno; owner, Bank of Italy, Fresno; contractor, A. Allen.

COMPLETION NOTICES

FRESNO COUNTY

Recorded March 31, 1928—N ¼ of E ½ of NW ¼ Sec. 13, 14-18, Fresno. Frank Gandola to T. A. Pettus.....Feb. 12, 1928
April 3, 1928—LOT 9 W 20 Lot 10 Blk 5, College Addition, Fresno. Albert R. Lang to C. E. Buckmaster.....Mar. 31, '28
April 5, 1928—LOTS 23 AND 24 BLK 54, K. B. Heights, Fresno. Joe Vercellini to whom it may concern.....April 3, 1928

A new estimator in a contractor's office said to his boss, "Say, I've added these figures up ten times."

"That's fine," exclaimed the boss.

"Yes," said the estimator, "and here are the ten answers."

Official Proposals

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on May 2, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications, therefore, to which special reference is made, of portions of State Highway, as follows:

Shasta County, between Montgomery Creek and two miles west of Burney (H-SH-28-C), about seventeen (17) miles in length, to be surfaced with crushed gravel or stone.

El Dorado County, between Eagle Falls and Meeks Bay (H-ED-28-B-C), about three and three-tenths (3.3) miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the office of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: April 4, 1928.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.

NOTICE TO CONTRACTORS

(Coalinga Union High School District—Gymnasium)

Notice is hereby given that sealed bids on the segregated basis will be received by the Board of Trustees of the Coalinga Union High School District of the County of Fresno, State of California, for the erection and completion of a Gymnasium Building in accordance with plans and specifications adopted by said Board, prepared by Swartz & Ryland, Architects and Engineers, Rowell Bldg., Fresno, California.

Bids must be made on proposal forms obtained at the office of the Architects and must be signed by the bidder.

Each bid must be accompanied by a certified check for at least ten per cent (10%) of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to J. A. Fluetsch, secretary of the said Board of Trustees. Said check to be forfeited to and retained by the School District should the party or parties to whom the contract shall be awarded fail to enter into a contract within five (5) days after the award, or to give bonds as required.

A good and sufficient bidder's bond will be accepted in lieu of the certified check.

Bids must be plainly marked on the exterior of the envelope, stating that part of the work for which the bid is submitted.

Plans and specifications may be obtained from the office of the Architects, Room 624 Rowell Building, Fresno, California, on a deposit of ten dollars (\$10). This deposit will be returned to the bidder only on the return of the plans and specifications in good condition within the time allotted for the contractor to use the plans.

All bids or proposals must be filed with the Secretary of the Board of Trustees of the Coalinga Union High School District, at the office of the said Board in the High School Building, in the City of Coalinga, California, not later than 7 o'clock P. M., Wednesday, May 2nd, 1928. The Board of Trustees reserves the right to reject any or all bids received.

By order of the Board of Trustees of the Coalinga Union High School District.

Signed:

E. M. HANST,

J. A. FLUETSCH,

President.

Secretary.

NOTICE—BIDS FOR CONSTRUCTION OF SUPERSTRUCTURE OTHER THAN STRUCTURAL STEEL FRAME FOR HANGAR NO. 3.

The Board of Port Commissioners of the City of Oakland at its office, 424 Oakland Bank Building, will receive sealed bids on Monday, April 9th, 1928, between the hours of 4:30 and 5:30 P. M., for constructing the superstructure other than structural steel frame of Hangar No. 3 at Oakland Municipal Airport. Plans, specifications and blank form of proposal will be furnished by the Secretary of the Board on deposit of \$10, check. Certified check in the amount of 10% of the bid to accompany the bid. Bond in the full amount of contract price for faithful performance of the contract to be given by the successful bidder. Contract to be entered into within 3 calendar days after date of award. Work to commence within 3 calendar days after date of Auditor's certificate to contract, and to be completed within 80 calendar days thereafter. The Board reserves the right to award the bid on either Proposal A or Proposal B. The Board further reserves the right to reject any and all bids.

G. B. HEGARDT,
Secretary, Board of Port Commissioners.

NOTICE TO BIDDERS

(Richmond-Parr Terminal)

Sealed bids will be received by the undersigned Clerk of the City of Richmond at his office in the City Hall, Richmond, California, up to the hour of 8:00 P. M., of Monday, April 23, 1928, for the construction of a municipal wharf, under City of Richmond contract, in accordance with plans and specifications therefor prepared by H. J. Brunner, Consulting Engineer, dated March 1, 1928, said specifications being entitled "Specifications for the Construction of Parr-Richmond Terminal, Inner Harbor, Richmond, California" and said plans being entitled "Parr-Richmond Inner Harbor Terminal, Richmond, Calif.," and now on file in the office of the Clerk of the City of Richmond.

All bids must be submitted upon proposal blanks furnished with the plans and specifications.

Copies of plans, specifications, form of proposal, and form of contract, will be furnished prospective bidders upon application to said H. J. Brunner, Consulting Engineer, Sharon Bldg., San Francisco, California.

Each bid must be accompanied by a

certified check on a solvent bank in the State of California made payable to the City of Richmond for an amount equal to at least five (5%) per cent of the bid.

Bids received as above will be opened and declared at regular meeting of the Council of the City of Richmond to be held at the above stated hour.

The Council of the City of Richmond reserves the right to reject any or all bids.

Dated: April 4, 1928.

A. C. FARIS,
Clerk of the City of Richmond

NOTICE TO BIDDERS

(Tent Floors, etc., National Guard Training Camp, San Luis Obispo, Cal.)

Bids For Construction.—Office of the United States Property and Disbursing Officer, for California, room 1021 Forum Building, Sacramento, Cal. Sealed proposals in triplicate will be received here until 11 a. m., April 18, 1928, and then opened, for furnishing all materials and labor required for construction of 200 tent floors, 9 corrals and 27 feed racks, at National Guard Training Camp, San Luis Obispo, Cal. Further information on application.

NOTICE TO BIDDERS

(Refrigerators—Mare Island Navy Yard Hospital)

The Bureau of Yards and Docks invites attention to the fact that it will open proposals in the near future on specification No. 5583, "Automatic Refrigerators, Navy Yard (Hospital), Mare Island, California." The work includes furnishing and installing nine refrigerators with motor-driven compressors, condensers, liquid receivers, expansion coils or units, wiring, piping and accessories.

Any firms to whom this work is of interest should forward immediately to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded to them as soon as available.

Prospective bidders on the West Coast should make application for the bidding data to the Navy Yard, Mare Island, California.

NOTICE TO CONTRACTORS

(Warehouse—Watsonville, Calif.)

We invite contractors and builders to figure on a concrete warehouse, 50x88 ft., to be built on the nursery grounds, head of Main St. Plans and specifications can be seen at our office. Bids will be opened Thursday evening, March 29th, at 8 P. M., at the office of the H. A. Hyde Co. The right is reserved to reject any or all bids. Bids must be accompanied with certified check for 10% contract price.

H. A. HYDE COMPANY.

NOTICE TO CONTRACTORS

(East Bay Municipal Utility District)

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 1924 Broadway, Bay Building, Oakland, California, until 7:30 o'clock P. M., Friday, April 20th, 1928, for furnishing materials for and constructing the Sequoia and Wildcat Aqueducts, Mokelumne River Project. Specifications may be obtained by application to the office of the District.

JOHN H. KIMBALL,
Secretary.

Oakland, Calif., March 3rd, 1928.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

Owner	Contractor	Amt.
Goldenson	Landler	1000
Grandeman	Owner	32000
Harder	Owner	8000
McCarthy	Owner	12000
Miller	Henkel	50000
Standard	Owner	4000
Usnik	Pacific	10000
Cassidy	Stevenson	4900
Clipper	Owner	35000
Dollar	Dinwiddie	2500
Davis	Owner	3500
Giller	Owner	3000
Hornlein	Foreman	27000
Haas	Foreman	3000
Meyer	Owner	4000
Marshall	Owner	4000
Marshall	Owner	13000
Meyer	Owner	4000
Pieffer	Maede	4000
Risdon	Owner	6000
Schultz	Schultz	7000
Anderson	Owner	38000
Berg	Owner	4000
Cassidy	Stevenson	7800
Erickson	Owner	5000
Grandeman	Owner	36000
Grandeman	Owner	36000
Hill	Owner	6000
Mayer	Donovan	9000
Newman	Electrical	15
Phelan	Lindgren	2500
Vegen	Owner	4000
Wilbe	Owner	7000
Advent	Elkington	4000
Benson	Owner	4000
Bernie	Owner	4500
Barragan	Owner	3000
Clancy	Owner	55000
Costello	Owner	7000
French	Owner	6000
Gianelli	Owner	2000
Highbaugh	Segault	6000
Hansberry	Owner	4000
Hogrefe	Owner	10000
Herzig	Owner	5000
Holmstrom	Owner	4000
Isaacson	Owner	3000
Olson	Owner	14000
Usnik	Pacific	10000
Steffen	Owner	1500
Schumacher	Leonard	1000
Thunberg	Owner	8000
Cox	Owner	40000
Christensen	Owner	8000
Esperance	Owner	2500
Grand	Owner	10000
Hemminga	Owner	4000
Monaghan	Owner	8000
Malucelli	Ehling	3500
Same	Same	3500
Nelson	Owner	3500
Strand	Owner	6000
Coleman	Owner	48000
Harms	Owner	3750
Johnson	Owner	16000
Leigh	Owner	4000
McSweeney	Moore	18000
Strominger	Arcaea	9000
Wollenberg	Owner	4500
Wood	Owner	6000

DWELLING
(855) NW 18th & MISSISSIPPI; 2-story and basement frame dwelling.
Owner—John Cardinale, 2944 16th St.
Architect—None.
Contractor—John Ghirardelli, 1395 Natomas St. \$5,600

SERVICE STATION
(856) NW STANYAN and FREDERICK Sts.; erect steel service station.
Owner—Calif. Petroleum Corp., 311 California St.
Architect—Owner. \$1,100

ALTER & REMODEL
(857) NW ARLINGTON and MATEO; alter and remodel dwelling.
Owner—A. Goldenson, 834 Florida St.
Architect—None.
Contractor—O. B. Lander, 349 Monticello Ave. \$1000

APARTMENTS
(858) SW 42nd AVE & LINCOLN WAY; 3-story and basement frame (12 apts.).
Owner—Chas. D. Grandeman, 78 Johnson Ave., Campbell, Calif.
Architect—None. \$32,000

DWELLINGS
(859) W 43rd AVE 150 and 175 S KIRKHAM (2) one-story and basement frame dwellings.
Owner—George Harder, 870 29th Ave.
Architect—None. \$4,000 each

DWELLINGS
(860) E 24th AVE 25 50 and 75 S MORAGA; (3) one-story and basement frame dwellings.
Owner—G. H. McCarthy, 1903 Irving St.
Architect—None. \$4,000 each

APARTMENTS
(861) W SAN JOSE 152 N 25th STS.; 3-story and basement frame (27) apts.
Owner—C. Miller, Rm. 711-110 Sutter St.
Architect—Albert W. Burgren, 110 Sutter St.
Contractor—Hinkel Bros. \$50,000

DWELLING
(862) E 14th AVE. 275 N SANTIAGO; 1-story and basement frame dwelling.
Owner—Standard Bldg. Co., 218 Castenada.
Architect—None. \$4,000

APARTMENT
(863) NE SCHRADER & CARMEL STS. 3-story and basement frame (6) apts.
Owner—Usnik Builders Inc., 736 Clementina St.
Architect—Anton Usnik, 736 Clementina Street.
Contractor—Pacific Coast Apt. Builders Inc., 736 Clementina St. \$10,000

DWELLING
(864) W TEXAS 125 S 18th St.; 1-story and basement frame dwelling.
Owner—R. F. Cassidy Co., 315 Connecticut St.
Architect—None.
Contractor—L. H. Stevenson, 130 Merced Ave. \$4900

APARTMENTS
(865) SOUTHERLY intersection Maljorca and Capra Ways; 3-story basement frame (21 apts)
Owner—M. B. Clipper, 3747 Woodruff St., Oakland.
Architect—J. C. Hladik, Monadnock Bldg. \$35,000

ALTER
(866) SW CALIFORNIA and BATTERY alter lavatory in office bldg.
Owner—Robert Dollar Co., California and Battery.
Architect—C. W. McCall, 1404 Franklin St., Oakland.
Contractor—Dinwiddie Const. Co., Crocker Bldg. \$2500

DWELLING
(867) NW STANLEY and ORIZABA; 1-story and basement frame dwelling.
Owner—F. J. Davis, 171 Lee Ave.
Architect—None. \$3500

DWELLINGS
(868) W 45th AVE. 200 225 250 and 275 N WAWONA; four 1-story and basement frame dwellings.
Owner—R. E. Giller, 478 Vernon St.
Architect—None. \$3000

ALTER & REMODEL
(869) W STOCKTON 65 N ELLIS; install girders, alter and remodel bldg. for clothing store.
Owner—Hornlein Invest. Co., Dunne bldg.
Architect—H. J. Knaner, % Foreman & Clark.
Contractor—Foreman and Clark, Stockton and O'Farrell. \$27,000

ALTER & REMODEL
(870) NW STOCKTON & ELLIS; alter and remodel clothing store.
Owner—Haas Invest. Co., Dunne Bldg.

Architect—H. J. Knaner, % Foreman & Clark.
Contractor—Foreman and Clark, Stockton and O'Farrell. \$3000

DWELLING
(871) E CHAVES 150 S AGUA WAY; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None. \$4000

DWELLING
(872) W 43rd AVE 175 N LAWTON; 1-story and basement frame dwelling.
Owner—W. L. Marshall, 148 Herman St.
Architect—None. \$4000

APARTMENTS
(873) E LYON 25 S CHESTNUT; 3-story and basement frame (6 apts).
Owner—Alex. F. Marshall, 1136 10th Ave., Oakland.
Architect—None. \$13

DWELLINGS
(874) W CHAVES 198 230 and 262 S EVELYN WAY; three 1-story and basement frame dwellings.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None.

DWELLING
(875) E 29th AVE. 275 S TARAVAL; 1-story and basement frame dwelling.
Owner—Mary G. Pieffer, 222 12th Ave.
Architect—None.
Contractor—Delmar Maede, Box 58 San Bruno, Calif. \$4

DWELLING
(876) N RICE 129 W RETIRO WAY; 2-story and basement frame dwelling.
Owner—Risdon Bros., 2170 Beach St.
Architect—Owner. \$600

FLATS
(877) W DIVISADERO 62.6 N RAY ST.; 2-story and basement (two flats).
Owner—Niels Schultz, 46 Kearny St.
Architect—Pring and Lesswing, Holbrook Bldg.
Contractor—Schultz Construction Co., 46 Kearny St. \$7000

APARTMENTS
(878) N CHESTNUT 88.9 E DIVISADERO; 3-story and basement frame (21 apts).
Owner—Louis R. Anderson, 37 Rico Way.
Architect—J. C. Hladik, Monadnock Bldg. \$28,000

DWELLING
(879) W 18th AVE 100 N NOREIGA ST.; 1-story and basement frame dwelling.
Owner—Einar J. N. Berg, 24 Stillings Av.
Architect—None. \$40

DWELLINGS
(880) N MARIPOSA 75 and 100 W VERMONT; two 1-story and basement frame dwellings.
Owner—R. F. Cassidy Co., 315 Connecticut St.
Architect—None.
Contractor—L. H. Stevenson, 130 Merced Ave. \$3900 each

DWELLING
(881) NE HEARST and GENESSEE; 1-story and basement frame dwelling.
Owner—P. Erickson, % architect.
Architect—Chas. F. Strothoff, 2274 15th St. \$5000

APARTMENTS
(882) N CALIFORNIA 192.6 E LOCUST; 3-story and basement frame (15 apts).
Owner—Chas. D. Grandeman, 78 Johnson Ave., Campbell, Calif.
Architect—David C. Coleman, 110 Sutter St. \$36,000

APARTMENTS
(883) N CALIFORNIA 137.6 E LOCUST; 3-story and basement frame (15 apts).
Owner—Chas. D. Grandeman, 78 Johnson Ave., Campbell, Calif.
Architect—David C. Coleman, 110 Sutter St. \$36,000

DWELLINGS

(884) W. FRANKLIN 100 and 102 S. RUSSELL ST.; 1-story and basement frame dwelling. Owner—None. Architect—None. \$4000 ea.

FLATS

(885) S. FILBERT 110 W. LEAVENWORTH ST.; 1-story and basement frame dwelling. Owner—Mrs. Eva Mayer, 818 Elizabeth St. Architect—None. \$4000 ea.

ROOF SIGN

(886) SE 26th & MISSION; erect roof sign. Owner—Radcliff Newman Co., SE 26th & Mission. Architect—Electrical Prod. Corp., 950 30th St., Oakland. Contractor—Architect. \$1500

UNDERPINNING BUILDING

(887) N. SUTTER 85 E. POWELL; underpinning one-story brick building. Owner—James D. Phelan, Phelan Bldg. Architect—Gottschalk & Rist, Phelan Bldg. Contractor—Lindgren & Swinerton, Standard Oil Bldg. \$2500

ALTER AND REMODEL

(888) 1338 12th AVE.; alter and remodel cottage. Owner—E. Vigen, 1200 40th Ave. Architect—J. C. Hladik, Monadnock Bldg. \$4000

DWELLING

(889) N. MONTEREY 390 W. EL VERANO; 2-story and basement frame dwelling. Owner—A. J. Wilbe, 1314 Ocean Ave. Architect—H. G. Stoner, 39 Sutter St. \$7000

DWELLING

(890) E 24th AVE 75 N. ULLOA; 2-story and basement frame dwelling. Owner—Advent Christian Conference, 2522 28th Ave. Architect—None. Contractor—G. J. Elkington & Sons, 1291 33rd Ave. \$40000

DWELLING

(891) E 25th AVE 143 N. N. NOREIGA ST.; 1-story and basement frame dwelling. Owner—John Benson, 1260 20th Ave. Architect—L. E. Hansberry, 1260 20th Ave. \$4000

DWELLING

(892) E 29th AVE 150 S. TARAVAL; 1-story and basement frame dwelling. Owner—James Bernie, 218 Holloway. Architect—Owner. \$4500

DWELLING

(893) SE VALLEY ST. 730 E. CASTRO ST.; 1-story and basement frame dwelling. Owner—Cipriano Barragan, 1502 Noe St. Architect—Owner. \$3000

APTS. AND STORES

(894) E. POLK 137 1/2 N. TURK ST.; 6-story reinforced concrete (21) apts. and (2) stores. Owner—D. J. Clancy, 421 Jones St. Architect—H. C. Bauman, 251 Kearny St. \$55,000

DWELLINGS

(895) E 18th AVE. 354 and 375 S. KIRKPATRICK; two 1-story and basement frame dwellings. Owner—Michael Costello, 821 34th Ave. Architect—None. \$3500 each

ALTERATIONS

(896) THIRD & PALOU; tear out all partitions on first floor and change same on 2nd. Owner—Fitch American Corporation, 55 Montgomery St. Architect—H. A. Minton, 550 Montgomery St. \$6000

ALTER & REMODEL

(897) 1658-1660 Eddy St.; alter and remodel apts. Owner—John Gianelli, 1552 Steiner St. Architect—None. \$2000

ADDITION

(898) 125 WASHINGTON ST.; 1-story addition to brick loft building. Owner—Houghough Co., 125 Washington St. Architect—None. Contractor—V. d. Seabolt, 1260 Fulton St. \$1000

DWELLING

(899) 11 20th AVE 168 N. NOREIGA ST.; 1-story and basement frame dwelling. Owner—L. E. Hansberry, 1260 20th Ave. Architect—Owner. \$4000

APARTMENTS

(900) NW PIERCE & CALIFORNIA; erect 2-story reinforced concrete (44) apts. Owner—Herman D. Hogrefe, 2730 Anza. Architect—Edward E. Young, 2002 California St. \$100,000

DWELLING

(901) W. MONCADA 200 N. CEDRO; 2-story and basement frame dwelling. Owner—A. J. Herzog, 635 Victoria St. Architect—D. E. Jaekle, St. Mary's Park. \$5000

DWELLING

(902) W. BRUNSWICK 204 S. GUTTENBERG; 1-story and basement frame dwelling. Owner—John Holmstrom, 45 Newton St. Architect—None. \$4000

DWELLING

(903) E. HOLYOKE 175 S. FELTON; 1-story and basement frame dwelling. Owner—Isaacson and Nyland, 3902 Folsom St. Architect—None. \$3000

DWELLINGS

(904) E. PRAGUE 200, 225, 250 and 275 SW. BRAZIL AVE.; four 1-story and basement frame dwellings. Owner—A. J. Olson, 35 Montecito Ave. Architect—None. \$3500 each

APARTMENTS

(905) N. IRVING 95 33rd AVE.; 3-story and basement frame (12) apts. Owner—Usnik Builders Inc., 726 Clementina. Architect—Anton Usnik, 736 Clementina. Contractor—Pacific Coast Apt. Builders Inc., 736 Clementina St. \$10,000

RAISE BLDG. & INSTALL GARAGES

(906) 1585-1589 PAGE ST.; raise building and install private garages. Owner—F. Steffen, 2026 Mission St. Architect—None. \$1500

ADDITION

(907) 55 LA PLAZUELA; add maid's room to residence. Owner—Dr. H. O. Schumacher, 55 La Plazuela. Architect—Leonard and Holt, 220 Kearny. Contractor—Leonard and Holt, 220 Kearny St. \$1000

FLATS

(908) E 20th AVE 100 S. CABRILLO; 2-story and basement frame (2) flats. Owner—Oscar W. Thunberg, 4611 California St. Architect—Owner. \$8000

APARTMENTS

(909) W. FILLMORE 199.49 and 236.99 S. RETIRO. Two three-story and basement frame (12 each) apartments. Owner—Cox Bros., 1950 Irving St., San Francisco. Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$20,000 ea.

DWELLINGS

(910) E. TWENTY-FIRST AVE 125 and 150 N. MORAGA. Two one-story and basement frame dwellings. Owner—Herman Christensen, 1341 Valencia St., San Francisco. Architect—None. \$4000 ea.

DWELLING

(911) E. WHITE 177-6 N. VALLEJO. Two-story and basement frame dwelling. Owner—Leanie Esperance, 175 Pixley St., San Francisco. Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco. \$2500

REMODEL STORE

(912) 1053-55 MARKET ST. Change store fronts, completely altering and remodeling store. Owner—F. & W. Grand 5-10 & 25 Cent Store, Inc., 902 Broadway St., New York, N. Y. Architect—Reid Bros., 105 Montgomery St., San Francisco. \$10,000

DWELLING

(913) W 37th AVE. 275.4 S. BALBOA. One-story and basement frame dwelling. Owner—Nick Hemminga, 627 Thirtieth Ave., San Francisco. Architect—None. \$4,000

FLATS

(914) N. CUMBERLAND 175 E. Dolores. Two-story and basement frame (2) flats. Owner—James Monaghan, 3459 21st St., San Francisco. Architect—None. \$8,000

DWELLING

(915) SE GILLMAN and Ingalls Sts. One-story and basement frame dwelling. Owner—A. Malucelli, 234 Lane St., San Francisco. Architect—None. Contractor—Jacob Ehling, 1106 Thirteenth St., San Mateo. \$35,500

DWELLING

(916) S. GILLMAN 25 E. Ingalls. One-story and basement frame dwelling. Owner—A. Malucelli, 2340 Lane St., San Francisco. Architect—None. Contractor—Jacob Ehling, 1106 Thirteenth Ave., San Mateo. \$3,500

DWELLING

(917) E. ALLISON 125 S. MORSE. One-story and basement frame dwelling. Owner—C. L. Nelson, 208 Fairmont St., San Francisco. Architect—None. \$3,500

FLATS

(918) E. TWENTY-SIXTH 175 S. Ca-brillo. Two-story and basement frame (2) flats. Owner—T. I. Strand, 882 Thirty-first Ave., San Francisco. Architect—None. \$6,000

APARTMENTS

(919) S. CABRILLO 45 W. 28th Ave.; 3-story and basement frame (24) apts. Owner—David C. Coleman, 110 Sutter St. Architect—Owner. \$48,000

INDUSTRIAL BLDG.

(920) E. FOLSOM 27.5 1/2 S. 13th St.; 1-story concrete light industrial bldg. Owner—Richard H. Harms, 2016 Nevada Bank Bldg. Architect—Engineer—Alfred P. Fisher, 1016 Nevada Bank Bldg. \$3750

DWELLINGS

(921) E 26th AVE 25, 50, 75 and 100 S. ULLOA; four 1 1/2-story and basement frame dwellings. Owner—N. E. Johnson, 736 Ashbury St. Architect—None. \$4,000 each

DWELLING

(922) W 40th AVE. 100 N. IRVING ST.; 1-story and basement frame dwelling. Owner—David Leigh, 801 42nd Ave. Architect—None. \$4000

APARTMENTS

(923) NE 29th and NOE; 2-story and basement frame (11) apts. Owner—D. McSweeney, 399 29th St. Architect—Walter King & Co., 312 Call Bldg. Contractor—Geo. T. Moore, 1458 Noe St. \$18,000

APARTMENTS

(924) N. DORLAND 190 W. Church; 2-story and basement frame (4) apts. Owner—G. W. and Carolyn Strominger, 218 Dorland St. Architect—None. Contractor—Thomas Arcada, 861 Oak St., Alameda, Cal. \$9000

ALTER & REMODEL

(925) 2748 STEINER ST.; add rooms, alter and remodel dwelling. Owner—Albert C. Wollenberg, % architect. Architect—B. J. Joseph, 74 New Montgomery St. \$4500

DWELLING

(926) 431 CASTENADA; 2-story and basement frame dwelling. Owner—Wood and Wood, 1219 12th Ave. Architect—Designer-owners. \$6000

LEASES

SAN FRANCISCO COUNTY

March 5, 1927—Walter Stoll to Norman McDonald—W. Hamerton ave near Bosworth known as 26 Hamerton ave 5 yrs \$960.
March 29, 1928—A. H. Anderson to Henry Noreen—801-803-807 San Jose ave & 55-57-59 30th st Carmel Rooming House 6 years \$16,200.

BUILDING CONTRACTS

San Francisco County

Owner	Contractor	Amt.
Tashjian	Swanson	6900
Same	Swanson	5500
Blanquie	Larsen	18850
Bergfried	Broas	7993
Weinstein	Barrett	52020
Ludeke	Campbell	6350
Italian	Forderer	14000
Italian	Gnecco	589.0
Italian	Alta	3197

RESIDENCE

(37) E FOURTEENTH AVE 100 S
Ulloa S25xE 120. All work for two-story and basement frame residence.
Owner—Ferid and Ohanes Tashjian, 1221 Taraval St., San Francisco.
Architect—Donnell E. Jaekle, 395 Justin Drive, San Francisco.

Contractor—Ernest Swanson, 15th Ave. and Taraval St., San Francisco.
Filed April 5, '28. Dated Mar. 9, '28.
Roof sheathing on.....\$1725
Brown coated.....1725
Completed and accepted.....1725
Usual 35 days.....1725

TOTAL COST, \$6900
Bond, \$3450. Surety, David Campbell and Martin Wilson. Limit, 90 days. Forfeit, plans and specifications, none.

RESIDENCE

(138) E FOURTEENTH AVE 125 S
Ulloa S 25xE 120 O L 1186. All work for one-story and basement frame residence.

Owner—Ferid and Ohanes Tashjian, 1221 Taraval St., San Francisco.
Architect—Donnell E. Jaekle, 395 Justin Drive, San Francisco.

Contractor—Ernest Swanson, 15th Ave. and Taraval St., San Francisco.
Filed April 5, '28. Dated Mar. 9, '28.
Roof sheathing on.....\$1387.50
Brown coated.....1387.50
Completed and accepted.....1387.50
Usual 35 days.....1387.50

TOTAL COST, \$5500.00
Bond, \$2775. Sureties, Daniel R. Campbell and Martin Wilson. Limit, 90 days. Forfeit, plans and specifications, none.

CLASS C BLDGS.

(139) NW TWENTIETH & FLORIDA
N 38xW 100. All work for one two-story and one one-story Class C buildings.

Owner—J. Orhac and A. Blanquie, 167 17th Ave., San Francisco.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.

Contractor—H. H. Larsen Co., Froxcroft Bldg., San Francisco.
Filed April 5, '28. Dated Mar. 26, '28.
Concrete done and sheathing on ready for roofing.....\$4710
White coated.....4710
Completed and accepted.....4715
Usual 35 days.....4715

TOTAL COST, \$18,850
Bond, \$9425. Sureties, J. D. Murphy and Gordon S. Chamberlin. Limit, 80 days. Forfeit, \$15. Plans and specifications filed.

ALTERATIONS ON STORE

(140) 237 POST ST.; alterations and additions to store.

Owner—Carl and Herman Bergfried, as the Exclusive Cutlery Shop, 115 Stockton St., S. F.

Architect—Ward & Blohme, 310 Sansome St., S. F.

Contractor—Braas & Kuhn Co., 1917 Bryant St., S. F.
1st payment.....\$5927.00
2nd payment, 35 days after.....1975.75
TOTAL COST, \$7902.00
Limit, 35 days; plans and spec. filed.

STORE

(141) MARKET 275 W 6th ST. W 25 x S 90

Owner—Isidor Weinstein Investment Co., 1041 Market St., S. F.

Architect—Samuel L. Hyman and A. Appleton, 68 Post St.

Contractor—Barrett & Hilp, 918 Harrison St., S. F.

Payments of 75% on 1st of each month 25% 35 days after.

TOTAL COST \$52,010
Bond, \$26,005; surety, Fidelity & Dep. Co. limit, 115 days; plans and spec. filed.

DWELLING

(142) E PLYMOUTH AVE 175 S Grafton Ave. S 25xE 112-6 Lot 21 Blk 6.

Lakeview. All work for one-story frame dwelling.

Owner—August H. and Florence M. Ludeke, 225 Ivy St., San Francisco.

Architect—None.

Contractor—Fred L. Campbell, 30 Grafton Ave., San Francisco.

Filed April 9, '28. Dated —.

On signing agreement.....\$1500
Balance on or before one year from date.....4850

TOTAL COST \$6350
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

ADDITION TO HOSPITAL

(143) N BROADWAY 100 W Polk N 25 x W 75 S 137.6 W 70 S 137.6 E 145; sheet metal work.

Owner—Italian Hospital & Benevolent Ass'n., San Francisco.

Architect—G. A. Applegarth, Claus Spreckels Bldg., S. F.

Contractor—Forderer Cornice Works, 260 Potrero, S. F.

Filed April 11, 1928. Dated March 14, '28
Payments of 75% on 10th of each mo. 25% 35 days after.

TOTAL COST \$14,000
Bond, \$7000; surety, United States Fidelity & Guaranty Co.; forfeit, none; limit 125 days; no plans and specifications.

(144) TERRAZZO WORK ON ABOVE.

Contractor—Al. H. Gnecco & Co., Wood St., S. F.

Filed April 11, 1928. Dated Mar. 13, 1928
Payments same as above.

TOTAL COST \$5890
Bond, \$2945; sureties Fidelity & Deposit Co.; forfeit, none; limit 125 days; no plans and specifications.

(145) TILE ROOFING ON ABOVE.

Contractor—Alta Roofing Co., 225 Gough St., S. F.

Filed April 11, 1928. Dated Mar. 13, 1928
Payments same as above.

TOTAL COST \$3197
Bond, \$1600; sureties, Pacific Indemnity Co.; forfeit, none; limit 125 days; no plans and specifications.

COMPLETION NOTICES

San Francisco County

April 6, 1928—39, 47, 51, 55 KEYSTONE WAY, Thomas J. Sullivan to whom it may concern.....April 6, 1928

April 5, 1928—LOTS 15, 16, 17 BLK 2956 Sub No 4, Miraloma Park Lot 28 Blk 2982 Sub 1 Miraloma, Meyer Bros. to whom it may concern.....April 3, 1928

Whom It May Concern.....April 4, 1928

April 4, 1928—E 26th AVE 175 S LAWTON S 25 x E 120. C. D. Seguin to Whom It May Concern.....April 4, 1928

April 4, 1928—E 18th AVE 99-10 N RIVERA 25-2x32 more or less. Oscar Swanson to Whom It May Concern.....April 4, 1928

April 5, 1928—SW GUTTENBERG 56 NW Hanover NW 25x78 No 280 Guttenberg. Harry Gordon to whom it may concern.....March 31, 1928

April 5, 1928—W 26TH AVE 150 N Taraval N 25xW 120 Ptn O L 1128. Mary E Bartel to W Swift.....April 5, 1928

April 5, 1928—W 20th AVE 225 S JUDAH 25x120. Elias Vigen to whom it may concern.....April 5, 1928

April 4, 1928—E 26th AVE 300 and 275 S LAWTON S 25 x 120. Castleberry & Boin.....April 4, 1928

April 4, 1928—E 26th AVE 300 E LAWTON S 25 x E 120. Castleberry & Boin to whom it may concern.....April 4, 1928

April 4, 1928—E 26th AVE 200 S LAWTON S 25 x E 120. B. H. Morris to April 7, 1928—N 23 rd 100 E DEHARO 25x100. E. F. Grace to whom it may concern.....April 6, 1928

April 7, 1928—N GROVE 55-1 W OCTAVIA W 27-9 N 69 E 0-8 N 51 E 27-1 S 120 to Grove and pt of beg. being Ptn WA Blk 207. Benjamin Fireman to whom it may concern.....April 7, 1928

April 7, 1928—E MOSCOW 275 N PERSIA and N 25x100. E. J. Quistad to whom it may concern.....April 6, 1928

April 7, 1928—NW WHIPPLE AVE. 150 NW Ellington Ave NW 25 x NE 100 Ptn Lots 7 and 8 Blk 17 West End Man No 2. Lillie Gregory to whom it may concern.....April 7, 1928

April 7, 1928—NW COR 14th and VICENTE 25x100. C. J. Elkington and Sons to whom it may concern.....April 7, 1928

April 7, 1928—SE BRUNSWICK 28 SW of Whittier, Harry W. Strong to Strong & Jorgenson.....April 7, 1928

April 7, 1928—W BAKER 100 S MARINA BLVD., S 32 x W 120. Emme Al. H. Weber to W. W. Rednall.....April 5, 1928

April 7, 1928—N 23rd 25 E DEHARO 25 x 100. E. F. Grace to whom it may concern.....April 6, 1928

April 9, 1928—E UTAH 57-6 N MARIPOSA N 25x100. A. J. Judnich Jr., A. Judnich and J. Kambic to whom it may concern.....April 5, 1928

April 9, 1928—E 20th AVE 175 S LAKE S 71 x E 120. O. M. Oyen to whom it may concern.....April 6, 1928

April 9, 1928—W SCOTT 107-6 WALKER S 25 x W 116-3. I. N. Rosekrans to whom it may concern.....April 1, 1928

April 9, 1928—SW SANTA ROSA AVE. as shown on Map Bernal Tract for pen 200 SE from SE Cayuga Ave. rung. SW and parl. with SE Cayuga Ave. 265 NW 75 to pt of beg. of ppy. to be desc'd. then from said pt. of beg. NW at right angles to said SE Cayuga Ave. dist. 25 SW 84 more or less to present NE Bauer SE alg Bauer 25 more or less to line parl. with SE Cayuga Ave. from pt of beg. NE 82 more or less to beg. The McCarthy Co. to James Arnott & Son.....April 5, 1928

April 9, 1928—NW PRECITA 180 NE Mission. W. B. Jefferson to whom it may concern.....April 6, 1928

April 9, 1928—E 18th AVE. 98 N LAKE N 27 E 120 S 25 N 62.6 S 2 N 57.6. Henry Eickhoff, Jr., to H. H. Larsen Co.....April 7, 1928

April 9, 1928—LOTS 18, 19 BLK 6802 and Lots 11, 12, 13 blk 6803, Map Castle Manor. Castle Building Co. to Henry Horn.....April 4, 1928

April 9, 1928—25x100 on SE line Vienna 225 SW Brazil. Lorenzo Besio to whom it may concern.....April 9, 1928

April 9, 1928—E 25th AVE. 225 S LAWTON S 25 x E 120. E. A. Florence to whom it may concern.....Apr. 5, 1928

April 9, 1928—NW FELL and STEINER N alg W Steiner 96-3 W 110 N 41-3 W 27-6 S 137-6 to N Fell E alg N Fell 137-6 to pt of beg., being ptn. of W blk 379. Theodore Sampson & Co. vs. Mrs. L. Broniscol.....\$1426.50

April 10, 1928—S STANFORD & BRANNAN SE 80 x SW 206.3 Johns Manville Inc., vs Ray Const. Co., Crane Co.....\$2639.38

April 10, 1928—LOTS 1-2-3 and 44 Blk 2917 Map Laguna Honda Park. Geo. H. Tay Co. vs Clayton R. Janssen and O. H. Hansen.....\$466.42

April 10, 1928—NE RUSSIA & EDINBURGH. Alfred Hendrickson, \$45; Evert Nyland, \$63, vs. Alex Mattson, Clyde Walker and Thos. M. Foley.....\$578

April 10, 1928—866 POST ST. Aldo Cominoli vs Fred Baldocchi.....\$578

April 10, 1928—LOT 6 BLK 9 FOREST HILL. Carl Stendell vs Frank R. and Allie J. Hill.....\$287

April 10, 1928—W VERMONT 75 S 18th S 25 x N 100. Walter T. Stubo vs W. C. Wolpert.....\$210

April 10, 1928—SW STANFORD and Brannan. Hubert R. Hill vs Ray Const. Co.....\$450

April 10, 1928—LOT 12 BLK 3 SYNDICATES 1st Addn. M. Cramer at Ajax Roofing Co. vs Joseph Blahnik.....\$13

April 10, 1928—SW BRANNAN and Stanford 80 on Brannan & 206-3 on Stanford. B. Rosenberg vs Crane Co.....\$533.20

April 10, 1928—S STANFORD and BRANNAN SE alg SW Stanford 206-3 x W 80 ptn blk 360 of 100 V. also known as lots 27 and 28 blk 3788 on blk lot of Assessor. W. P. Fuller & Co. vs James C. Ray as Ray Construction Co. and Crane Co.....\$1120

April 10, 1928—S STANFORD and Brannan SW 80 x SE 206-3. Johns Manville Inc. vs James C. Ray vs Ray Const. Co.....\$2639.38

April 10, 1928—N FARALLONES 440 E Orizaba Ave E 25 x N 125 ptn lot 8 blk R man Land of Railroad Assn. George R. Nelson vs Fred C. Wolpert.....\$545.85

April 10, 1928—S BRANNAN & STANFORD NW 80 SE 206-3 NE 80 NW 206-3. Decker Elect. Const. Co. vs Ray Const. Co., Crane Co.....\$1634.16

April 10, 1928—25x137-6 on S GRAPY 114 E Webster St. Lacey & Schulz vs Wiley & Duncan and 1st African Methodist Episcopal Zion Church of San Francisco and Rev. McGruder.....\$1120

April 10, 1928—N LOROS 30 E ORIZABA Ave E 30 x N 75 ptn lot 5 blk

April 4, 1928—LOT 11 BLK 21 SUB Forest Hill. Acme Gravel Co. vs James Stevenson and C. M. Jacobson and Esther Jacobson. \$125.15
 April 5, 1928—N LOMBARD 225 W Steiner W 50XN 137-6, known as Lot 313 Blk 190 and known as 2212-2216 Lombard St. Ernest Cassassa vs Solomon and Minnie Schmulowitz. \$25
 April 5, 1928—N LOMBARD 225 W Steiner W 50XN 137-6, known as Lot 313 Blk 190 Assessor's Blk. David C. Robinson vs Solomon and Minnie Schmulowitz. \$100
 April 5, 1928—LOT 11 BLK 21 CROCKER Amazon Tract on NE cor Prague & Naylor Sts. Oliver H. Groves vs John L. Hardiman & F. E. O'Connor or Happy Home Realty Co. \$118.90
 April 5, 1928—NE JACKSON & WALL Place N 131.6XE 60. J. T. W. Jay vs Mary A. Wall. \$320
 April 5, 1928—LOT 11 BLK 21 FOREST Hill. Redwood Manufacture Co vs Esther, C. M. Jacobson, Marion Barker and Louis Goldstein. \$353
 April 4, 1928—W 38th AVE 275 S TARAVAL. S 50 X W 120. T. I. Butler vs Christine Olson. \$1,000
 April 4, 1928—BLK 6089, LOT 18 50X100 NE Cor Russia and Edinburgh. Merwin F. Kerrison vs Thos. M. Foley, Alex Mattson and Clyde Walker. \$34.50
 April 4, 1928—BLK 6089, LOT 18 50X100 NE Cor of Russia and Edinburgh. A. M. Woodland vs Thos. M. Foley, Alex Mattson and Clyde Walker. \$30
 April 4, 1928—SE CHESTNUT and Broderick S. alg Broderick 62-6 X E 93-9 Ptn W A 48X. Fred C. Brock vs A. B. Harrison. \$615.50
 April 4, 1928—S SADOWA 480 W CAPITOL S. alg W Sadowa 25X125 S. John Cassaretto vs Eleanor S. and E. H. Mills. \$72.50
 April 6, 1928—N PARALLONES 440 E ORIZABA AVE E 25 X N 125. Baciagalupi & Dagneau vs F. C. and Lucia W. Wolpert. \$100
 April 6, 1928—N LOBOS 60 E ORIZABA E 30 X N 75. Baciagalupi & Dagneau vs F. C. and Lucia W. Wolpert. \$115
 April 6, 1928—N PARALLONES 415 E ORIZABA E 25 X N 125. Baciagalupi & Dagneau vs F. C. and Lucia W. Wolpert. \$100
 April 6, 1928—N LOBOS 30 E ORIZABA E 30 X N 75. Baciagalupi & Dagneau vs F. C. and Lucia W. Wolpert. \$115
 April 6, 1928—N LAGUNA HONDA Blvd. 65 SE Hernandez and 103 SE Hernandez and 111 SE Hernandez in Blk 2891 Map Lots 33, 34, 35. R. A. Currie and Arthur Parsons vs Pacific Metal & Furnace Co. vs Richard E. and Eva M. Giller. \$304.50
 April 6, 1928—LOT 25 BLK 2 FOREST Hill. Acme Gravel Co. vs J. Stevenson, George E. and Genevieve Stevenson. \$196.65
 April 7, 1928—S GEARY 65 E Webster S 22XE 137-6. San Francisco Lumber Co vs Wildy & Duncan and Board of Trustees of A. M. E. Church of San Francisco. \$2218.61
 April 7, 1928—PTN LOT 21 BLK 2891 Laguna Honda Park NE Laguna Honda Blvd and NW line Lot 21. Ptn Lots 20 and 21 Blk 2891, Laguna Honda Park NE Laguna Honda Blvd and NW 38 1/2 from SE line Lot 20; Ptn Lot 21 Blk 2891, Laguna Honda Park NE Laguna Honda Blvd and SE line Lot 20. Incandescent Supply Co vs Richard E. and Eva M. Giller. \$269

LIENS FILED

San Francisco County

April 4, 1928—SE 24th AVE and MORAVIA St 20 X 137-6. Jas. A. McCarthy vs J. Rhoads. \$120.15
 April 6, 1928—LOT 1 BLK 11 Forest Hill. C. E. Chetwood and A. E. Dunham vs N. C. McGeorgey and H. G. Hirsall. \$41.16
 April 6, 1928—LOT 4 BLK 11, Forest Hill. C. E. Chetwood vs N. C. McGeorgey and H. G. Hirsall.
 April 6, 1928—NE LAGUNA HONDA Blvd Dist 113.16 more or less SE from SE Hernandez Ave SE alg NE Laguna Honda Blvd. 38.419 NE 111-298 NW 33.1 SW 92.195 to NE Laguna Honda Blvd. and pt. of beg. 333 Laguna Honda Blvd. F. B. Cook and E. M. Bonds vs Richard E. Giller and Eva Giller. \$50.51
 April 7, 1928—SE BRANNAN at its intersection with its SW line Stanford SW alg Brannan 80 SE 206-3 NE 80 to SW Stanford NW alg Stanford 206-3 to beg ptn of survey. O'Mara and Stewart, composed of J. C. O'Mara and W. T. Stewart vs Ray Construction Co. and Crane Co. \$115
 April 7, 1928—NE LAGUNA HONDA Blvd 65 SE Hernandez SE 38 X NE to S corner of lot 23 blk 2891 NW to E corner of lot 22 blk 2891 then SW to beg., being ptn lot 21 blk 2891 NE Laguna Honda Blvd 103 SE Hernandez rung. 38 on Laguna Honda Blvd., being ptn lot 21 blk 2891 lot 20 blk 2891 NE Laguna Honda Blvd 141 SE Hernandez 38 on Laguna Honda Blvd being ptn lot 20 blk 2891. Coast Cabinet Company, H. E. Ramm vs Richard E. and Eva M. Giller. \$194.50
 April 7, 1928—LOT 21 BLK 2891 Assessor's Map Book, also known as 315 Laguna Honda Blvd., also said lot coming at pt on NE line Laguna Honda Blvd Dist 65.078 more or less SE from Hernandez Ave rung. SE alg NE Laguna Honda Blvd 38.419 NE 125.335 NW 33.4 SW 106.232 to NE Laguna Honda Blvd and pt. of beg. F. B. Cook and E. M. Bonds vs Richard E. Giller and Eva Giller. \$138.50
 April 7, 1928—NE Laguna Honda Blvd. Dist. 103.497 more or less SE from SE Hernandez Ave. rung. SE alg NE Laguna Honda Blvd. 38.419 NE 125.335 NW 33.4 SW 106.232 to NE 21.8 NE 52.243 NW 11.8 SW 125-335 to NE Laguna Honda Blvd and pt of beg. F. B. Cook and E. M. Bonds vs Richard E. and Eva Giller. \$128.50
 April 7, 1928—E RUSSIA AVE and EDINBURGH NE alg SE Edinburgh 50 X SE 100 ptn Excelsior Hd. Ass'n blk 45. Emil Lagorio and Frank E. Morcello as Excelsior Builders Supply Co. vs Alexander G. and Olive Mattsen, Thos. M. Foley, C. R. Walker and T. C. G. as Grady & Walker. \$613.89
 April 7, 1928—S STANFORD and BRANNAN SW 80 X SE 206-3. Morrison & Co vs Crane Co., Ray Construction Co. \$1533.17
 April 9, 1928—S BRANNAN and STANFORD NW 80 SE 206-3 NE 80 NW 206-3. Brode Iron Works vs Ray Construction Co. and Crane Co. \$2389.50
 April 9, 1928—LOT 1 BLK 6417 CROCKER Amazon Tract Sub. 2 desc: commencing NE Naylor with SE Prague SE 66.29 NE 24.6 NW 62.48 more or less to SE Prague SW 246 more or less to beg. V. A. Murray vs Frances E. and Olga W. O'Connor and John L. and Harriet C. Hardiman. \$89.75

RELEASE OF LIENS

San Francisco County

Recorded Amount
 April 6, 1928—1551 McKINNON AVE. Howes Lumber Co to Emanuele and Carrie Tonna. \$194
 April 5, 1928—N FELL and STEINER N 96-3 W 110 N 41-3 N 27-6 S 137-6 E 137-6. Otto Zechlin to Mrs. L. Broniseol.
 April 5, 1928—E RHODE ISLAND 266 S 20th E 100 X S 25. Reinhart Lumber & Planing Mill Co. to M. Jabin.
 April 5, 1928—S 19th 87.6 W DIAMOND N 25 X S 110. R. Pietro Paoli & A. N. Stonebach to Joseph F. and Marie A. Kirschling.
 April 1, 1928—NW FELL & STEINER N 96-3 W 110 N 41-3 W 27-6 S 137-6 E 137-6. E M Hundley to Mrs. L. Broniseol and Theo N Swampson.
 April 4, 1928—SW SCOTT AND BAY W alg S Bay 93-9X 50 being all Lot 1 Blk 928. Reinhart Lumber & Planing Mill Co to J. McKillop.
 April 4, 1928—NE TWENTY-FIRST and Capp. A. L. Green to E J McDermott and F R McKurth.

April 9, 1928—SW McKinnon 275 SE Mendell SE 25 X SW 100 ptn blk 267 S SF Hd & R R Assn. Holmes Lime & Cement Co. to J. M. Smith, Emanuele and Carrie Tonna.
 April 7, 1928—LOT 28 BLK 3, Map Forest Hill. Tony Jacobini to Albert J. Pon

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
786	Crosby	Sham	11816
787	Dawson	Cedarborg	1500
788	Marks	Smith	1480
789	Peel	Owner	4200
790	Peterson	Hooper	6000
791	Steers	Mailanen	12500
792	Duerr	Allen	3325
793	Grassi	Owner	2300
794	Hauser	Owner	3500
795	Mazzanti	Warner	7900
796	Maiden	Brown	2000
797	Percival	Williams	5000
798	Regan	Owner	1000
799	Kayser	Kurtz	8600
800	Hanson	Owner	18800
801	Lamb	Owner	3500
802	Stephenson	Connors	2000
803	Thornburg	Owner	5000
804	Boyd	Owner	3000
805	Condit	Owner	00
806	Flagg	Owner	4000
807	Gillen	Owner	2075
808	Granechar	Schulz	9200
809	Page	Owner	0000
810	Page	Owner	3000
811	Sedlack	Owner	4000
812	Ambahl	Owner	1500
813	Berg	Owner	4000
814	Morcom	Schneblly	1000
815	Oakland	Branagh	121,000
816	Conant	Pearson	5900
817	Dowling	Owner	3500
818	Holman	Garvey	1575
819	Justice	Owner	3300
820	Morgensen	Owner	60
821	Taliferro	O'Neill	1215
822	West	Mehrtens	3900
823	Bent	Owner	1400
824	Cherington	Eddington	12
825	Cooper	Gaubert	30000
826	Ferrero	Corley	3650
827	Houck	Owner	3700
828	Legris	Owner	0000
829	Kaskey	Owner	400
830	Moore	Knowles	1250
831	Stacy	Stack	1700
832	Sprague	Owner	3000
833	Dixon	Owner	3750
834	Bammann	Owner	2900
835	Frederick	Owner	1600
836	Grassi	Owner	2600
837	Hufschmidt	Williamson	2800
838	Pacific	MacDonald	134715
839	Read	Read	2000
840	Haney	Pearson	7500
841	Johnson	Owner	10000
842	Barneson	Fink	8500
843	Diamond	Owner	7000
844	Herrick	Bishop	1500
845	Reiber	Marquis	2000
846	Twentieth	Walker	10000
847	Ward	Owner	1500

RESIDENCE

(786) NO. 68 SHARON AVE., Piedmont. Two-story 9-room frame residence and garage.
 Owner—C. C. Crosby, Central Bank Bldg., Oakland.
 Architect—W. E. Schirmer, 1079 Excelsior Blvd., Oakland.
 Contractor—H. S. Shain, 54 Arlett St., Hayward. \$11,816

GARAGE

(787) NO. 304 HILLSIDE AVE., Piedmont. Garage.
 Owner—H. Ward Dawson, Premises.
 Architect—Albert Farr, 68 Post St., San Francisco.
 Contractor—A. Cedarborg, 1455 Excelsior Blvd., Oakland. \$1500

ALTERATIONS

(788) NO. 2915 AVALON AVE., Berkeley. Alterations.
 Owner—S. M. Marks.
 Architect—None.
 Contractor—J. H. Smith, 2011 Francisco St., Berkeley. \$1450

RESIDENCE

(789) NO. 2467 VIRGINIA ST., Berkeley. One-story 8-room 2-family residence and garage.

Sunday, April 14, 1928

Owner—Marcus A. Peel, 10 Oakvale Ave., Berkeley.
 Architect—Wayn Thorpe. \$2200

RESIDENCE
 (7) NO. 7 MONTICELLO AVE., Piedmont. Two-story 5-room frame residence and garage.
 Owner—Mrs. L. B. Peterson, 1127 Rose Ave., Piedmont.
 Architect—None.
 Contractor—W. H. Hooper. \$6000

RESIDENCE
 (5) NO. 108 REQUA ROAD, Piedmont. Two-story 9-room frame residence and garage.
 Owner—Frank M. Steers, 510 Mandana Blvd., Oakland.
 Architect—Newsom Bros., Federal Realty Bldg., Oakland.
 Contractor—O. W. Mailanen, 1430 Allston Way, Berkeley. \$12,500

DWELLING & GARAGE
 (2) 1515 79th AVE., Oakland; 1-story 6-room dwelling and latory garage.
 Owner—F. C. Duerr, 2761 68th Ave., Oakland.
 Architect—None.
 Contractor—James Allen, no address. \$3,200 and \$125

DWELLING
 (3) W 94th AVE., 32 S BIRCH ST., Oakland; 1-story 4-room dwelling.
 Owner—Mrs. John Grassi, 9424 Plymouth St., Oakland.
 Architect—None.
 Contractor—Owner. \$2300

APARTMENTS
 (4) NE 14th ST., 85 W 72nd AVE., Oakland; 1-story stores.
 Owner—E. Hauser, 2625 Maxwell Ave., Oakland.
 Architect—A. W. Smith, American Bank Bldg., Oakland.
 Contractor—Owner. \$2500

APARTMENTS
 (5) NE 15th ST., 60 E 35th AVE., Oakland; 2-story 11-room apartments.
 Owner—V. Mazzanti, 1512 34th Ave., Oakland.
 Architect—None.
 Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. \$7900

ALTERATIONS
 (96) 1441 FRANKLIN ST., Oakland; alterations.
 Owner—Maiden-Rittigstein, 420 15th St., Oakland.
 Architect—None.
 Contractor—Henry Brown, 1387 E. 32nd St., Oakland. \$2000.

DWELLING
 (97) N McKILLOP RD., 400 E-E 29th St., Oakland; 2-story 5-room dwelling.
 Owner—Anna H. Percival, no address.
 Architect—None.
 Contractor—H. E. Williams, 1606 Cavanaugh Rd., Oakland. \$5000

DWELLING
 (98) 1000 40th AVE., Oakland; 1-story shed.
 Owner—Parker Regan, 1000 40th Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$1000

RESIDENCE
 (99) 1028 KEITH AVE., Berkeley; 2-story 8-room frame residence.
 Owner—E. P. Kayser, 1028 Keith Ave., Berkeley.
 Architect—Edw. Russ, Berkeley.
 Contractor—S. A. Kurtz, 364 41st St., Oakland. \$8600

RESIDENCES
 (300) NO. 1191-1195-1197-1199 SUTTER ST., Berkeley. Four two-story 5-room 1-family residences and garages.
 Owner—G. S. Hansen, 424 Wayne Ave., Berkeley.
 Architect—Allen Goldsworth, 856 20th St., Oakland. \$4700 each

RESIDENCE
 (801) NO. 1717 CARLTON ST., Berkeley. One-story 5-room 1-family residence.
 Owner—E. R. Lamb, 1064 16th St., Oakland.
 Architect—None. \$3500

ALTERATIONS
 (302) NO. 2946 PIEDMONT AVE., Berkeley. Alterations.

Owner—Mrs. F. Stephenson, 2516 Hearst Ave., Berkeley.
 Contractor—Connor & Connor, 1726 Grove St., Berkeley. \$2000

DWELLING
 (303) NO. 1829 SPRUCE ST., Berkeley. Two-story 7-room 3-family dwelling.
 Owner—J. W. Thornburg, Thornburg Village, Berkeley.
 Architect—None. \$5000

DWELLING
 (804) W ALTA RD., 150 N Florence, Oakland; 1-story 3-room dwelling.
 Owner—K. D. Boyd, 1085 Warfield Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$3500

DWELLING
 (805) W 99th AVE. 160 SE 14th., Oakland; 1-story 5-room dwelling.
 Owner—Harrison S. Condit, 1345 99th Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$3500

DWELLING
 (806) 3422 BIRDFALL AVE., Oakland; 1-story 5-room dwelling.
 Owner—John S. Flagg, 2501 Best Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$4000

DWELLING & GARAGE
 (807) N WISCONSIN, 32 E MAGEE, Oakland; 1-story 3-room dwelling & 1-story garage.
 Owner—Glen Gillen, 3125 25th Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$2000 and \$75

DWELLING & GARAGE
 (808) N STONEWALL ROAD, 800 N Claremont, Oakland; 2-story 7-room dwelling and 1-story garage.
 Owner—O. L. Granichar, 978 Tulare Ave., Berkeley.
 Architect—None.
 Contractor—H. K. Schulz, 811 Mendocino Ave., Oakland. \$8500 and \$700

DWELLING
 (809) SW COR. 69th AVE and OUT-LOOK, Oakland; 1-story 5-room dwelling.
 Owner—M. Page, 2515 Mason St., Oakland.
 Architect—None.
 Contractor—Owner. \$3000

DWELLING
 (810) 3545 69th AVE., Oakland; 1-story 5-room dwelling.
 Owner—Mark Page, 2515 Mason St., Oakland.
 Architect—None.
 Contractor—Owner. \$3000

STORE
 (811) N. FT. BLVD., 50 W 38th AVE., Oakland; 1-story store.
 Owner—E. Sedlock, 2212 21st Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$4000

DWELLING
 (812) E 90th AVE., 50 N WALNUT AVE., Oakland; 1-story 5-rm. dwelling.
 Owner—A. Ambuhl, 1618 90th Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$1500

DWELLING
 (813) 3520 JORDAN ROAD, Oakland; 1-story 6-room dwelling.
 Owner—Berg & Swanson, 3854 Midvale Ave., Oakland.
 Architect—None.
 Contractor—Owner. \$4000

ALTERATIONS
 (814) 1724 Broadway, Oakland; alterations.
 Owner—Fred Morcom, no address.
 Architect—None.
 Contractor—H. W. Schnebly, 6th & Jackson Sts., Oakland. \$1000

GYMNASIUM
 (815) S HOPKINS ST., 380 W PARK BLVD., Oakland; 2-story conc. gymnasium.
 Owner—Oakland Public Schools, City Hall, Oakland.
 Architect—J. I. Easterly, 337 17th St., Oakland.
 Contractor—John E. Branagh, 184 Perry St., Oakland. \$121,000

RESIDENCE & GARAGE
 (816) 1001 BAY VISTA AVE., 1-story 6-room family residence and garage.
 Owner—R. A. Conant, 1791 Oxford St., Berkeley.
 Architect—O'Brien Bros. & Peugh, 319 Montgomery St., S. F.
 Contractor—G. A. Pearson. \$5900

DWELLING
 (817) 2808 CLAY ST., Alameda; 1-story 5-room dwelling, stucco finish.
 Owner—S. J. Downing, 2801 Clay St., Alameda.
 Architect—Owner. \$3500

SERVICE STATION
 (818) 1101 BUENA VISTA AVE., Alameda; gasoline service station; steel frame, stucco finish.
 Owner—Bruce Holman, 12th & Webster Sts., Oakland.
 Architect—None.
 Contractor—T. J. Garvey, 716 8th St., Alameda. \$10,000

DWELLING
 (819) 2602 BAY ISLAND AVE., Alameda; 1-story 5-room dwelling; cement plaster finish.
 Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
 Architect—Owner. \$3300

DWELLING
 (820) 1619 MORELAND DRIVE, Alameda; 1-story 6-room dwelling; cement plaster finish.
 Owner—Morgensen Bros., 5664 Broadway, Oakland.
 Architect—Owners. \$6

ALTERATIONS
 (821) 761 PACIFIC AVE., Alameda; alterations.
 Owner—Joe and B. M. Taliaferro, 761 Pacific Ave., Alameda.
 Architect—None.
 Contractor—L. C. O'Neill, 4311 72nd Ave., Oakland. \$1215

DWELLING
 (822) 462 HAIGHT AVE., Alameda; 1-story 6-room dwelling; cement plaster finish.
 Owner—West End Builders' Ass'n., 1536 Webster St., Alameda.
 Architect—Owners.
 Contractor—H. G. Mehrtens, 1536 Webster St., Alameda. \$3300

OFFICE & SHOP
 (823) E 17th AVE., 300 N THE ESTUARY, Oakland; 1-story office and 1-story shop.
 Owner—Bent Concrete Pipe Co., premises.
 Architect—None. \$1400

DWELLING
 (824) 1000 HOLLYWOOD AVE., Oakland 2-story 12-room dwelling.
 Owner—C. C. Cherington, 2508 21st Ave., Oakland.
 Architect—None.
 Contractor—W. N. Eddington, 3431 Maine St., Oakland. \$12,000

MORTUARY
 (825) SE COR. E 16th ST. & FRUITVALE AVE., Oakland; 2-story 30-room mortuary.
 Owner—Clarence N. Cooper, 3347 E 14th St., Oakland.
 Architect—R. C. Schuppert, no address.
 Contractor—Gaubert Bros., 4735 Brookdale Ave., Oakland. \$30,000

DWELLING & GARAGE
 (826) SE COR. 87th AVE & PLYMOUTH ST., Oakland; 1-story 5-room dwelling and 1-story garage.
 Owner—Lorenzo Ferrero, no address.
 Architect—None.
 Contractor—C. Corley, 1811 Brush St., Oakland. \$7500 and \$150

DWELLING & GARAGE
 (827) 2315-2317 E 29th ST., Oakland; 1-story 6-room two family dwelling and 1-story garage.
 Owner—Mabel M. Houck, 2771 Orange Ave., Oakland.
 Architect—None. \$3500 and \$200

DWELLING
 (828) 2501 E 21st St., Oakland; 1-story 5-room dwelling.
 Owner—V. J. Legris, 2329 E 26th St., Oakland.
 Architect—None. \$3000

DWELLING
 (829) N OUTLOOK AVE., 200 E 82nd AVE., Oakland; 1-story 5-room dwelling.
 Owner—H. T. Kaskey, 5922 Mauritania Ave., Oakland.
 Architect—None. \$4000

FLATHOUSES

(104) 1040 4th AVE., Oakland; alter and addition.
Owner—A. A. Moore, 1048 6th Ave., Oakland.
Architect—None.
Contractor—W. C. Knowles, 12th & Webster Sts., Oakland. \$1250

ALTER & ADDITION

(105) 1050 JULIUS ST., Oakland; alterations and addition.
Owner—J. L. Stacy, 1051 Julius St., Oakland.
Architect—None.
Contractor—Chas. W. Stock, 2112 Acton St., Berkeley. \$1700

APARTMENTS

(106) 1060 NW COR. ALLEN & GROVE STS., Oakland; 2-story 36-room apartments.
Owner—J. E. Sprague, 713 36th St., Oakland.
Architect—None. \$30,000

RESIDENCE & GARAGE

(107) 1070 COLUSA AVE., Berkeley; 1-story 6-room 1-family residence and garage.
Owner—Constance G. Dixon, 58 Northampton Rd., Berkeley.
Architect—H. W. Dixon. \$3750

DWELLING

(108) 1080 W 7th AVE., 115 S BECK ST., Oakland; 1-story 4-room dwelling.
Owner—Fred Baumann, 2000 45th Ave., Oakland.
Architect—None. \$2750 and \$150

ALTER & ADDITION

(109) 10922 HARRISON ST., Oakland; alterations and addition.
Owner—Mrs. P. G. Frederick, 3911 Harrison St., Oakland.
Architect—None. \$1500 & \$100

DWELLING

(110) 1100 W 9th AVE., 32 S BIRCH ST., Oakland; 1-story 4-room dwelling.
Owner—Mrs. John Grassi, 94th Ave. and Plymouth St., Oakland.
Architect—None. \$200

DWELLING

(111) 1110 SE 28th ST., 100 E 28th AVE., Oakland; 1-story 4-room dwelling.
Owner—Walter Hufschmidt, 89 Nova Dr., Piedmont.
Architect—None.
Contractor—E. M. Williamson, 2761 Alameda Ave., Oakland. \$2800

TELEPHONE EXCHANGE

(112) 1120 S 45th ST., 17 E TELEGRAPH AVE., Oakland; 2-story brick telephone exchange.
Owner—Pacific Telephone & Telegraph Co., Telephone Bldg., S. F.
Architect—E. V. Cobby, Telephone Bldg., San Francisco.
Contractor—MacDonald & Kahn, 200 Financial Center Bldg., S. F. \$134,715

DWELLING

(113) 1130 E 9th AVE., 105 S SCOTT ST., Oakland; 1-story 5-room dwelling.
Owner—Ernest and Beatrice Read, 4829 Foothill Blvd., Oakland.
Architect—None.
Contractor—Ernest Read, 4829 Foothill Blvd., Oakland. \$3000

RESIDENCE

(114) 1140 MARIN AVE., Berkeley; 2-story 8-room 1-family residence.
Owner—H. J. Hancy, 2036 Blake St., Berkeley.
Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley.
Contractor—Ben Pearson, 1868 Channing Way, Berkeley. \$7500

APARTMENTS

(115) 1150 HILGARD AVE., Berkeley; 2-story 18-room 4-family apt., 1-story.
Owner—Carl Johnson, 3332 Adeline St., Berkeley.
Architect—None. \$1000

ALTERATIONS

(116) 1160 15th ST., Oakland; alterations.
Owner—H. L. Harrison, 246 Montgomery St., S. F.
Architect—None.
Contractor—The Fink Shindler Co., 900 13th St., S. F. \$8500

DWELLING

(117) 1170 SW COR. 66th AVE and Arthur St., Oakland; 1-story 12-room 4-family dwelling.
Owner—J. Diamond, 1451 79th Ave., Oakland.
Architect—None. \$7000

ALTER & ADDITION

(118) 1180 60th ST., Oakland; alter. and addition.
Owner—D. O. Herrick, 606 60th St., Oakland.
Architect—None.
Contractor—J. E. Bishop, 587 Athol Ave., Oakland. \$1500

DWELLING

(119) 1190 E 9th AVE., 180 S Santa Rita St., Oakland; 1-story 4-room dwelling.
Owner—J. Reiber, 2236 40th Ave., Oakland.
Architect—None.
Contractor—E. M. Marquis, 2827 Russell St., Berkeley. \$2000

ALTERATIONS

(120) 1200 E BROADWAY, 259 S 20th St., Oakland; alterations.
Owner—Twentieth St.-Broadway Realty Co., no address.
Architect—None.
Contractor—P. J. Walker Co., 810 Oakland Bank Bldg. \$10,000

ALTER & GARAGE

(121) 1210 NE COR. BROADWAY TER. and Pinehaven Road, Oakland; alter. and 1-story garage.
Owner—Henry G. Ward, 518 43rd St., Oakland.
Architect—None. \$1250 and \$250

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
111	Kayser	Furtz	8341
112	Mazzanti	Hambleton	7990
113	Kemp	Hambleton	6100
114	Conant	Pearson	5960
115	Hunt	van Gelder	2600
116	Alsgood	Warn	7695
117	Kennedy	Bay	8466
118	Pye	Anderson	5750
119	Southern	Griffin	

RESIDENCE

(111) LOT 22 BLK 2, North Cragmont, (being No. 1028 Keith Ave.), Berkeley
All work for two-story 8-room frame residence.
Owner—Elmer P. and Jessie T. Kayser, 1028 Keith Ave., Berkeley.
Architect—Edward A. Russ, Berkeley.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Filed April 5, '28. Dated Mar. 26, '28.
Roof framed 25%
Rough plastered 25%
When completed 25%
Usual 35 days 25%
TOTAL COST, \$8341

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit applied for today.

BUILDING

(112) N E-FIFTEENTH ST. 100 E 35th Ave., Oakland. All work for building.
Owner—V. Mazzanti, Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland.

Filed April 6, '28. Dated April 4, '28.
Frame up \$1975
1st coat plaster on 1975
When completed 1975
Usual 35 days 1975
TOTAL COST, \$7900

Bond, \$2950. Sureties, J. A. Freitas and H. S. Salisbury. Limit, 75 days. Forfeit, \$5 per day. Plans and specifications filed

(113) N ALAMEDA AVE 199 E Unk St., Alameda. All work for building.
Owner—Elizabeth J. Kemp, 1418 Central Ave., Alameda.
Architect—A. Reinhold Denke, 222 Dziel Bldg., Oakland.

BUILDING

Contractor—Fred Hambleton, 105 Chatham St., Oakland.
Filed April 6, '28. Dated April 5, '28.
Floor joists placed \$11
Roof on 11
1st coat plaster on 11
When completed 11
Usual 35 days 15
TOTAL COST, \$61

Bond, \$6100. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING

(114) LOT 22 BLK 17, Thousand Oaks Tract, Berkeley. All work for building.
Owner—Roger N. Conant, 1791 Oxford St., Berkeley.

Architect—O'Brien Bros. and W. L. Peugh, 315 Montgomery St., San Francisco.

Contractor—G. A. Pearson, 1906 Berryman St., Oakland.
man St., Berkeley.

Filed April 7, '28. Dated April 3, '28.
When framed \$140
Brown coated 140
When completed 140
Usual 35 days 140
TOTAL COST, \$560

Bond, \$2980. Sureties, Walter Hanse and W. D. Farrar. Limit, 75 days. Forfeit, none. Plans and specifications filed

BUILDING

(115) LOT 257 BLK 2334, Terminal Junction, Albany. All work for building.
Owner—Thomas J. and Jennie M. Hunt.

Architect—None.
Contractor—Floyd van Gelder.
Filed April 7, '28. Dated April 6, '28.
Frame up 1
Brown coated 1
When completed 1
TOTAL COST, \$260

Bond, none. Limit, July 16, 1928. Forfeit, plans and specifications, none.

BUILDING

(116) SWAINLAND RD 100 N Broadway Terrace being Lots 65 and 66 Subdiv. Claremont Woodland Heights Oakland. All work for building.
Owner—Charles C. and Bernice L. Alsgood, 451 Clifton Ave., Oakland.

Architect—None.
Contractor—F. E. and G. C. Warn (Warn Bros.), 419 E-Merle Court San Leandro.

Filed April 10, '28. Dated Feb. 14, '28.
Roof on \$1923.75
Brown coated 1923.75
When finished 1923.75
Usual 35 days 1923.75
TOTAL COST, \$7695.00

Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

GENERAL CONSTRUCTION

(117) NW 16th and MARKET STs., Oakland. General construction.
Owner—H. G. Kennedy, 1140 Chatham Road, Oakland.

Architect—W. J. Wilkinson.
Contractor—Bay City Corporation, Howden Bldg., Oakland.

Filed April 11, 1928. Dated March 7, 1928.
When concrete walls are poured \$2,116.50
1st coat of plaster 2,116.50
When completed 2,116.50
Usual 35 days 2,116.50
TOTAL COST \$8466.00

Bond, none; surety, none; forfeit, none; limit, 90 days; plans and spec. filed.

GENERAL CONSTRUCTION

(118) LOT 461 BLK Y Fernside Tract, Alameda. General construction.
Owner—A. C. Pye, Alameda.

Architect—None.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

Filed April 11, 1928. Dated April 5, 1928.
When rafters are placed \$1437.50
1st coat of plaster 1437.50
When completed 1437.50
Usual 35 days 1437.50
TOTAL COST \$5750

Bond, none; surety, none; forfeit, none; limit, 90 days; plans and spec. filed.

GEN. CONST. OF PACKING SHED

(119) AT OR NEAR CENTERVILLE; general construction of packing shed.
Owner—Southern Pacific Co., Oakland.
Architect—None.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Sunday, April 14, 1928

Contractor—R. A. Griffin, Irvington.
 Filed, April 11, 1928. Dated April 6, 1928.
 Loss of each month.....75% of value
 Balance usual 35 days.....
TOTAL COST \$3440
 Bond, \$3440; surety, National Surety Co.;
 Forfeit, none; limit, 24 days; plans and
 specifications filed.

OAKLAND BUILDING SUMMARY

S. Holmes, city building inspector of
 Oakland, for the month of March, 1928,
 reports the issuance of 580 building per-
 mits for improvements involving an ex-
 penditure of \$1,925,578. Following is a
 segregated report as compiled by Inspec-
 tor Holmes:

Classification of Bldgs.	No. Permits	Cost
1-story dwellings.....	101	\$ 310,100
2-story dwellings.....	2	7,150
3-story 4-fam. dwellings.....	2	12,500
4-story dwellings.....	10	82,870
5-story apartments.....	6	279,000
6-story stores.....	2	12,000
7-story factory.....	2	23,000
8-story shop.....	1	2,000
9-story club.....	1	240,000
10-story tile garage.....	3	2,500
11-story brick garage.....	3	31,400
12-story brick school.....	2	75,004
13-story brick gymnasium.....	1	45,409
14-story brick stores.....	2	33,135
15-story brick whse. & office.....	1	9,600
16-story brick stores.....	1	20,000
17-story brick whse.....	1	15,000
18-story addition.....	1	10,000
19-story brick & tile shop.....	1	4,000
20-story brick & tile store.....	1	8,000
21-story con. store.....	1	150,000
22-story con. garage.....	2	2,500
23-story con. stores.....	2	16,500
24-story con. stores & of.....	1	30,000
25-story con. garage.....	1	220,000
26-story con. whse.....	1	41,000
27-story steel ser. sta.....	1	600
28-steel tower.....	1	3,500
29-platform.....	1	640
30-billboards.....	59	3,059
31-elec. signs.....	29	9,575
32-marquee.....	1	1,500
33-roof sign.....	12	282
34-1-story garages & sheds.....	135	27,284
35-Additions.....	70	47,522
36-Altera. & repairs.....	119	148,858
Total.....	580	\$1,925,578

COMPLETION NOTICES

Alameda County

April 6, 1928—HIGH ST. and Main
 line Crossing, Oakland. Southern
 Pacific Co to Hutchinson Co.....
 March 29, 1928
 April 6, 1928—HIGH ST. and Main
 line Crossing, Oakland. Southern
 Pacific Co to Hutchinson Co.....
 March 29, 1928
 April 7, 1928—LOT 311, Oak Knoll
 Unit C, Oakland. Oak Knoll Land
 Corporation to E M Bergsten.....
 April 2, 1928
 April 7, 1928—LOT 222, East Fourteenth
 St. Terrace Tract, Eden Twp. C H
 Graham to C H Graham.....April 7, 1928
 April 7, 1928—COM. AT NE COR LOT
 6 Blk A Map of Foothill Park NE 35
 NW 90.02 SW 35 SE 90.02, Foothill
 Park, Oakland. John Lehman to
 whom it may concern.....April 6, 1928
 April 7, 1928—LOT 184, Terminal Junction
 Tract, Albany. Cora Charles to
 whom it may concern.....April 5, 1928
 April 6, 1928—1141 LONGRIDGE ROAD,
 Oakland. James B. Grubb to whom
 it may concern.....April 6, 1928

April 6, 1928—LOT 10 BLK 2, Hotel
 Claremont Tet Mp No. 2, Berkeley.
 H. P. Hiller to F. W. Thaxter.....
 April 6, 1928—869 RODNEY DRIVE,
 San Leandro. Williams Hughes and
 Paul Boitano.....April 6, 1928
 April 5, 1928—PTN LOTS 24 & 25 BLK
 2 "Martin Kellogg Property", Berke-
 ley. Robert E. Bartlett to M. Hol-
 lestead.....April 3, 1928
 April 5, 1928—LOT 77 Dutton Manor
 Addition, San Leandro. Joseph
 Franklin to whom it may concern.....
 April 5, 1928—LOT 21 BLK 34 "Mp No.
 8 Regents Park", Oakland. Melvin
 Davidson to Melvin Davidson.....
 April 2, 1928
 April 4, 1928—PTN LOT H BLK 1.
 Berkeley. Martin Kellogg Property.
 Lillian Parker Allen. To whom it
 may concern.....April 2, 1928
 April 4, 1928—3104 THOMPSON AVE,
 Alameda. William N Ihrig to W C
 Thorpe.....April 2, 1928
 April 4, 1928—LOT 20 BLK 34, Oak-
 land. V N Depolo to Drew Cami-
 netti.....April 4, 1928
 April 9, 1928—LOT 56 DUTTON MAN-
 OR Addition, San Leandro. L. W.
 Bennett to whom it may concern.....
 April 7, 1928
 April 9, 1928—NE COLLEGE & ALCA-
 TRAZ AVES., Berkeley. J. L. Gold-
 smith to Kenworthy & Ingler.....
 April 9, 1928—LOT 28 BLK 7 Resub. of
 North Cragmont, Berkeley. Mona
 Anderson to J. Harry Smith.....
 April 6, 1928

LIENS FILED Alameda County

April 5, 1928—6066 ESTATES DRIVE,
 Oakland. Gibson Paint Co. vs Robt.
 F. Watson and M. O. Stone.....\$22.50
 April 5, 1928—LOT 244 OAK KNOLL,
 Oakland. Melrose Bldg. Materials
 Co. vs. Glenn M. and Ruby Bright.....
 \$129.00
 April 5, 1928—LOT 251 OAK KNOLL,
 Oakland. Melrose Bldg. Materials Co.
 vs Glenn M. and Ruby Bright.....\$81
 April 5, 1928—6066 ESTATES DRIVE,
 Oakland. Charles H. True vs Robt.
 F. Watson, Helen A. Watson, and A.
 Jerome Raymond.....\$65
 April 5, 1928—S PTN of a certain 0.535
 acre tract of land desc. in Deed Real-
 ty Syndicate Co. to June Lelley Wad-
 ey and Montague W. Wadley, dated
 Nov. 22, 1921, and recorded in Vol.
 138, O. R. page 436, Oakland. Chas.
 Randall vs A. J. Raymond.....\$100
 April 4, 1928—PTS LOTS 2 and 3 BLK
 N Melrose Acres, Oakland. General
 Mill & Lumber vs D. T. La Paugh
 and J. A. La Paugh.....\$238.61
 April 4, 1928—S PTN of a certain .525
 tract deed Realty Syndicate to June
 Lally Wadley and Montague W. Wad-
 ey Nov. 22, 1921, Rec. in Vol. 138 of
 O. R. page 436, Oakland. Standard
 Glass Works vs Helen A. Watson and
 M. O. Stone.....\$12 10
 April 4, 1928—S PTN of certain .535
 acre tract of land deed Realty Syndi-
 cate to June Lally Wadley and Mon-
 cate to June Lally Wadley and Mon-
 tague W. Wadley, Nov. 22, 1921, Rec.
 in Vol. 138 of O. R. page 436, Oak-
 land. M. A. Stone vs Helen A. Wat-
 son and A. Jerome Raymond.....\$495.13
 April 4, 1928—S PARCEL OF A CER-
 tain 0.535 acre tract of land desc in
 deed Realty Syndicate Co to June
 Lally Wadley and husband. Dated
 Nov. 22, 1921 and recorded in Vol 138
 O R, page 436, Oakland. W E Ensor
 vs Helen A Watson.....\$250.89
 April 4, 1928—6066 ESTATE DRIVE,
 Oakland. W. D. Herrick vs Robert
 F. Watson and A. Jerome Raymond.....\$57.40
 April 4, 1928—S PTN of Certain .535
 acre tract of land desc. in deed Real-
 ty Syndicate Co to June Wadley and

husband dated Nov. 22, 1921, Rec.
 in Vol. 138 O. R. Page 436, Oakland,
 Contra Costa Bldg Mts Co vs Helen
 A. Watson and M. O. Stone.....\$163.51
 April 4, 1928—LOT 3, 4 and 27 & PTNS
 of LOTS 1, 2, 5 and 6 BLK D Fair-
 view Heights, Oakland. Robt. Star-
 ratt, \$1082.25; Al Fearey Co. \$769.61
 vs Max Blumenfeld and Lawrence
 H. Goldsmith and W. I. Garren.....
 \$1,082.25
 April 7, 1928—NO. 1355 ADDISON ST.,
 Berkeley. A Hillsten vs Gilbert H
 and Lucile Vicarf & S C Briscoe.....\$146
 April 6, 1928—LOT 26 BLK A Durant
 Manor, Oakland. R. H. Cooper vs
 Margaret and Clarence Shipman.....
 \$50
 April 6, 1928—LOT 1 BLK 1 MONT-
 CLAIR ESTATE, Oakland. Union
 Elec. Co., Inc. vs Helen A. Watson
 and A. J. Raymond and G. M. Mast.....
 \$49
 April 6, 1928—S PTN of certain .535 ac.
 lot of land desc. in deed Realty Syn.
 Co. to June Lally Wadley and Mon-
 tague M. Wadley, husband, dated
 Nov. 22, 1921, in Vol. 138, O. R.
 Page 436, Oakland. S. T. Johnson
 Co. vs Helen A. Watson and A. J.
 Raymond.....\$450
 April 6, 1928—Adjoining SW LINE of
 SAN LEANDRO RANCHO, Eden twp.
 Atlas Mill & Lumber Co. vs. Manuel
 G. Mattoza, L. J. Thompson, Edward
 Rue, Airport Service Station.....\$14 75
 April 6, 1928—PTN LOTS 48 and 49
 BLK 1 "Lakeshore Highlands", Oak-
 land. Arnold F. Kramm vs Walter
 H. Eliassen, Carolyn L. Eliassen and
 Thomas F. L. Furlong.....\$732.25

RELEASE OF LIENS Alameda County

April 2, 1928—LOT 19 BLK 3, "North
 Cragmont", Berkeley. Fee Bros to
 John A. Buchannan.....\$1182.43
 March 31, 1928—LOT 7 BLK 5, High-
 land Manor, Oakland. A H Monez
 to W Bruce Phillip and Payetta H
 Phillip.....\$1410
 April 6, 1928—NE BONAR and ADDI-
 SON STs., Berkeley. Maxwell Hard-
 ware Co. to A. L. Lenderman.....\$96.32
 April 6, 1928—E GROVE ST 40 ft. S of
 59th ST., Oakland. Western Door &
 Sash Co. to L. L. Heiman, N. Factor,
 Rose Factor.....\$133.30
 April 6, 1928—LOT 23 "Alta Heights",
 Piedmont. Cliff Gates to Max W. and
 Grace Amy Oetli and R. W. Stoller.....
 \$57
 April 6, 1928—PTN LOT 43, DOWLING
 Homestead Trct., Oakland. L. L. Par-
 ish, R. H. Parish to F. W. Carstens,
 \$465; Riney Tile Co. to F. W. Carst-
 ens, \$237; Smith Hardware Co. to F.
 W. Carstens, \$71.44.
 April 5, 1928—LOT 7, BLK D Country
 Club Acres, J. V. Short to Pauline
 G. Smith and C. Victor Smith.....\$322.75

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
 PART LOT 5 BLK 3, Woodside Glens.
 All work for residence and septic
 tank.
 Owner—Frav Raluston, Woodside.
 Architect—N. one.
 Contractor—P. D. Jarvis, Woodside.
 Filed March 30, '28. Dated March 29, '28.
TOTAL COST, \$4318
 Bond, none, limit, forfeit, plans and
 specifications, none.
 SWIMMING POOL
 ATHERTON. All work for swimming
 pool for school for boys.
 Owner—The Menlo School for Boys.
 Architect—Birge M. Clark, 310 Univer-
 sity Ave., Palo Alto.
 Contractor—Wells P. Goodenough, 310
 University Ave., Palo Alto.
 Filed April 3, '28. Dated Mar. 31, '28.
 Progressive payments.....75%
 Usual 35 days.....25%
TOTAL COST, \$5713
 Bond \$2900. Surety, Henry Morey Jr.
 and W. P. Gray. Limit, June 1, 1928.
 Forfeit, none. Plans and specifications
 filed.

STORE BLDG.
 NO. 54 AND 56 BROADWAY, Redwood
 City. All work for one-story rein-
 concrete store building.
 Owner—August J. Frank.
 Architect—Birge M. Clark, 310 University
 Ave., Palo Alto.
 Contractor—Doley MBros., Burlingame.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room
 where plans and specifications may be filed by Architects, Engineers and
 Owners for the convenience of bidders in San Francisco and the Bay Coun-
 ties.

Architects, Engineers and Owners are invited to forward plans of
 their projects to BUILDING AND ENGINEERING NEWS. No charge for
 this service. The plans will be returned in good condition when contract
 for work is let.

Filed Mar. 26, 1928. Dated Mar. 24, 1928.
Progressive payments of \$100.
Usual 30 days. TOTAL COST, \$11,750.
Bond, \$600. Sureties, Louis A. Lehmann and Herman Kohnhans. Limit, July 1, 1928. Forfeit, none. Plans and specifications filed.

BUILDING PERMITS

SAN MATEO

RESIDENCE, 1-story, \$8500; lot 12 blk 21 Virginia St., Baywood, San Mateo. Owner—Thos. A. Cavanagh, 603 Dorchester, San Mateo. Contractor—Owner.

BUNGALOW and garage, \$1000; lot 11 blk 5 South G St., East San Mateo. Owner—Wm. Norko.

BUNGALOW and garage, \$4000; lot 2 blk 5 H St., San Mateo. Owner—Antoine Furlan, San Mateo. Contractor—A. Powers, San Mateo.

BUNGALOW and garage, \$3000; lot 1 blk 37 4th and I Sts., Easter Add., San Mateo. Owner—J. Wilson, San Mateo. Contractor—A. Powers, San Mateo.

BUNGALOW and garage, \$8000; lot 11 blk 12 Irving St., Baywood, San Mateo. Owner—J. C. Wells, Beresford. Contractor—Owner.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

March 29, 1928—LOT 12 BLK 11 North Palo Alto. C. S. White et al to whom it may concern. March 27, 1928

March 30, 1928—LOT 10 BLK 1 Burlingame Park No. 4. Wm. Aldrich to H. T. Hulscher. March 26, 1928

March 30, 1928—LOTS 6, 10 and 14 BLK 5 South Boulevard Tract, San Mateo. Wm. H. Williamson et al to whom it may concern. March 28, 1928

March 31, 1928—LOT 50 Hillsborough Park, San Mateo. Gordon C. Hess et al to W. O. Nicholides. March 29, 1928

March 31, 1928—PART LOTS 1 and 2 BLK 10 Milbrae Villa Tract, San Mateo. William R. McKnight et al to whom it may concern. March 29, 1928

April 2, 1928—PART B 4 Tr. of Burlingame. C. T. Thomas to whom it may concern. March 30, 1928

April 2, 1928—HOLY CROSS Cemetery, San Mateo. Roman Catholic Archbishop to Vermont Marble Co. February 10, 1928

April 2, 1928—LOT 47 Hensing Sub. San Mateo, City Homestead. John Bonchom to George E. Fisher. March 31, 1928

April 2, 1928—LOT 45 BLK 27 VISTA GRAND, San Mateo. Chase E. Duern to whom it may concern. March 31, 1928

April 2, 1928—LOT 20 BLK 4 Lejon & Haug. Sub. San Carlos. Fredia M. Vanderkamp to whom it may concern. March 31, 1928

April 3, 1928—LOT 29 Albert A Meyer Sub. BLK 8 Western Add. San Mateo. G. W. Williams Co. to whom it may concern. April 2, 1928

April 3, 1928—PART LOT 121 San Mateo City Homestead. Julius Olson et al to M. Sauer. March 30, 1928

April 1, 1928—LOT 2 BLK 2 Jefferson Acres. C. S. Jean to whom it may concern. April 1, 1928

March 26, 1928—LOTS 5 AND 6 BLK 1 Huntington Park. Thomas H. Dixon to whom it may concern. March 22, 1928

March 26, 1928—LOT 13 BLK 2, Burlingame Elwood Knickerbocker et

al to whom it may concern. March 21, 1928

March 26, 1928—LOTS 16, 17 AND 18 Blk 39, Easton. Presbyterian Church Burlingame to Barrett & Hilp. March 19, 1928

March 27, 1928—LOT 11 BLK 5, Easton Christin H Lass to whom it may concern. March 20, 1928

March 28, 1928—LOTS 12 AND 13 BLK 5, Huntington Park. Joseph O Story to whom it may concern. Mar. 27, 1928

March 28, 1928—LOT 22 BLK 11, Crocker Estate Tract. Joseph Hurst to whom it may concern. March 23, 1928

March 28, 1928—LOT 11 BLK 5, Easton. Christine H Lass to whom it may concern. March 20, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
March 24, 1928—PART LOT 5, Oak Knoll Manor, San Mateo. W S Wet-

March 26, 1928—LOTS 3 AND 4 BLK 10, Seppola Tract, San Mateo. Wm Loom, \$132; Frank Davis, \$50; H J Williams, \$175 vs A J Davis et al. March 26, 1928—PART LOT 5 BLK 9, Oak Knoll Manor, San Mateo. D & S Lumber Co vs Emery E Dwyer. March 26, 1928—LOTS 27, 28, 29 and 30 Blk 32, North Fair Oaks. Sudden Lumber Co vs A Beckman et al. \$355.53

March 28, 1928—LOT 25 AND 26 BLK D, Mission Street Tract, San Mateo. Malott & Peterson vs Julia M Apostole. \$105

March 28, 1928—LOTS 7 AND 8 BLK 2, Woodside Highlands. Gray Thorning Lumber Co vs Marie Coombs et al. \$200.80

March 30, 1928—COOLEY AVE. Ravenswood. L H Brown, \$127.23; C H Monterey, \$240 vs E Thorason et al. March 30, 1928—LOT 9 BLK 55, Easton. Phoenix Simpton Co vs Edward T. Cole. \$450

March 31, 1928—LOT 1 BLK 3, Burlingame Hills No. 2. L U Nelson et al. \$1474.70; Chas F Mausser, \$423.42 vs Frederick H Lawton et al. March 31, 1928—LOT 4 BLK 13; Lot 38 Blk 12; Lot 34 Blk 13; Lot 37 Blk 12; Lot 36 Blk 12; Lot 35 Blk 12, Vista Grande. Frank H Blessing alias et al vs Burt Youngs (6 liens) \$48; \$48; \$48; \$30.50; \$49; \$48 respectively

April 3, 1928—PART FABER SUB., San Newman et al. \$54.60

April 3, 1928—LOT 5 BLK 13, Vista Grand. Frank M Blessing et al vs Burt Youngs. \$48

April 4, 1928—LOTS 21, 22, 23, 26, 27 and part Lot 28 Blk 19, San Bruno Park. San Mateo Feed & Fuel Co vs Grace W Mabrey et al. \$4125.96

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

April 3, 1928—LOT 19 BLK 19, Crocker Estate Tract, San Mateo. R Vance Pearson to Foster Merrill et al. \$699.01

April 3, 1928—PART LOT 150, San Mateo City Homestead. Milton Finlof to Carl Miller. \$1115

BUILDING PERMITS

SAN JOSE

RESIDENCE, 7-room, \$4500; Fifth and Empire Sts., San Jose; owner, J. B. Peckham, Auzerals Bldg., San Jose; contractor, Geo. Veteran, Rt. 9, Box 706, San Jose.

RESIDENCE, 4-room, \$2400; Prevost near Grant, San Jose; owner, G. Neidermaier, 344 Almaden St., San Jose.

RESIDENCE, 6-room, \$5990; 14th near Reed, San Jose; owner, Robert B. Gray, 715 S-Fifth St., San Jose.

ALTER residence into two-family residence, \$1000; No. 672 N-First St. San Jose; owner, M. B. Bell, Prench contractor, Frank G. Rose, 14 Shortridge St., San Jose.

ADDITION to shop, \$2175; Stockton near The Alameda, San Jose; owner, Swan Erickson, 35 Stockton Ave. San Jose; contractor, John D. Carson, 235 Sierra St., San Jose.

ALTER single building, \$3000; No. S-First St., San Jose; owner, Pet Arnst; contractor, Home Mfg. Co. Inc., San Francisco.

APARTMENT building, 2-story (4 apts) \$10,000; Second and Taylor Sts., San Jose; owner, Sophia Hackman, Phil and Ellen Sts., San Jose; contractor, Jos. Hansen, 122 Martin St., San Jose.

INDUSTRIAL building, 2-story, \$35,000; Ninth and Taylor Sts., San Jose; owner, Continental Can Co., Elgin and Taylor Sts., San Jose; contractor, The Austin Co., 244 Kearny St. San Francisco.

BUILDING PERMITS

REDWOOD CITY

ALTERATIONS to hall and store building, \$15000; 239 Main St., Redwood City.

Owner—Odd Fellows Ass'n, premises. Contractor—Russell & Duncan, 113 Somerset Ave., Redwood City.

BUILDING PERMITS

PALO ALTO

RESIDENCE, \$7400; frame stucco; 237 Waverly St., Palo Alto.

Owner—Aro & Okerman. Contractor—Aro & Okerman.

ALTERATION, residence, \$2000; 145 University Ave., Palo Alto.

Owner—A. Towler. Contractor—H. Dabinett.

ALTERATION, front of store, \$1500; 379 381 University Ave., Palo Alto.

Owner—L. H. Brown. Architect—L. H. Brown. Contractor—L. A. Bachelor.

RESIDENCE, frame-rustic, \$3000; 605 Oregon Ave., Palo Alto.

Owner—Wm. E. Stromquist. Architect—Wm. E. Stromquist. Contractor—Philip Darr.

RESIDENCE, frame-stucco, \$3500; 116 Santa Rita Ave., Palo Alto.

Owner—Grace G. Gibson. Architect—Grace G. Gibson. Contractor—E. H. Gibson.

RESIDENCE, frame and stucco, \$15,500; No. 548 E-Crescent Drive, Palo Alto.

owner, Cora S. Jones; architect, C. K. Summer; contractor, Henry B. Post.

COTTAGES (2) frame and shingle, \$1600 each; No. 533 and 527 Cornell St., Palo Alto; owner, H. van Polen.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

March 27, 1928—LOTS 38 AND 39 BLK 6, Vendome Park No. 2, San Jose. Salvatore Celia et al to whom it may concern. March 30, 1928

Mar. 27, 1928—NO. 1452 SHORTBRIDGE Ave., San Jose. Arthur L Crosby et al to whom it may concern. Mar. 26, 1928

March 28, 1928—SE CALDERON AV 89 694 NE Center St., Mt. View. Robert B Bowers to whom it may concern. March 27, 1928

March 28, 1928—SE 45 LOT 1 BLK 4. S R 2 E Castro Subd, Mt. View. J Howard Thomas to whom it may concern. March 27, 1928

March 29, 1928—LOT 5, San Juan Subd No. 2, Stanford University. W E Hotchkiss to whom it may concern. March 26, 1928

March 29, 1928—LOT 30 BLK 3, Lincoln Gates, San Jose. M L Doane to whom it may concern. March 28, 1928

March 30, 1928—LOT 62, Studio Heights, San Jose. J A Wagner to whom it may concern. March 30, 1928

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

Los Angeles, Calif.

816 W. 5th Street

March 31, 1928—W ATLAS AVE 609 S The Alameda, San Jose. Clyde Alexander to whom it may concern..... March 30, 1928
 April 2, 1928—LOT 21, Willow Home Tract, San Jose. W F Dixon to whom it may concern..... April 2, 1928
 April 2, 1928—SW BYRON ST. 50 NW Kellogg Ave NW 50xSW 112.50 Ptn Lot 2 Blk 98, Palo Alto. Harry Lee et al to whom it may concern..... April 2, 1928
 April 2, 1928—N 1/2 LOT 3 BLK 1 NR 4 W. Gilroy. Nellie T Rose to whom it may concern..... April 2, 1928

BUILDING PERMITS

BURLINGAME

BUNGALOW and garage, \$4000; lot 8 blk 12 Crossway, Burlingame. Owner—F. H. Bale, 1423 Bellevue, Burlingame.
 Contractor—J. E. Bale, 199 State St., San Mateo.

BUNGALOW and garage, \$6000; lot 61 blk 6 Benito Ave., Burlingame. Owner—G. W. Williams, Broadway, Burlingame.
 Contractor—Owner.

BUNGALOW and garage, \$2000; lot 16 blk 37 Peninsular, Burlingame. Owner—A. C. Leverence, Burlingame.

BUNGALOW and garage, \$4000; lot 11 blk 3 Laguna, Burlingame. Owner—F. W. Patterson, Burlingame.

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
March 27, 1928—N WILLOW ST. and W line 1.85 acre tract of Standard Realty & Development Co. Valley Hardware Co vs Acie Wilson et al.....	\$78.98
March 27, 1928—N WILSON ST. and W line 1.85 acre tract of Standard Realty & Development Co., San Jose Charles Buettner, \$21; W F Parr, \$30; Le Roy Samuelson, \$70; A B Paint Co, \$97.32; William & Russo, \$130.35 vs Acie Wilson et al.....	\$1091.47
March 28, 1928—NE ELM ST. 100 NW Hedding St., San Jose. George M Cahill vs Corine M Redo et al.....	\$206.25
March 31, 1928—LOT 41, Palm Tract, San Jose. Southern Lumber Co vs Casparo Bono et al.....	\$218
April 2, 1928—PTN LOT 5, Parr Partition, Los Gatos Rancho. Sterling Lumber Co vs Aage Thomson et al.....	\$44.30
March 22, 1928—LOT 41 Palm Tract, San Jose. C L Snyder & Co vs Jasper Bona.....	
March 23, 1928—LOT 6 BLK 1, Seale Tract No. 7, Palo Alto. Inlaid Floor Co vs Ethel Clarkson.....	
March 23, 1928—NE ELM ST. 100 NW Hedding St., San Jose. Joseph Magers vs C M Redo et al.....	
March 24, 1928—N WILLOW ST. and W line 1.85 ac tr of Standard Realty & Development Co, Willow Glen. Central Supply Co vs Acie Wilson et al.....	

BUILDING PERMITS

(San Anselmo, Marin County, Month of March, 1928.)

T. J. Reese; dwelling. Lot 47 Lincoln Park. Est. cost \$5,000.
 W. B. Larkin; add porch. Lot 23, Linda Vista tract. Est. cost \$200.
 J. F. McPherson, lot C Elm Court, Scenic Ave. Est. cost \$4,000. Dwelling.
 F. Dunne, repairs. N 1/2 Lot 5 Rosenthal Tract. Est. cost \$300.
 E. Laxton, dwelling. W 35 ft. Lot D, Bunker Hill Tract. Est. cost \$5,000.
 A. C. Nicolaisen, dwelling. Lot 12, Block 6, Morningside Court. Est. cost \$4,000.
 A. C. Nicolaisen, dwelling. Lot 4, Block 4, Morningside Court. Est. cost \$5,000.
 A. C. Nicolaisen, dwelling. Lot 20, Block 3, Morningside Court. Est. cost \$4,000.
 A. C. Nicolaisen, dwelling. Lot 18, Block 3, Morningside Court. Est. cost \$4,000.

\$4,000.
 A. C. Nicolaisen, dwelling. Lot 17, Block 1, Morningside Court. Est. cost \$4,000.
 A. Macchia, garage. Lot 144 Ross Valley Park, on Sycamore Ave. Est. cost \$300.
 L. Legnitto, dwelling. Lot 10, Block 4, Sunnyside Tract, Bolinas Ave. Est. cost \$4,000.
 R. A. Wheeler, alterations and repairs. Lot 123 Ross Valley Park, Madrone Ave. Est. cost \$1,000.
 H. Nelson Furniture Co., erect outside display room. Lot 80 San Rafael Heights Sub. 1, Greenfield Ave. Est. cost \$1,000.
 G. Bellotti, repairs. Portion Lot 8, Blk 13, Sunnyside Tract, Melville Ave. Est. cost \$200.
 J. Arata, addition to store. (Change caused by fire). Portion Lot 18 Linda Vista Tract, San Anselmo Ave. Est. cost \$1,000.

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

DWELLING
 SAN ANSELMO; foundation carpenter, plumbing, etc. on frame dwelling.
 Owner—Mr. and Mrs. L. Legnits, San Anselmo.
 Architect—None.
 Contractor—Domenic Ferrero.
 Filed March 28, 1928; dated Mar. 20, 1928.
 Frame up.....\$1446
 When plastered.....1466
 When completed.....1466
 Usual 35 days.....1000
 TOTAL COST.....\$5398
 Bond, forfeit, none; limit, 90 days; plans and spec. filed.

THEATRE and STORE BLDG.
 SAN RAFAEL; electric wiring fixtures, interior decorating, etc., for theatre and store bldg.
 Owner—Alberts, Inc., San Rafael.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Contractor—Gagnon Bros., San Rafael.
 Filed March 28, 1928. Dated Mar. 23, 1928.
 25% of whole contract after 35 days when completed, etc.

TOTAL COST, \$62,455.35
 Bond, \$31,728; sureties, Indemnity Ins. Co.; limit, Oct. 1, 1928; forfeit, none; plans and spec. filed.

MAUSOLEUM
 SAN RAFAEL. Concrete work for one-story concrete mausoleum and Columbarium.
 Owner—Mt. Tamalpais Cemetery, San Rafael.
 Architect—Wallace H. Hubbert, 110 Sutter St., San Francisco.
 Contractor—A. Christensen.
 Filed March 31, '28. Dated March 30, '28.
 Payments to be made at Bank of San Rafael out of fund consisting of.....\$10,000
 TOTAL COST, \$32,886
 Bond, \$33,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 180 days. Forfeit, none. Plans and specifications filed.

THEATRE
 FOURTH ST., San Rafael. Electrical work for theatre and store building.
 Owner—Albert, Inc., San Rafael.
 Architect—None.
 Contractor—H. R. Eklund Elec. Works. San Rafael.
 Filed April 4, '28. Dated April 4, '28.
 On 10th of each month.....\$3531
 TOTAL COST, \$3531
 Bond, limit, forfeit, none. Plans and specifications filed.

LAUNDRY BLDG.
 C ST., San Rafael. All work for reinforced concrete laundry building.
 Owner—Charles H. DuBois and Luella Dudley, San Rafael.
 Architect—None.
 Contractor—E. W. Ruhl, Corte Madera.
 Filed April 4, '28. Dated April 4, '28.
 Steel roof erected.....25%
 Composition roof completed.....25%
 When completed.....25%
 Usual 35 days.....25%
 TOTAL COST, \$5954
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
 March 27, 1928—FAIRFAX. Ralph C. Carr and Builder to whom it may concern.....March 21, 1928

BUILDING PERMITS

STOCKTON

SHED, \$1000; No. 1001 E-Channel St., Stockton; owner, J. N. Furry, Prem.
 CABINS, (10) auto, \$3000; No. 1305 S. Wilson Way, Stockton; owner, S. Gardella, 1401 E-Charter Way, Stockton.
 SCHOOL building and cafeteria, \$40,500, No. 348 E-Vine St., Stockton; owner, Board of Education, Stockton; contractor, Crowe & McPhee, Stockton.
 RESIDENCES and garages, \$3600 each; No. 328-332 E-Monterey St., Stockton; owner, T. E. Williamson, 1859 W-Park Ave., Stockton.
 RESIDENCE and garage, \$4000; No. 727 N-Stockton; owner, W. T. McCarty, 529 E-Clay St., Stockton.

BUILDING PERMITS

RICHMOND

ADDITION, 1 1/2-story 4-rm., \$2400; 600 Penn Ave., Richmond.
 Owner—Mrs. E. F. Redmond, 600 Penn., Richmond.
 Contractor—Fred C. Hosking, 934 Penn., Richmond.
 COTTAGE and garage, frame and plaster, \$4000; E S 32nd bet. Garvin and Clinton.
 Owner—C. M. Hinds, 2912 Monticello Ave. Berkeley.
 RESIDENCE, frame and plaster, \$3000; S S Silva bet. Mount and Carlston.
 Owner—Ira R. Vaughn, 331 10th St., Richmond.
 Contractor—Carl Overaa, 2101 Roosevelt Ave., Richmond.
 ADDITION, 2-room addition and raise house, \$1000; S S Chansloe bet. 18th and 19th, Richmond.
 Owner—Mrs. J. Lowley, Orland, Calif.
 Contractor—J. A. Fagerstrom, 1135 Chansloe, Richmond.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

COTTAGE, ETC.
 CITY OF SOLEDAD. All work for cottage and garage at company's Soledad substation.
 Owner—Coast Valley Gas & Electric Co., Salinas.
 Architect—None.
 Contractor—J. A. Olson.
 Filed March 29, '28. Dated March 15, '28.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$4543.70
 Bond, \$——. Surety, ———. Limit, forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

CHURCH
 NW FLORA AND CENTER STS., Stockton. All work for church building.
 Owner—First Church of Christ Scientist, Sutter and Lindsay Sts., Stockton.
 Architect—None.
 Contractor—Union Planing Mill, Taylor and Sutter Sts., Stockton.
 Filed April 3, '28. Dated April 4, '28.
 TOTAL COST, \$6150
 Bond, none. Limit, on or before Nov. 15, 1928. Forfeit, plans and specifications, none.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 April 2, 1928—LOT 1 BLK 131, Map Peter's Gate, being resubdivision of portion of Dowd Tract and adjoining land, Monterey. A Nastovic to whom it may concern.....March 31, 1928

APRIL 2, 1928—LOT 4 BLK 131, Map
11, City of Tracy, Cal. to whom it may concern.
March 31, 1928
APRIL 2, 1928—LOT 1, BLK 2, Map
11, City of Tracy, Cal. to whom it may concern.
March 31, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded Amount
April 2, 1928—PAINT LOTS 1 AND 2
BLK 1, City of Santa Rosa, Cal. to whom it may concern.
April 2, 1928
APRIL 2, 1928—SW 1/4 SEC 21 T 2 N
Range 9 W M 10, 200 Acres, near City of Healdsburg, George F. Day to whom it may concern.
April 2, 1928

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
March 28, 1928—LOT 3 BLK 151, Map
Fourth Addition to Pacific Grove, George D. and Victor Patrick to Geo. C. and Christine Weight.
\$282.75

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
March 30, 1928—LOT 8 West 1/2 Lot 9
BLK 11, City of Tracy, Joseph Brown to Ray Powers.
March 19, 1928
APRIL 3, 1928—S 1/2 OF NW 1/4 Section 8, Stockton, George Finkbohner to M. A. Orcutt.
Dec. 20, 1927
APRIL 5, 1928—NO. 1821 WEST PARK
Ave., Stockton, Felix Sarrasin to whom it may concern.
March 31, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
March 27, 1928—PTN LOTS 83 AND 84
BLK 3, J. Wheelers Addn to Santa Rosa, John Zuhr to whom it may concern.
March 27, 1928

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
March 29, 1928—SUNSHINE, Peter F. Fund to Gus Steffen.
March 29, 1928
APRIL 2, 1928—FAIRFAX, Alfred Becker to whom it may concern.
March 27, '28

BUILDING PERMITS

SACRAMENTO

RESIDENCE, 6-room and garage, \$5000; No. 2787 11th St., Sacramento; owner, Leo L. Legler, 697 J St., Sacramento; contractor, J. E. Burnett.
RESIDENCE, 6-room and garage, \$3000; No. 1515 42nd St., Sacramento; owner, S. R. Rogers, 2637 19th St., Sacramento.
RESIDENCE, 5-room and garage, \$1600; No. 611 16th St., Sacramento; owner, Merrell Levy, 815 26th St., Sacramento; contractor, O. Griffith, 4217 12th Ave., Sacramento.
RESIDENCES (2) 1 1/2-room and 1 6-room and garages, \$1250 each; No. 1610-1611 Berkeley Way, Sacramento; owner, E. V. Gilley, 700 46th St., Sacramento.
RESIDENCE, 6-room and garage, \$1811; No. 2730 3rd Ave., Sacramento; owner, Robert H. Olsen, 2718 Portola Way, Sacramento; contractor, A. E. Thacker, 1921 El Monte St., Sacramento.
RESIDENCE, 7-room and garage, \$7750; No. 2632 9th Ave., Sacramento; owner, Watson & Bennie, 2719 5th Ave., Sacramento.
RESIDENCE, 5-room and garage, \$2000; No. 1432 12nd St., Sacramento; owner, S. R. Rogers, 2637 19th St., Sacramento.
RESIDENCE, 4-room and garage, \$2700; No. 1432 12nd St., Sacramento; owner, W. H. Bond, North Sacramento; contractor, W. W. Raymond.

RESIDENCE, 4-room and store, \$4700; No. 1412 Larkin Way, Sacramento; owner, M. Pacheco, 2926 18th St., Sacramento; contractor, C. H. Darling, 1812 Beverly St., Sacramento.
RESIDENCE, 4-room and garage, \$2800; No. 2331 D St., Sacramento; owner, C. J. Thompson, 1810 28th St., Sacramento.

RESIDENCE, 7-room and garage, \$8745; No. 2209 Markham Way, Sacramento; owner, Clinton Harber, Peoples Bk. Bldg., Sacramento; contractor, Fred Engberg, H St. Road, Sacramento.

RESIDENCES (2) 5-room and garages, \$1600 each; No. 2524-2525-2532 Tenth Ave., Sacramento; owner, M. Furlado, 2670 21th St., Sacramento.

GARAGE, private, \$1500; No. 1801 H St., Sacramento; owner, Lockhart Spencer, Promises; contractor, C. Vanina, 2322 M St., Sacramento.

RESIDENCE, 6-room and garage, \$6535; No. 329 Sonoma Way, Sacramento; owner, A. L. Johnson, 2700 Marshall Way, Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1810 Folsom Blvd., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.

RESIDENCE, 6-room and garage, \$4200; No. 1610 12nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.

RESIDENCE, 6-room and garage, \$3800; No. 1708 12nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.

RESIDENCE, 5-room and garage, \$2500; No. 1211 U St., Sacramento; owner, Ed. Worthington, 1009 8th St., Sacramento; contractor, Klein Realty Co., 1009 8th St., Sacramento.

RESIDENCE, 7-room and garage, \$6950; No. 2681 Tenth Ave., Sacramento; owner, L. J. Miller, 937 41st St., Sacramento.

RESIDENCE, 4-room and garage, \$2500; No. 1511 9th St., Sacramento; owner, Thomas B. Hunt, 1510 30th St., Sacramento.

RESIDENCE, 5-room and garage, \$5000; No. 1732 42nd St., Sacramento; owner, C. R. Stinnett, 1053 35th St., Sacramento; contractor, Geo. E. Miller.

RESIDENCE, 6-room and garage, \$6000; No. 1439 43rd St., Sacramento; owner, Klein Realty Co., 1009 8th St., Sacramento.

RESIDENCES (2) 6-room and garages, \$6000 each; No. 2729 14th St. and 1352 3rd Ave., Sacramento; owner, Leo L. Tigler, 607 J St., Sacramento.

RESIDENCE, 7-room and garage, \$8000; No. 2748 13th St., Sacramento; owner, Leo L. Tigler, 607 J St., Sacramento.

RESIDENCE, 4-room and garage, \$1500; No. 3332 35th St., Sacramento; owner, O. K. Myers, 3772 X St., Sacramento.

RESIDENCE, 6-room and garage, \$4000; No. 1728 Berkeley Way, Sacramento; owner, G. H. Nelson, 1600 N St., Sacramento; contractor, Wm. T. Martin, 3717 Pacific Ave., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1736 12nd St., Sacramento; owner, Harold Mygard, 2018 L St., Sacramento; contractor, Wm. L. Martin, 3717 Pacific Ave., Sacramento.

SIX-ROOM Residence and garage, \$3700; 2119 5th Ave., Sacramento; owner A. Bigioni, 2218 1/2 P St., Sacramento.

SIX-ROOM residence and garage, \$4620; 1901 Berkeley Way, Sacramento; owner, Harvey Williams, 4909 12th Ave., Sacramento; contractor, R. L. Hathaway, 720 Redwood Ave., Sacramento.

SIX-ROOM residence and garage, \$3600; 1711 Berkeley Way, Sacramento; owner E. P. Sommer, 1432 52nd St., Sacramento.

FIVE-ROOM residence and garage, \$5600; 1737 Berkeley Way, Sacramento; owner, Fred W. Byrne, 1741 Burn Way, Sacramento; contractor, Geo. E. Miller, 3418 R St., Sacramento.

FIVE-ROOM residence and garage, \$3200; 3725 Pacific Ave., Sacramento; owner V. E. Chargin, 1221 R St., Sacramento.

ADDITION, \$11,610; 216 31st St., Sacramento; owner, Pireta Sausage Co., 21st St. Sacramento; contractor, Fred Bond, 2608 R St., Sacramento.

FIVE-ROOM residence and garage, \$1700; 1622 27th St., Sacramento; owner, C. C. Doby, 4616 E St., Sacramento.

TWO 6-room residences and garages, \$1670 each; 1609 1617 Berkeley Way, Sacramento; owner, J. D. Haworth, 1528 W St., Sacramento.

CENTRAL REPAIRS, \$5000; 400 R St., Sacramento; owner, Lakoo Neshemish, 200 M St., Sacramento.

REPAIR garage, \$3050; No. 205 O St., Sacramento; owner, L. Punsco, 215 St., Sacramento; contractor, F. Ba ducci, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
March 28, 1928—LOT 5 Wm. Pac. Addn. Sacramento, A. S. and Mabel E. Dingle to whom it may concern.
March 28, 1928
March 29, 1928—LOT 93 CITY FARMS, Harry Simpson to whom it may concern.
March 28, 1928
March 30, 1928—LOT 6 BLK 24, N. Sacramento Sub 8 — N 150 ft., Sacramento. M E and Marie Fraley to whom it may concern.
March 30, 1928
March 30, 1928—W 1/2 OF N 1/2 OF Lot 1, T, V, 27th and 28th Sts., Sacramento. Irene Lopez to whom it may concern.
March 30, 1928
March 30, 1928—N 1/2 OF S 1/2 LOT 5, V, W, 27th and 28th Sts., Sacramento. Laura Crozier to whom it may concern.
March 28, 1928
March 30, 1928—LOT 2021, W & K. Tract No. 24, Sacramento. S W Ottinger to whom it may concern.
March 29, 1928
April 3, 1928—E 60 LOT 20, Shewler Terrace, Sacramento. G W Bowen to whom it may concern.
April 2, 1928
April 5, 1928—LOT 128 Boulevard Terrace, Sacramento. Arthur J. Ozias to whom it may concern.
April 5, 1928
April 5, 1928—LOT 13, Western Pacific Addition, Sacramento. Raymond Albert and Lela Ann Silney to whom it may concern.
April 4, 1928
April 5, 1928—LOT 26, Hill Park, Sacramento. F C and Lena M Hill to whom it may concern.
April 4, 1928
April 5, 1928—LOT 8 BLK 6 Sub. 3, North Sacramento. Betty V Ashley to whom it may concern.
April 4, 1928
April 5, 1928—STATE HIGHWAY Det. Sylvan School and Roseville. Dept of Public Works, Division of Highways to whom it may concern.
April 2, 1928
April 6, 1928—W 1/4 OF E 1/4 LOT 3, J, K, 5th and 6th Sts., Sacramento. Mendel and Etta Greenberg to whom it may concern.
April 5, 1928
April 6, 1928—LOT 8 Kloos and Ward Tract, Sacramento. A D Witherell to whom it may concern.
April 5, 1928
April 6, 1928—N 150 LOT 6 BLK 24, N-Sacramento Sub. 8, Sacramento. M E and Marie Fraley to whom it may concern.
April 6, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
March 28, 1928—LOT 40 HARDING PL., Sacramento. J. P. Moore and E. A. Garlick co-parts. doing bus. under name of Moore & Garlick vs Harry and Helen Smith.
\$440.62
March 28, 1928—S 1/4 of N 1/2 LOT V and W 3rd and 4th, Sacramento. Bert L. Foerschler vs Mr. and Mrs. Henry Cabral.
\$62.60
March 28, 1928—S 1/4 of N 1/2 LOT V and W 3rd and 4th, Sacramento. Herman Gross vs Mr. and Mrs. Henry Cabral.
\$71.54
April 6, 1928—LOT 56, Wm Dreher Tract, Sacramento. Capital Lumber Co vs J G and Alice B Taylor.
\$900.11

LIENS FILED

FRESNO COUNTY

Recorded Amount
March 30, 1928—N 3/4 OF E 1/4 OF NW 1/4 Sec 13, 14-18, Fresno. T A Pettus vs F Gandola.
\$29.85
April 3, 1928—LOTS 7 AND 8 BLK 5 Van Ness Heights, Fresno. Swastika Lumber Co vs C. L. Saylor.
\$879
April 7, 1928—LOTS 21 AND 22 BLK 3, New High School Addition, Fresno. Edward J Robillard to whom it may concern.
April 5, 1928
April 7, 1928—LOTS 43 AND 44 BLK 5, Roeding Heights, Fresno. Philip Curatola to whom it may concern.
April 6, 1928
April 7, 1928—LOTS 3 AND 4, Crowford Park, Fresno. Georgia King to John R Murphy.
March 31, 1928
April 7, 1928—LOTS 10 AND 11 BLK 16, College Park, Fresno. E E Lewis to whom it may concern.
April 4, 1928
(See Fresno Permits on Page 21.)



BUILDING *and* ENGINEERING NEWS

Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., APRIL 21, 1928

Twenty-eighth Year, No. 16
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

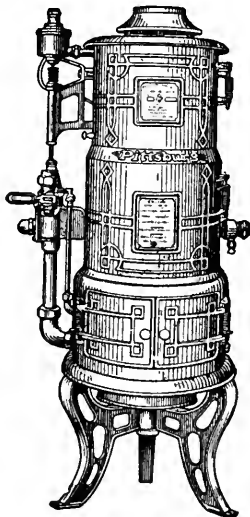
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., APRIL 21, 1928

Twenty-eighth Year, No. 16



547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

FRESNO CITY COUNCIL ADOPTS UNIFORM BUILDING CODE

Repealing eighteen individual ordinances, passed by governing bodies of the city in the past, the new uniform building code ordinance, prepared by Commissioner of Public Works Andrew M. Jensen, was passed by the Fresno city commission April 12. The new ordinance is based on the uniform building code, the work of the Pacific Coast Building Officials' Conference.

"Builders have been urging the passage of the code," Jensen said. "They desire it because it gives them something definite, although simple, upon which to base their operations. The Fresno Building Exchange committee and the industrial committee of the chamber of commerce investigated the building code and favored it."

Probably the greatest change provided in the new code is the occupancy clause. Hereafter, all buildings will be constructed for occupancy, rather than being constructed to meet the most hazardous occupancy possible. For structures which are small house businesses with which there is little hazard connected the code provides lighter construction. However, the occupancy must remain in the same class for the life of the structure, and the occupancy may not be changed except with a permit from the department of public works.

The new measure calls for somewhat lighter construction on all types of buildings. Tests conducted by the association building officials have proved the light type of building to be adequate.

Along with the uniform building code the commission passed the new fire zoning measure, rearranging the three present zones and the adoption of a new zone to be known as the industrial zone. The change is minor, Jensen pointed out, being made to conform with the building code.

Both measures will be effective at the end of thirty days.

SAN JOAQUIN MATERIALS TAKES OVER S. P. BRICK & TILE PLANT

Lease of the S. P. Brick and Tile Company plant at Exeter, Tulare County, to the San Joaquin Materials company, jobbers and distributors of building materials and a subsidiary of Gladding, McBean & Co., largest clay products manufacturers west of the Mississippi river, is announced by P. L. Lingren, vice president and manager of the materials company. At the same time Lingren announced his appointment as manager for Gladding, McBean & Co. at Portland, Oregon.

The S. P. Brick and Tile Company, which is controlled by Harry Shields of Fisher, Lake & Shields, Fresno architects and engineers, has been in operation at Exeter for the past 20 years.

The lease is for a period of years not stated, nor is the amount involved announced. The plant is expected to produce between 6,000,000 and 10,000,000 brick during this year and employs approximately 35 men, with an annual payroll of approximately \$50,000.

In making the announcement Lingren stated that Gladding, McBean & Co. feel that within the next few years there will be an expansion in building construction in the San Joaquin valley and so are entering the field, not only as jobbers and distributors, but as manufacturers. The company has manufacturing plants and sales offices up and down the Pacific coast.

"The company has implicit faith in the future prosperity of the San Joaquin valley," he said, "and has laid definite plans for expansion of operations in the valley."

The plant will manufacture common brick, hollow tile and face brick.

Lingren, who has been in Fresno since the organization of the materials company two years ago, will leave shortly for Portland to undertake his new duties. He went to Fresno from Merced, having been in charge of the clay plant there for two years. In Portland he will have charge of large clay manufacturing plant in Portland, and the distribution yards throughout the state of Oregon.

Lingren will be succeeded in Fresno by H. A. Rothgarn, for the past six years actively connected with the building materials business at Fresno. The San Joaquin Materials Company will distribute the products of the S. P. Brick and Tile Company in addition to operating its plant, it was stated.

MASON CONTRACTORS ORGANIZE AT PORTLAND, OREGON

The eliminate cut-throat competition, shoddy construction and to stabilize costs the Mason Contractors association of Portland has been formed, according to F. C. Hofacker, who was elected to the office of secretary. The other officers include Harry Heurer, president; J. Wempe vice president, and Jack Seed, treasurer. Said Mr. Hofacker: "Our purpose in organizing is to promote our business, which is the erection of brick, stone, tile, terra cotta and fire proofing, and to treat with our employes, employers, architects, engineers and the general building public, who may be interested in the above types of construction."

CONTRACTORS OF PORTLAND, ORE., UNDER NEW LICENSE LAW

A Contractor's License Law has been adopted by the City of Portland, Ore., to become effective April 13, according to H. E. Plummer, Portland Inspector of Buildings. The law provides for the licensing and bonding of persons erecting, constructing or repairing buildings in the city of Portland, and makes it unlawful for anyone to engage in business as a building contractor without a license, except the owner or anyone who is subcontracting under a licensed contractor.

A permit will be issued by the Bureau of Buildings only to an owner or a licensed contractor in good standing whose license includes the class of work for which the permit is applied.

A "Board of Examiners for Building Contractors," composed of a registered architect, a registered structural engineer, a building contractor and a realtor, each with five years' experience in his work in Portland, and a building owner who has lived for five years in that city, will be appointed by the mayor. The duties of the board will be to examine into the qualifications and fitness of applicants for contractors' licenses. A fee of \$10 will be paid by each person taking an examination. Licenses will fall into three classes, according to the class of work to be performed by the contractor. Applicants will file surety bond for \$2500 before the issuance of a license as a guaranty that the contractor will perform his work in accordance with city laws and ordinances.

The Inspector of Buildings will have power to suspend any license issued under the provisions of the ordinance for willful violation of any building law or ordinance or for gross incompetency. A report of the suspension will be made by the Inspector of Buildings to the city council stating the reasons for his action, and at the same time make application for revocation of the contractor's license. At a hearing of the licensee, the council may revoke his license or it may refer to the Board of Examiners for Building Contractors for recommendations.

Violators of this ordinance will be punished by a fine not exceeding \$500 or by six months' imprisonment in the city jail, or by both fine and imprisonment.

AMENDMENTS TO LOS ANGELES BUILDING CODE

An ordinance requiring the filing of an application and bond and the payment of a registration fee of \$60, before a "Certificate of Registration as Gas Fitter" is issued, is contained in an amended section of the Los Angeles Building Ordinance.

The certificate entitles the holder to install, remove or repair gas-fired water heaters, gas-burning appliances, gas pipes and piping and vents for gas appliances. The Board of Building Safety Commissioners will examine all applicants for this certificate. The examination fee will be \$2.50, and the renewal fee, \$1.25.

Height of hotels and apartments in the City of Los Angeles is regulated by an amendment to Section 55 of the building ordinances. According to the amendment, a Class "A" building can be 12 stories in height; Class "B", 5 stories; Class "C", 4 stories, and Class "D", 3 stories.

WEYERHAEUSER AFFILIATED MILLS PLANS TO MARKET PACKAGE LUMBER

The accompanying article contains an announcement now being made nationally of an important innovation in the manufacture and merchandising of lumber which the Weyerhaeuser Forest Products interests is inaugurating. The plan described is certain, as we believe our readers will recognize, to have a vital effect upon everyone in the country who has any part in the handling of lumber—the manufacturer, the wholesaler and retailer, the architect, the contractor, the building mechanic and the building owner, as well as the manufacturers and handlers of competitive materials.

EDITOR

In the belief that it will protect the contractor who bids and builds on a quality basis from cut-throat competition, that it reduce the time and improve the efficiency of handling lumber on the job, that it will encourage a high standard of craftsmanship in the building trades, and help the lumber dealer meet the competition of other materials, the Weyerhaeuser sawmill operating companies have begun to ship packaged lumber from their several mills in Minnesota, Idaho and the Pacific Northwest.

Newly invented machinery, which re-buts every board before it is packaged, making each end four-square and absolutely smooth, is in operation. The re-butting is a separate operation, lumber being brought from sheds or planing mills to be put through the pneumatic-controlled re-butter and then packaged.

Lumber by the Parcel

The package itself consists of a pair of caps made of heavy sulphate wood fibre, which fit over each end of the bundle. The caps operate on a combination of the sleeve and hinge principles, to allow for the shifting of the pieces as the package is swung over a loading jack or goes through the other movements of shipment and handling. From three to twelve pieces, according to the kind and size of lumber it is, are included in each parcel. These are brought together in such a way that the faces are entirely protected after which the caps are slipped on and the proper identifying label applied.

Many other types of packages, including spot-welded metal bands, were tried during the 18 months of experimental work that preceded the adoption of this method. Trial shipments have gone across the continent, and have been trucked and dumped from trucks, with the packages remaining unbroken. A quick jerk releases the caps and the lumber is then ready for use.

At present the items being shipped in this manner are square edge finishing grades, bevel and Colonial siding, drop siding, softwood floorings, ceilings, stepping and a wide variety of mouldings. They are brought together in their customary lengths and, where the length requires it, a proportion of shorts is included, as in siding, each one is four-square and of the highest quality. All items that the lumber dealer might sell in broken packages are labeled individually.

Guaranteed Clear Through

This is the first time in the history of the lumber industry that the species and grade of lumber has been guaranteed clear through to the consumer in this manner. Each of the fibre caps bears a bright red and yellow label on its end, which states the kind, species and grade of lumber and the mill that produced it—not in code, but in plain English so that any interested person may read and understand it.

Only the finest products of the mill will be sold under the "four square" label. At all the affiliated Weyerhaeuser properties inspection and grading is done under supervision of the regional inspection bureau and exact standards of size and finished millwork are maintained. But the lumber which is to be packaged goes

through a second rigid inspection when it is re-buted, with the result that architect, owner, contractor and mechanic, as well as dealer, all are assured of a quality product.

Price Is Higher

Packaged lumber will sell for a higher price than ordinary lumber of the same species and grade. The additional price asked by the manufacturer is barely enough to cover the cost of re-butting and packaging, to say nothing of the extra care that will be taken in shipping and handling a material that is prepared with such care. Balanced against this increase in material cost, is a saving due to the elimination of one of the most costly wastes in building—the time the mechanic takes to square up each piece by hand before he uses it. Actual tests on the job have shown that a substantial amount is saved in the application of this lumber and it is believed that this saving alone will more than offset the premium asked.

But in merchandising packaged lumber to and through the dealer, and in advertising it nationally, the originators of this plan do not intend to over-emphasize its economy features. In fact, the whole plan is intended to remove lumber from the field of uncertain, unappreciated and unidentified commodities. Only dealers who have maintained policies beneficial to lumber will be asked to carry the new line. They will be permitted to stock ordinary lumber as well, and to get both of them in a mixed-car shipment. But they will be expected to market the improved labeled product on a quality-basis entirely.

Benefits To Contractor

Likewise, the contractor, Mr. C. L. Hamilton of St. Paul, Minnesota, secretary of Weyerhaeuser Forest Products, in announcing plans for the distribution of the "four-square" line, described its intended benefits to contractors as follows:

"There is a condition in the building trades today that merits serious consideration. It is the type of competition offered the legitimate builder by the inefficient price cutting contractor whose only hope of profit comes from 'skinning the job' with poor construction methods or inferior materials. Wherever the specifications call for a given species and grade of lumber, if it will not show in the finished result and if the owner is not expert enough to detect the substitution, this type of builder will use an inferior species and a lower grade. Moreover, they cheapen the job by poor craftsmanship. Squaring-up the ends of the boards is often neglected in order to save time. Siding and similar items are not tightly butted together, but the joints are left for the painter to fill in. These are merely examples of the innumerable shoddy abuses to which lumber is subjected by the conscienceless builder.

Unfortunately the older mechanics in some instances have been forced into malpractices in handling lumber, in trying to meet this type of competition and many apprentices never have been taught the highest standards of the carpenter's craft."

Many contractors, dealers and mechanics, as well as architects, deplore the condition, according to Mr. Hamilton. It continued:

Will Eliminate Abuses

"This new line—improved, distinctly identified, packaged and guaranteed clear through to the consumer—will help clear away many of these abuses, as we believe help the legitimate builder get credit both for good materials and good workmanship. A contractor may make his bid to specifications which call for a certain species and grade in every piece that goes into the building. If he wishes to do so, he may protect himself by submitting a price also on the job done with ordinary, non-labeled lumber. But, at least by the one method, the owner and the architect will know exactly what they are getting. No substitution for the packaged goods will be possible.

"The contractor will be justified in getting a quality-price for the job done with quality-materials. In fact, the quality lumber will help him materially in selling a quality-job throughout. It will enable him to specialize in quality-work on the finer buildings designed and supervised by architects of good standing.

Pay For Quality

"There are many owners and prospective home buyers who are willing to pay for quality if they can be sure of getting it. The contractor who goes after business on this basis will, we believe, make more money in the long run. The elimination of all unnecessary hand tramping on the job, will release some time for the finer points of good construction. And the price he obtains for his work will justify him in allowing his mechanic to use lumber properly, to build with in the manner in which the master-builders of the American Colonies built."

Lumber dealers also are expected to benefit from this new program of lumber merchandising by being assured of a permanent source of supply, by being listed as preferred customers of the manufacturer, by participating in the results of an extensive advertising campaign—national, local and in the trade press—the has been announced in support of the packaged goods, by having the backing of the finest lumber mills in the country, by being given absolute protection on price by having the inside track on all future developments of the quality line, and by being vested with the reputation of handling the finest lumber made.

"With this development," Mr. Hamilton concluded, "the lumber industry cuts its merchandising eye-teeth."

CULVERT COSTS IN HIGHWAY CONSTRUCTION

To determine the proportionate cost of culverts in highway construction in Missouri 24 projects in five different counties in various parts of the state were tabulated. The total cost of these 24 grading projects, representing a length of 8 miles, was \$589,474. The cost of drainage structures was \$174,373, or 30 per cent of the total cost of construction. If gravel surface is placed on these projects at a cost of \$9,000 a mile, the cost of drainage structures will amount to 1 per cent. If a concrete surface is placed on the graded projects at a cost of \$25,000 a mile, the cost of small drainage structures will be approximately 6 per cent of the total cost of construction.

"From these figures," says T. H. Cutler, state highway engineer, "we believe that the cost of small drainage structures is in the neighborhood of 15 per cent of all money so far spent on the Missouri state road system, or out of the \$116,000,000 so far spent for construction, the sum of \$16,800,000 represents the cost of small drainage structures."

CONSTRUCTION OPERATIONS SHOW NO INDICATION OF SLACKENING PACE

WASHINGTON, April 11.—Construction operations show no indication of slackening in the pace which last year resulted in the establishment of a new twelve-month record, according to statistics just compiled by the Associated General Contractors of America. Carrying surprise even to some of the closest observers of the industry, figures covering last month's operations today were seen to reach the latest total ever recorded for the month of March.

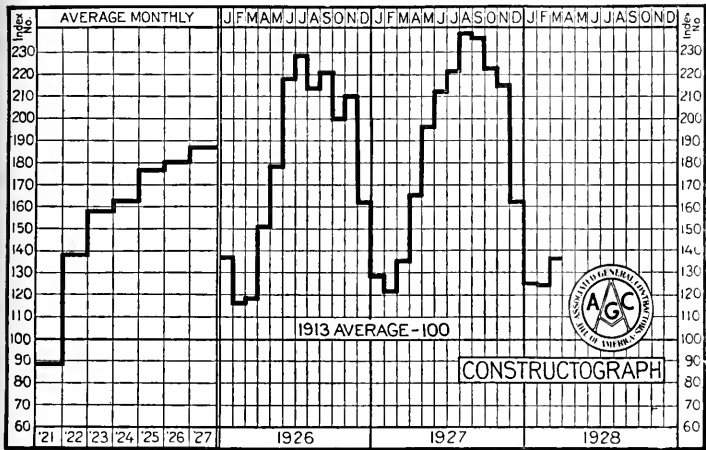
It is thought to bolster the soundness of observations based upon actual shipments of construction materials, the volume of contracts awarded during February

was the greatest to be shown by that month of any year on record.

A fair amount of assurance that the statistics covering construction work carried on during March do not signify a sudden "flare-up" is found in the fact that the volume of activities recorded for the first quarter of this year mounted above the total indicated for the corresponding period of 1927.

A scale which places the 1913 average at 100 as its basis finds the volume of construction activities during March to have reached 137 as an index level, with a gain of thirteen points above the February mark being registered.

VOLUME OF CONSTRUCTION



LARGEST WELDED FACTORY BUILDING IS COMPLETED IN WEST PHILADELPHIA

A factory building designed and built according to modern principles of electric arc welding has just been completed at the West Philadelphia plant of the General Electric Co. It covers 80,150 sq. ft., the main portion being approximately 140 feet wide, 550 feet long and 50 feet high. This portion is connected to an existing parallel building by a transept bay across one end, this bay being 78 feet wide and 170 ft. long. A saving of 15 to 15 per cent of steel tonnage is said to have been effected by using a welded rather than a riveted design. Shop fabrication and field erection each required about two months. As far as is to be ascertained, this is the first welded building to be designed and built in compliance with a city building code.

The structural frame of the main building consists of three lines of columns forming two main aisles over which span parallel chord Pratt trusses about 7 feet deep. One aisle, open from the floor to the roof trusses, is devoted to a 10-ton bridge crane runway, while in the other aisle reinforced concrete gallery floor is placed about midway between the ground floor level and the lower chords of the roof trusses. The transept bay is open over a 10-ton bridge crane runway and spanned by trusses similar to those over the main building aisles, except that the top chords are inclined. In the main crane aisle 2-ton wall cranes are

carried by brackets supported both by the building columns and by special auxiliary columns. The steel totaled about 989 tons. All unit trusses used were those of the Philadelphia building code.

According to Prof. Frank P. McKibben, consulting engineer of the General Electric Co., in charge of the design and erection of the building in cooperation with Harris & Richards, architects, there have been about 35 buildings, 25 bridges and about 15 ships built or repaired in a major way by welding, but this is the first building erected in a city where a building code had to be complied with. The Philadelphia building department issued a special permit for the structure which deviated in only a few details from riveted specifications. A unit stress for welded-joint design of 3000 lbs. per lin. in. for a 3/8-in. fillet weld was one of the main stipulations. It was also required that all welding operators be examined in accordance with best standard practice. The city inspection department expressed its confidence in being able to tell good from bad welds by surface inspection. Professor McKibben listed four major factors the development of which will contribute much to the advancement of welding: (1) Modification of city building codes to include welding; (2) proper control and check of welding employees; (3) development of the use of jigs in shops so as to do away with templates; and (4) development of automatic welding machines that will cut the cost and speed up the work.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Edward Nauer, of San Francisco. HEATER. This provides an improved device which is operable as an independent heating unit which may be connected to any convenient fuel supply and which may be readily transported and connected for use in desired locations.

George S. Hall, of Chico. GAS FURNACE. This relates to improvements in house heating gas furnaces of the type in which the burning gas is completely enclosed and passes through a radiator or drum and causes the air coming in contact with the radiator to be heated.

Joseph Rigby Watson, of Berkeley. FIRE-RESISTING COMPOSITION. This invention relates to fire resisting compositions and more particularly to such compositions to be used in spraying and painting roofs and walls of buildings.

Mike Koske, of McCloud. COMBINATION TOOL. An object of this invention is the provision of a tool which fulfills the requirements cited in patent 1,663,848, and in which the handle serves as a housing for receiving a foldable wrench element.

CARNEGIE INSTITUTE ARCHITECTURAL COURSES GIVEN SPECIAL ATTENTION

Courses in architecture are receiving special attention in the plans for the Eleventh Summer Session this year at the Carnegie Institute of Technology, Pittsburgh, according to an announcement from Dr. Roscoe M. Ihrig, director of summer courses. Under the plans for the coming summer, the Department of Architecture of the College of Fine Arts will give intensive six weeks' courses from June 11 to July 21 to meet the needs of students who desire to continue their work in architecture in the vacation, whether to make up credit, obtain advanced credit, or to prepare themselves better for entrance. Among the subjects to be offered are Architectural Design, Outdoor Sketching, Descriptive Geometry, Shades and Shadows, Perspective and Mathematics. Six and eight week courses are announced also in Chemistry, Physics, Mathematics, Mechanics, English, Economics, Commercial Law, History, Drawing, Surveying, Psychology and Education, Charcoal and Pastel Drawing, Water Color and Oil Painting, Design, Sketching, Methods, History of Arts, and various shops. Courses of six and eight weeks will be given to teachers and supervisors of Public School Music, Fine and Applied Arts, and Manual and Industrial Arts.

COPPER IMPORTS FROM CHILE

Imports of refined copper from Chile into the United States declined from \$22,884,487 in 1926 to \$12,785,696 in 1927, although imports of unrefined copper in pigs and bars rose from \$4,170,341 in 1926 to \$7,523,510 in 1927.

CANADA STEEL PRODUCTION GAINS DURING FEBRUARY

Production of steel ingots and direct steel castings in Canada during Feb. at 95,820 tons was 17 per cent over the output of 84,295 tons in January and 78 per cent over the 55,620 tons reported for February, 1927. Compared with the tonnages for the previous months, production in February showed increases in all grades; steel ingots advanced to 94,668 tons from 81,316 tons and direct steel castings to 4152 tons from 2979 tons.

THE OBSERVER



What He Hears and Sees On His Rounds

The total capacity of all the power-generating equipment installed in the various industries in the United States in 1927, from the highest type of steam turbine and internal-combustion engine down to the erratic windmill and the farm work animal, was 239,514,000 horsepower exclusive of the horsepower of pleasure automobiles. It is an astonishing fact, says the Department of the Interior, which agency compiled these figures, that the total horsepower capacity of the internal-combustion engines of pleasure automobiles is nearly twice as much as that used in all the industries, the total capacity for 1923 inclusive of pleasure automobiles being 684,044,000 horsepower. This tremendous capacity, if converted into man power, would furnish about 60 able-bodied servants in constant attendance on every man, woman, and child in the United States. The horsepower of industrial prime movers in 1923 was distributed as follows: Manufacturers, 9 per cent; mines and quarries, 2 per cent; agriculture, 17 per cent; electric central stations and electric railroads, 11 per cent; steam railroads, 32 per cent; ships, 4 per cent; work animals not on farms, 1 per cent; automobiles not classed as pleasure cars, 23 per cent; miscellaneous, 1 per cent.

Wide variation in the average sales of stores in different sections of the country are shown in the results of the recent experimental distribution censuses in eleven typical American cities, as compiled by the Domestic Distribution Department of the Chamber of Commerce of the United States. The average sales of hardware stores vary from \$95,000 in the Atlanta area to \$16,719 in Seattle. Plumbing and heating fixtures: Seattle, \$63,541; Denver, \$21,281. The census results lead to the conclusion that the distribution system is decidedly uneven. Some cities appear to have either too many stores of a given kind or others have too few. The average Seattle hardware store does only one-sixth as much business as the Atlanta hardware store.

Building Officials Conference of America will hold its fourteenth annual meeting in Detroit April 21-27. Among the papers listed on the program are "Steel Joists," by W. C. Muehlstein, building engineer, Industrial Commission of Wisconsin; "Future of Metal Lath as Fire Protection," by Wharton Clay, Metal Lath Manufacturers Association; "The Standard Fire Test," by Rudolph P. Miller, consulting engineer, New York City; "The Severity of Building Fires," by S. H. Ingberg, senior engineer, Bureau of Standards, Washington, D. C., and "Building Code Revision Work on the Pacific Coast," by J. E. Mackie, secretary Pacific Coast Building Officials' Conference.

With productive operations in full swing in the lumber camps and sending down a steady flow of logs, double shift activities were inaugurated April 16 at the mill of the Pickering Lumber Company at Standard City. Cutting on the Strawberry and Camp Grandall tracts has fully started. On the West Side territory on the Clear River section, lumbering has been started. The mill at Tuolumne will be completed, it is expected.

Frank E. Webb has filed application with the San Mateo County Supervisors seeking franchise to construct a toll bridge over San Francisco Bay to connect with main boulevard on Bay Farm Island, Alameda County. The bridge would be 47,500 feet in length from shore line to shore line and not less than 69 feet wide.

Forty convicts from San Quentin Prison have been sent to Monterey county for work on state highways in that section. They will start work on a new highway from San Simeon to Carmel. Additional convicts will be placed as the work progresses. Altogether 1,000 convicts from San Quentin are to go to state road camps during the summer.

The simplified practice recommendation concerning concrete building units has been reaffirmed by the standing committee of the Bureau of Standards without change for a period of one year. A survey covering the year 1927 was conducted under the auspices of the Portland Cement Association. Manufacturers of concrete block, concrete tile and concrete brick, to the number of 4,198, representing 90 per cent of the total production and 85 per cent of the firms engaged, contributed data which indicated that the average degree of adherence to the recommendation was 90 per cent.

A non-splitting nail, the invention of Harry S. Stronach, for a number of years industrial market investigator for the West Coast Lumber Mfrs. Assn., has been placed on the market by the Stronach Nail Co. of Pittsburgh, Pa. The nail has a triangular point which cuts the fibre across the grain and permits driving close to the end of a board without splitting.

Authorization for the sale April 26 to the highest bidder of the fourth million of the \$9,960,000 harbor bond issue voted in 1925 has been issued by the Oakland city council. The bonds bear 4½ per cent and mature in 40 years.

Plans for the twenty-third annual convention of the California Building & Loan League, to be held at the St. Catherine, Catalina Island, May 3, 4 and 5, are being arranged by C. Howard Wade, Los Angeles, general chairman of the convention. More than 600 building and loan members, representing 220 State associations with aggregate assets of approximately \$310,000,000, are expected to attend.

Chas. D. Roberts, building contractor of Santa Rosa, celebrated his golden anniversary of his arrival in Santa Rosa and the fifty-second of his coming to California. Roberts has no intention of retiring for many years to come and admits, "California's a great place to live in."

To attend a conference between representative American lumber exporters and division officials of the United States Bureau of Foreign and Domestic Commerce, Peter McNevin, general sales manager of the Pacific Lumber Company, has gone to Washington. McNevin is substituting for the regular San Francisco representative, James Tyson, who is unable to attend the meeting.

Inso Board, the new insulating lumber manufactured from wheat straw by the Stewart Inso Board Co. of St. Joseph, Missouri, has already been exported, the first car leaving the plant consigned to lumber dealers in Holland. After extensive tests, the Holland concerns select Inso Board to sell to their trade and use in their own building operations. "We are very much pleased with the international reception we have received so far," says A. D. Stewart, president, "and the shipment to Holland is only one of many we expect to make in the very near future."

ALONG THE LINE

San Leandro voters have authorized the appointment of a city manager. The measure carried by a vote of 1228 for and 812 against.

Architect Rollin S. Tuttle, formerly located at 505 California Bldg., Oakland is now located at 1580 Vista Ave., Oakland.

Frank W. Fuller, 54, for twenty years vice-president of the W. P. Fuller & Co. paint manufacturers, died April 16 as result of an ailment that had kept him in poor health for five years. His wife and three children survive.

T. A. Bedford, division engineer for the California State Highway Commission, Eureka, has resigned to accept the position of chief engineer of the Kaiser Construction Company at Oakland, which concern has a large highway construction program in Cuba.

William Mullholland, who had charge of the construction of the St. Francis dam, will remain in the employ of the city of Los Angeles as chief engineer of the city's department of water and power. This announcement is made by R. F. Del Valle, president of the Board of Water and Power Commissioners.

Paul D. Pratt, city engineer of Los Angeles for more than two years and recently city manager, has resigned to accept a position as representative of the Portland Cement Association in Orange, Riverside and San Bernardino counties.

Christian Wolf, pioneer general contractor of Winnemucca, Nevada, and a resident of the State of Nevada for the past fifty years, died at his home in Sparks, Nevada, April 14. His widow and two daughters and two sons survive.

Suit of Henry B. Ream, city engineer of Mount Shasta, Siskiyou county, for \$50,000 from seventeen defendants he accused of slandering him, ended in a draw. The jury found that the charges made by the defendants were false, but were privileged, failed to constitute libel and did not entitle him to damages. The defendants were declared to have acted in good faith. Ream sued the signers of a petition asking his removal from office for malfeasance, misappropriation of city funds, and similar charges. The jury cleared Ream on all counts.

TRADE NOTES

Jenik Builders, Inc., of San Francisco, capitalized for \$25,000, have been incorporated. Directors are: Anton Usnik, Frances De La Rue and W. J. Alexander.

Manteca Plumbing Co., at Manteca has been sold by Carl Knudsen to Ed Dumoulin, who was associated with Knudsen the past five years.

Yellow Pine Co., of San Francisco, capitalized for \$200,000, has been incorporated. Directors are: F. W. and P. R. Bradley, J. F. Davis, E. A. Griffen and J. W. Osby.

Oriental Commerce Company of Los Angeles has contracted with the government sawmills in India to sell exclusively the United States, Indian hardwoods which there are about 20 species, used chiefly for cabinet work. P. E. Snel, now spent about 5 years promoting the company is president.

Lincoln Builders Co. of San Francisco, capitalized for \$500,000 has been incorporated. Directors are: K. H. Gates, E. Schindler and J. S. Hodghead.

B. F. Bennett will operate from Florence Ave. and Pine St., Dunsmuir, under the firm name of Siskiyou Electric Company.

Durite Asphalt Co., of America, capitalized for \$250,000, has been incorporated with the following directors: B. L. McKinley, J. B. Lounibos and Jos. Farry. An Francisco is the principal place of business.

Riverside Cement Company, headed by Thomas D. Henshaw, William H. Metcalf and William Donaldson, has obtained a Delaware charter to engage in lime, rock, clay, shale, etc. business. The company, which will be capitalized at 710,000 shares of no par value, will take over the business of the Riverside Portland Cement Company.

Builders Supply Co., is occupying new and enlarged quarters at Twenty-fourth and R Streets, Bakersfield. The company carries a complete line of paints, sash and doors, electric supplies, builders' hardware and plumbing supplies.

Metalweld, Inc., of Philadelphia, announce they are exclusively represented in California, Nevada and Arizona by Smith-Booth-Usher Company of San Francisco and Los Angeles for their entire line of Metalweld-Worthington portable air compressors. These portable air compressors are composed of standard parts and repairs and service are available at many points on the Pacific coast through the factory branches of the different units making up these compressor outfits, as well as Smith-Booth-Usher Company's warehouses.

Gladding-McBean & Co., San Francisco, manufacturers of clay products, have received a supplemental permit from the State corporation department, authorizing the sale of 1000 additional shares. This permit amends a previous one which called for the sale of 26,311 shares. The new permit also eliminated the provision calling for appointment of a registrar for the stock, as it was pointed out that the corporation was practically a close one, with but 300 stockholders. Capitalization of the concern is 500,000 shares of no par value. Atholl McBean is president and Theodore F. Tracy secretary.

HERE — THERE — EVERYWHERE

Winfield Scott, director of public relations of the National Lumber Manufacturers Assn., addressed the San Mateo Rotary Club, April 5. His talk was illustrated with lantern slides.

W. L. Huber, past vice-president of the American Society of Civil Engineers, was the principal speaker at the April 11 luncheon meeting of the Sacramento section of the society in the Sacramento Hotel.

"There is no scarcity of lumber," said Ben S. Woodhead, newly elected president of the National American Wholesale Lumber Association, in convention at Atlantic City, April 12, "but there are plenty of rumors to the contrary, probably given birth by competitors in substitute building materials."

Registered plumbers of Sacramento will hereafter be permitted the option of putting up either a surety bond or a personal bond under the terms of an ordinance amendment proposed to the city council by City Manager Bottorff. The present act required such plumbers to furnish a surety bond of \$2500. This has occasioned considerable complaint from the plumbers.

Organization of an association of subcontractors was perfected in Bakersfield April 13, A. E. Abbott being elected president and A. J. Hendricks, elected secretary. Contractors attending the organization meeting included: B. J. Stoll, C. C. Foley, E. J. Gartley, F. P. Smith, Robert Stone, J. I. Waldon, F. F. Kellar, R. E. Goddard, T. W. Fraser, G. E. Wilson, A. J. Hendricks, A. E. Abbott, E. C. Felling, E. E. Blaisdell, W. T. Drury, M. F. Barnes, Max Klunder, Roy Myers, H. L. Perry and W. M. Fisher.

The annual dinner and entertainment of the Society of Engineers was held at the Fior de Italia Cafe, San Francisco, April 10, with two hundred members and guests present. A diversified musical and dancing program interspersed with short speeches by several members constituted the itinerary of the evening.

Metlox Corp., of Manhattan Beach, Cal., capitalized for \$1,400,000, has been incorporated and will engage in the business of manufacturing tile roofing and materials for advertising displays. Directors are: T. C. Prouty of Hermosa Beach; Geo. O. Noble of Los Angeles, and Horace S. Clark of San Francisco.

Star Lumber Company of Stockton, capitalized for \$50,000, has been incorporated. Directors are: W. E. Bruce, of Stockton; S. E. Dalton, of Oakland, and G. N. Whiteside, of San Francisco.

Chas. Edward Webster, civil engineer, died in Antioch, Contra Costa County, April 13. A widow and two sons survive.

James Atsalinos, Greek architect of international fame, died suddenly in Chicago, April 15. Doctors expressed the belief that ptomaine poisoning was the cause of his death. Atsalinos is famed in Europe as the designer of many churches. He came to America about two years ago, and was in Chicago directing the construction of the Solon, a Greek-American school, from plans drawn by him.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

X-4349-C-S NEW BUSINESS REPRESENTATIVE, on industrial report and appraisal work. Prefer graduate engineer 35-45. Must have practical appraisal and selling experience. Apply only by letter. Salary over \$5000 a year. Location, New York City.

X-4610 ENGINEER, to erect and put in operation sulphuric acid chamber plant. Salary \$400 a month and up. Headquarters, New York City. Location, South America.

R-1556-S TOPOGRAPHICAL AND GEOLOGICAL DRAFTSMAN, who is also experienced plane table man for field work in Rocky Mountain States. Remuneration includes board and quarters. Apply by letter with sample of work. Headquarters, Colorado.

R-1568-S CIVIL ENGINEER, M.A.M. Soc.C.E. engaged in developing projects in the northwest desires a young associate on the Pacific Coast with engineering training and experience. Five to ten thousand dollars available capital required. Apply by letter, giving details of experience and photo. Headquarters, Northwest

George J. Trigonis, of San Francisco. WINDOW SEAT. This invention relates to improvements in window seats, and has particular reference to that type of window seat commonly employed for the washing of windows on the outside of a building.

William E. Leibing, of Oakland. CARBONATED WATER COOLER. One of the objects of this invention is to form a reservoir of carbonated water in the refrigerating chamber and to eliminate from said reservoir all pockets now usually present and in which gases separating from the water accumulate. Mr. Leibing assigns his patent to Magnus Fruit Products Co.

Robert C. Forbell, of Long Beach. DIRECTION SIGNAL. This provides a direction signal so constructed as to render it readily accessible for repairs or the substitution of new parts, and further a signal which is constructed to render it immune to the action of the elements so that its proper operation at all times is insured.

John H. Maurer, of Long Beach. COMBINATION FASTENER. This relates to door stops and aims to provide novel means whereby a door may be held in a partially opened position, eliminating any possibility of the door being closed accidentally.

CONSOLIDATED FOUNDRIES IS NEW ORGANIZATION

Merger of three small steel plants and foundries into a new corporation known as Consolidated Foundries is indicated in a permit granted by the State Corporation Department to that concern to issue 60,000 shares to fourteen persons and corporations named in exchange for all the capital stock of the Jewell Steel & Malleable Company, Western Malleable Castings Company and Pacific Malleable Castings Company.

The new company is capitalized at \$2,000,000, par value of shares \$25, and it is understood that Bancitaly Corporation is interested to a considerable extent through having held stock in the former individual units.

Statements filed show assets of the Jewell Steel & Malleable Company at \$621,227 with liabilities \$28,358. Western Malleable Castings Company shows total assets of \$294,934 and liabilities of \$7275, while Pacific Malleable Castings Company has assets of \$404,463 and no liabilities.

MASTER PAINTERS OF STOCKTON PERFECT ORGANIZATION

A Stockton organization of the Master Painters and Decorators' Association of California was perfected April 12, and applied for a charter mark in a meeting held at the Stockton Builders' Exchange building.

Officers elected were J. F. Ecker, president; Carl H. Kiholt, secretary and Elvid Dinger, treasurer. Other signing members were Gibson Ekebergheim, James Garrow, E. J. Blanchard, D. E. Burgess, William Anderson, Matcillin & Carroll, A. H. Davis and Joseph Severn. Meetings will be held on the second and fourth Thursdays in the Builders' Exchange hall.

URGES 100-FT. HIGHWAYS WITH SET-BACK LINES

State highways to be developed in the future should have a maximum width of right-of-way of 100 ft., according to a recommendation made by E. E. East, chief engineer of the Automobile Club of Southern California. East was requested by the Southern California Regional Advisory Council to present his ideas, and in his recommendation he also suggested that set-back lines be established to control future business development and the construction of local service drives where business sections are created along state routes.

It is believed probable that the Regional Advisory Council will seek legislative enactment governing future rights-of-way. It is pointed out that the average width of 60 ft. that served in years gone is no longer adequate, as is proved in many sections of state highways and especially near large population centers. The setback feature would prevent the roadsides from being cluttered up with small businesses to the detriment of through traffic.

EGYPT BUYING CEMENT

Lack of stones and lumber combined with plentiful supply of sand and gravel, has increased Egypt's need for cement, and imports show steady and rather rapid growth. Most of it is bought in Yugoslavia, Belgium, Germany, the United Kingdom and France. Underground cellars, heretofore impractical because of the damp climate, have been made satisfactory by cement and waterproofing materials.

CONCRETE BUILDINGS IN RACE TOWARD SKY

A distinct trend toward the use of reinforced concrete for high buildings is revealed in a survey of this type throughout North America, recently completed by the Portland Cement Association.

South America is the most sensational adapter of the concrete building idea, the Hotel Palacio Salvo at Montevideo, Uruguay, being the highest building of its type in the world. It rises to a height of 28 stories, with its peak 338 feet above the sidewalk level. The Palacio was finished in 1926.

The tallest concrete building in the United States is the recently completed Master Printers Building, New York City, which has 29 stories and an overall height of 319 feet.

While the first concrete building above 16 stories in America, the Ingalls Office Building at Cincinnati, Ohio, finished in 1903, stands 16 stories high, the average number of stories for the 617 reinforced concrete buildings in this country, ten or more stories high, is 11.9 the survey shows.

Florida is the leader among states in construction of tall concrete buildings with a total of 110; California is second with 67. Texas is third with 57 and New York fourth with 47. The remainder of the leading building in the survey is

\$5,000,000 ROAD BUILDING PROGRAM PLANNED BY JAPAN

A comprehensive plan for road improvement and construction for the whole of Japan proper which contemplates the expenditure of about \$5,689,000 over the next ten years has been formulated by the Civil Engineering Bureau of the Home Department. The program will extend over 3600 miles of road. Municipalities, prefectures and the national government are reported aroused to the necessity for providing for increased automobile traffic.

DEPARTMENT OF COMMERCE BE- HIND HARDWOOD STANDARDS

R. M. Hudson, assistant director of the Bureau of Standards, Department of Commerce, has issued a circular letter to hardwood manufacturers, distributors and consumers, unequivocally revealing that the Department of Commerce is firmly behind the hardwood consulting committee and the Central Committee on Lumber Standards. The Hardwood Consulting Committee, which advises the Central Committee in the matter of hardwood standards, has been in existence since 1924. It is made up of thirty representatives of all branches of the hardwood industry and has been guided to a considerable extent by the technical findings of the Forest Products Laboratory, Madison, Wisconsin, which has made a series of comprehensive studies of the grading of hardwood lumber. In addition, the hardwood industry has made a number of tests of results in grading lumber under the present and proposed standards. The outcome was a recommendation that grading rules for hardwood lumber be so revised that all grades shall be determined according to actual utility value of the material—these rules taking the form known as Proposal "C".

TUNNEL SUIT ON EAST BAY PRO- JECT IS TRANSFERRED

On the grounds that it is a "foreign corporation," organized under laws of the state of Texas, Smith Brothers, Inc., builders of the Mokelumne project Lafayette tunnel, has secured from Superior Judge H. V. Alvarado transfer to the U. S. District Court of a \$100,000 suit instituted against it by the firm of Grier & Mead as an aftermath of the tragic Thanksgiving day flood of 1926 at the Claremont tunnel of the East Bay Municipal Utility District.

The suit charges that because of negligence of Smith Brothers, a conduit erected by the firm near the mouth of the Claremont bore failed of its purpose and storm waters from San Pablo creek flowed into the hatch basin and thence into the tunnel to take toll of ten tunnel workers drowned.

Grier & Mead and W. M. Grier and W. S. Mead, the contracting firm, are suing for losses they sustained by the tunnel flooding and to cover indemnities paid to relatives of the flood victims.

L. A. ART COMMISSION APPROVES PLANS FOR STRUCTURES

During the month of March, 1928, the Los Angeles Municipal Art Commission approved plans for buildings and structures estimated to cost \$1,106,003. Of this amount \$893,349 represented ornamental lighting systems for which petitions will be circulated. Among the plans approved were those for the Riverside Drive-Pacific Electric Glendale line undercrossing estimated to cost \$130,000. Plans were approved during the first three months of the current year for buildings and structures estimated to cost \$2,366,817, of which amount \$1,629,229 represented ornamental lighting systems.

NEWSPAPERS BECOME CHINESE WALLPAPERS

Old newspapers have become a considerable item in the list of American imports at Tientsin. These papers, while sell in the wholesale market here at about \$36 a ton, are shipped into the country districts of North China, where they become wall paper or are pasted over windows. Glass windows are still rare in the interior villages. Old newspapers are imported also from Germany and Japan.

BELGRADE SEEKS HIGHWAY CONSTRUCTION LOAN

A highway construction loan is desired for Belgrade, Yugoslavia, to meet the needs of the Belgrade district, which covers much of the rich agricultural lands lying between the capital and the Hungarian frontier. The proceeds of the loan are to be used for the construction of highways and building a bridge across the Tisza River. The amount desired is about \$9,000,000, of which about \$5,500,000 will be employed for road building and about \$3,500,000 for the bridge.

ROAD FUNDS PROVIDED

According to word from Washington the Senate has passed and sent to the House the Phipps bill authorizing an annual good roads appropriation of \$75,000,000 each for the years 1930 and 1931. In addition the measure authorized \$7,500,000 each for the same years for post roads and trails.

STEAM ENGINEERING WILL BE EX- HIBITED AT SMITHSONIAN

The history and development of steam power plant engineering is to be shown in a large permanent exhibit now being assembled by the Smithsonian Institution, according to word from Washington.

About 3000 feet of floor space has been allotted for the new steam unit of the museum, which will include models or originals of the engines which have made history. Beginning with the toylike turbines of the ancients, they will illustrate the progress of steam engineering up to the most modern developments.

The institution already has the upper half of the original cylinder of the Josiah Hornblower engine of 1755, which marked the beginning of American steam engineering; the original engine and porcupine-type boiler designed and used by Colonel John Stevens in his steamboat in 1803, together with the water-tube boiler of his experimental locomotive of 1825.

LOS ANGELES ENGINEERS ELECT

Announcement is made by the Los Angeles Chapter, American Association of Engineers, of the returns of annual election of officers just closed, as follows: Rolf R. Newman, president; Wm C. Hogboom, vice-president; Robert M. Cox and D. M. True, directors. E. Earl Glass is retiring president and holds office on the new board as past president, together with the hold-over directors, J. Wyman Ludlow and R. W. Stewart.

The installation of new officers will take place at the annual meeting of the chapter to be held April 26.

U. S. STEEL CORPORATION ELECTS DIRECTOR

Thomas W. Lamont of J. P. Morgan & Co. has been elected to the Board of Directors of the United States Steel Corporation to fill the vacancy created by the death of E. H. Gary, former chairman. Four directors, whose terms expired this year, were re-elected to serve until 1931. They are George F. Baker, Sr., Eugene J. Buffington, James A. Farrell and Morgan.

UNIFORM STANDARD DESIGN IN WIND-BRACING OF TALL BUILDINGS PURPOSE OF STEEL INSTITUTE STUDY

To provide data that will afford the basis for uniform standard design in the wind-bracing of tall buildings, a research fellowship has been established at the Ohio State University, Columbus, Ohio, by the American Institute of Steel Construction.

While skyscrapers have proved capable of withstanding the most severe winds, it is believed a further study of pressures, stresses, and elastic deformation will enable the engineer to design against wind with a confidence which does not exist at the present time, due to wide variations in practice by different designers.

Until recently the study of wind pressures has been largely confined to storm conditions and to work with models. In the wind tunnels of the U. S. Bureau of Standards, Washington, D. C., models of buildings have been subjected to wind velocities exceeding 100 miles per hour, but the models were too small to show the part played by the powerful vacuum created on the leeward side of a structure, and believed to be responsible for much of the damage caused by hurricanes.

The completion of the American Insurance Union Building in Columbus, Ohio, a short time ago, provided a full-size test specimen for study of the effect of wind upon high buildings. During the construction of this building, gauge points were established on the columns of the tower section from the basement to the upper stories. Movable panels in the fireproof protection of these columns at each floor make the gauge points available at all times for the measurement of stresses caused by wind.

A means of observing the elastic sway in the top of the tower is provided by a theodolite set in the bottom of the longest elevator shaft, with targets at the top of the shaft. In the design of all tall buildings, particularly tower structures, it is known that there must be a sway to the structure proportional to the forces to which it is subjected.

It is expected that the Wind Stress Committee of the American Society of Civil Engineers will cooperate in codifying the data derived from the observations which are made, and that the Committee will make recommendations for uniform practice.

structure always in repair or to modernize it. Second, millions of prospective home buyers and the professional purchasing agents will be told that safety and economy in purchase of building materials will be insured only by dealing with one of the co-operating lumber yards.

The public will be educated to expect and demand a "certificate of safety." This guarantees the purchaser by actual bond, underwritten by the association, that the material sold him conforms in grading with the national manufacturers' standards, and in quantity with the invoice rendered him.

It is expected that these two thoughts—building now and buying safely—when nationalized by this slogan, will energize the merchandising of thousands of lumber dealers. Instead of their maintaining building material storage yards, and bidding for business through second and third parties, allowing mail order houses and direct shippers to take an ever-increasing amount of profitable business that is economically theirs, the lumber dealers' contacts will come more and more directly with the actual prospective homebuilders. Instead of merely competing among themselves as buyers of low-profit lumber bills that have for the most part been already sold by a third party, the co-operating dealers will become active merchandisers of building materials.

The quota system will be used in raising the fund for the advertising. The lumber dealers in each of the 3,400 counties in the United States are asked to put in 80 per cent of the fund, which will actually be spent in advertising, publicity and merchandising in that county. The remaining 20 per cent is asked of the manufacturers and allied industries. (Editor and Publisher.)

\$16,000,000 LUMBER ADVERTISING CAMPAIGN TO BE STARTED IN JULY

The biggest co-operative advertising campaign in history in the amount of money to be spent annually and in the extent to which the campaign will be worked out among various media, will be the campaign of the National Retail Lumber Dealers' Association, to start July 1 and continue for four years.

The purpose of the campaign is to build up the retail lumber business in the country, and especially the business of those dealers who participate in the cost. It will be carried on along two main lines: First, to stimulate the building of new homes and new business structures, supplemented with the thought that it is good business to keep present structures in repair and with modern improvements, and second, to educate the prospective home builder or buyer and the industrial buyer that the retail lumber yard, conducted according to the standards of the national association, is the safe, logical and economical place to buy all building materials.

The total of the advertising fund of the association is expected to range somewhere between \$16,000,000 and \$25,000,000 for the four years, or from \$4,000,000 to \$6,000,000 a year. The actual amount, of course, can not be stated with accuracy until the close of the preliminary campaign among dealers of the country, which has just begun, but there seems little question, according to the confident prediction of leaders of the industry, that at least the minimum amount stated will be reached. In addition to that, it is expected the stimulus which the national campaign will give to retail lumber advertising by individual dealers and allied industry will cause the expenditure of additional millions in local newspapers, trade magazines, posters, direct mail, etc., so that the total amount expended during the four years by the industry is likely to run around \$25,000,000 to \$40,000,000.

The extent of the advertising and its working out among the media to be employed is indicated to some degree by the following:

(1) The bulk of the association's fund will be spent in advertising in daily newspapers in cities and towns where there are subscriber dealers. In each of these cities and towns a 20,000-line schedule will be run each of the four years. The newspapers chosen will be daily papers printed in English, the paper having the largest circulation to be selected, except in case the city circulation of the largest paper does not exceed by 50 per cent the combined city circulation of all other such newspapers in that city. In such cases two papers will be used, the largest and second largest.

(2) National magazine advertising. To be conducted throughout the four years in the standard magazines of national circulation.

(3) National and sectional farm journal advertising. To be conducted throughout the four years in magazines of this character, to reach those communities not thoroughly covered by the national magazines of general character, and especially, to urge building and building repair by farmers.

(4) Beyond these three general divisions, there will be extensive outdoor advertising in the form of poster paper, metal road signs, signs for dealers' trucks and so on, and likewise window displays and similar advertising helps, along with mats and electros for tie-up advertising by local dealers.

The campaign will be conducted by the Millis Advertising Company of Indianapolis, under the direction of a committee of the association termed the trustees of the advertising program. They are: Hawley Wilbur, West Allis, Wis.; Thornton Estes, Birmingham, Ala.; Fred H. Ludwig, Reading, Pa.; L. P. Lewin, Cincinnati, O., and Adolph Pfund, Chicago, Illinois.

For the lumber dealers' campaign, the slogan chosen is "Build Now With Safety." It embodies two sales messages, which will be carried through the campaign. The first will be the "own your home" idea, supplemented with the thought that it is economical to keep a

NATIONAL LUMBER MANUFACTURERS TO PROMOTE HOME BUILDING

The National Lumber Manufacturers Association Trade Extension Committee has authorized cooperation of the Trade Extension staff with the National Home Building Council.

The National Home Building Council is, through their representatives, a group activity of a number of the larger building industries and allied interests. Through promotion of construction and home improvement, its purpose is to establish, maintain and develop volume and profits in industry and to absorb any decline from the "new construction" peak.

The present program of the Council calls for stimulating local interest among dealers, contractors, bankers, building and loan associations and others to the needs and opportunities for local improvements; to provide cooperation of inter-industrial effort, furnishing plans, stimulating local advertising and encouraging sound local financing or re-financing. This program has been based on the theory that industry must, under present conditions, reach out for its market.

1927 MAGNESITE PRODUCTION

The production of crude magnesite in the United States in 1927 was 121,490 short tons, valued at \$1,090,550, according to statistics compiled by J. M. Hill, of the United States Bureau of Mines, Department of Commerce. Three operators working three mines, one each in Santa Clara, Stanislaus and Tulare counties, in California, produced and sold 3,750 tons of crude magnesite, valued at \$97,500. All of the output in Washington was from the mines of the Northwest Magnesite Company, which produced dead-burned magnesite at Chewelah. Two of its six furnaces were operated only part of the year.

ENGINEERS AND DEALERS IN ANNUAL MEET DISCUSS PROGRESS OF OIL HEATING

The Fifth Annual Convention and Exposition of the American Oil Burner Association, held at the Hotel Stevens in Chicago on April 14 and 15 brought together representatives of the greater variety of interests ever assembled to discuss the problems of oil heating. The attendance of more than 1,500 included engineers, architects and dealers in electrical plumbing and heating supplies, as well as officers and employees of the leading firms engaged in the manufacture of oil burners and accessories. The program was ably planned to cover not only the technical subjects of direct interest to the oil burner trade, but also the points at which the new oil burner industry touches a number of allied interests.

The Convention demonstrated that the oil burner industry is progressing not only through mechanical improvements in its products, but also in impressing the value of these products upon the electrical industry, the great oil producers, plumbing and heating engineers, builders and architects. The program contained meat for all of these.

Central Station Companies

One of the most interesting addresses was given by Charles K. Nichols of the New York Edison Company, who spoke of the increased attention which great electric light and power companies are giving to the possibilities of oil heating. "There is a great chance," he said, "for both the oil heating industry and the electric light and power central stations to help each other out." Mr. Nichols went on to say that his industry, through the National Electric Light Association and the Association of Edison Illuminating Companies is investigating oil heating and, if satisfied with the information developed, is preparing to promote the use of domestic oil burners just as it is now pushing electric refrigerators. This interest is due to the needs of the central station companies to build up the use of power by residences and commercial buildings during daylight hours to help balance the use of electric current for lighting, and to the desire to equalize as far as possible the central station "load." The procedure in the case of the oil burners is the same as that which the central station companies have pursued in regard to the electric refrigerator, which received a thorough test for two years and in 1925 was definitely approved by the central station companies, many of which are now not only selling the idea of mechanical refrigeration for domestic use, but also acting as selling agents for particular refrigerators. Since 1925, said Mr. Nichols, half a million electric refrigerators have been purchased and put on the central station lines.

Educational Campaign

Leod D. Becker, Managing Director of the Association and of the Oil Heating Institute, reported that several of the great oil companies were supporting the educational campaign carried on by the manufacturers of oil heating equipment. The directors of the Association voted to continue the co-operative advertising campaign begun last year by the oil heating interests and plans for this campaign were laid by the councilors of the Institute on a two year basis. The interest of the oil producers was explained as due to the desire for a larger market for fuel oil and the need of conserving our immense oil surplus by increased utilization. The educational and advertising campaign will continue to point out the advantages of oil heating due to economy, convenience and health, and special attention will be paid to educating home owners, builders and architects.

In his opening address, Lionel L. Jacobs of St. Louis, President of the Association, reported that the industry had experienced a greatly increased volume of business during the first three months of 1928 and that business in this period was in excess of the corresponding months of 1926, hitherto the banner year of the industry. "Everyone is looking forward with high hopes," he said, "to the balance of the year."

Distribution Problems

President Jacobs stressed the need of improving distribution methods. "Without a well organized man power to take advantage of the opportunities to be produced by the advertising," he said, "the expenditures made would be merely a loss of money instead of an investment made to yield a profit. Having learned its lesson the industry will now step forward to a steady progress at a reasonable speed, leaving in its wake a system of distribution founded on knowledge and experience and supported by the manufacturer in a manner that will establish public confidence and acceptance of a product that offers a greater return in personal comfort to the entire family than any other utility that has been developed in the past."

Mr. Jacobs reported that questionnaires sent out by the Oil Heating Institute to Fire Marshals in cities and towns where fires were attributed to oil burners developed the fact that over seventy per cent of these alleged oil burner fires originated from some other cause.

He announced that at the request of the Association the Department of Commerce was making a complete survey of foreign markets for oil burners which probably will be completed this year.

Speakers who discussed the question of competition with other fuels were uniformly optimistic in their prediction that fuel oil was approaching a position of leadership in the fuel market. The main problem, they found, was to teach the public the truth about the production and utilization of fuel oil and to wipe out the impression that there was any danger within the next few generations of a failure in the supply of oil. The fact that the Board of Underwriters have placed their stamp of approval upon a large majority of representative oil burners now in use was cited as proof that the industry no longer need fear opposition to its products on the ground of danger from the burning of oil in domestic heaters. Government statistics were quoted to prove that while all other commodities, including coal, showed an increase in cost of more than fifty per cent from pre-war level, fuel oil prices today are practically the same as in 1913.

Competition of Gas

In regard to gas, while the value of this fuel was admitted, speakers agreed that the oil burner industry had nothing to fear from this competition. In the words of B. L. Majewsky, Vice-President of the Shaffer Oil and Refining Company of Chicago, "Due to difficulties both as to distribution and price, there is good reason to believe that with aggressive advertising and cooperation between the oil burner manufacturer and the oil industry, oil will win complete leadership in the home field before gas can become a serious competitor."

One of the activities of the Oil Burner Association which received general commendation was the standardization of fuel oil specifications. Heating oils are no longer regarded by the progressive modern day refiner merely as by-products. On the contrary, as much care is used in manufacturing heating oils ac-

cording to strict specifications as is used in the case of cutting gasolines and kerosene from the crude oil. The refiner, having made a careful study of the requirements of the representative burner on the market, can, and does in many instances, manufacture the heating oil generally required.

New Officers

J. C. Johnson, President of the S. Johnson Company of Oakland, California was elected president of the Association for the ensuing year. E. P. Bailey, President of the National Aeroil Company of Philadelphia, was elected Chairman of the Board of Directors. The other officers chosen were: Executive Secretary, Leod D. Becker, New York; Vice President, George P. Kittle, President Aeroil Company, Union City, New Jersey; Edwa M. Fleischmann, President May C. Burner Company, Baltimore; Walter Tant, President Silent Automatic Burner Company, Detroit; George Buloch, President Calorol Corporation, New York.

The Executive Committee was increased from three to five members and now consists of: President J. C. Johnson, Executive Secretary Leod D. Becker, Lionel L. Jacobs, the outgoing president, and Messrs. Fleischmann and Bailey as above.

DECAY OF CONCRETE IS BEING STUDIED BY EXPERTS

An investigation of the deterioration of concrete masonry is in progress in the testing laboratories of the civil engineering department of Columbia University according to word from New York.

The tests, still incomplete after two years of study, indicate that improper construction and workmanship are among the most important factors in the disintegration of concrete, says Professor A. H. Beyer, who is in charge of the laboratories.

"The whole phenomenon of concrete deterioration is extremely complex," Professor Beyer asserts. "In some pieces of construction concrete is affected quite rapidly, while in others, its disintegration with time is almost negligible. No progress can be made against such deterioration until the underlying causes are thoroughly understood."

"Masonry which stands in water, such as bridge abutments and piers, is particularly susceptible to serious wear, whether the water is fresh or salt and whether the climate is tropical or temperate."

David L. Snader, professor of structural engineering at Stevens Institute of Technology and a graduate student at Columbia, is making the tests in collaboration with Professor Roy J. Colony, a Columbia geologist. Their materials are samples of masonry taken from culverts, abutments, walls and other structures which have deteriorated so far as to necessitate repairs. Microscopic and X-ray examinations of these pieces are made by the scientists.

SET-BACK BUILDINGS PERMITTED IN BOSTON

An important change was recently made in the building laws of Boston, Mass., with the signing by Governor Fuller of a bill permitting the erection of so-called terraced buildings above the heretofore maximum height of 155 ft. The measure places a building limitation on volume rather than on height. The law, at the present time, has particular reference to the construction of the proposed New England Building which will be 28 stories in height. Although not high as standards are measured in other cities, this building will be more than twice as high as commercial buildings have been built in Boston. It will cover a plot 270 ft. wide by 450 ft. long and have a gross floor area of about 1,600,000 sq. ft.

TIMBER MANAGEMENT PLANS DESCRIBED BY U. S. FORESTERS

Forest management in America is coming into its own, according to the Forest Service, United States Department of Agriculture.

"For many years," it is declared, "foresters in this country were forced, because of lack of American experience, to teach and practice methods transplanted bodily from Europe. But when a background of actual practice and a better understanding of the silvicultural and economic factors peculiar to this country had been acquired, there came about a general realization that we could not begin where Europe left off; that we must, to a certain degree at least, meet American conditions with American methods."

Presenting the best that has been developed in forest management in this country through experience and study, an exposition of the methods of making forest plans has just been published as Miscellaneous Publication No. 11-M, "Management Plans," written by Inman Eldredge, formerly a forest inspector for the Forest Service. While the publication was written with special reference to the National Forests, it contains much information useful to foresters and timber owners generally, especially those who are engaged in making or carrying out management plans.

Timber is a long-time crop. To grow

a stand of timber to merchantable size and to perpetuate the crop requires usually the work of a succession of forest managers, and it is necessary that a far-sighted plan, which is practicable over a long period, even though capable of modification to meet changing conditions, be established at the outset. The preparation of a management plan involves generally the division of the forest into working circles, the assembling of all pertinent data and maps for study and analysis of the working circle concerned, decision upon the objectives of management, determination of silvicultural systems to be used, calculation of yield, formulation of the policy to govern the timber sale business, choice of areas from which timber is to be cut during the first period, and presentation of the material in a workable plan.

In an appendix to the publication are given the management plans which have been put into effect for the Custer Working Circle, Harney National Forest, South Dakota; Meadow Valley Working Circle, Plumas National Forest, Calif.; Woodland Working Circle, Pike National Forest, Colo.; and the Rio Pueblo Working Circle, Carson National Forest, New Mexico.

Copies of the publication can be obtained without charge, by writing to the United States Department of Agriculture, Washington, D. C.

APPRENTICESHIP PLAN DESIGNED TO TRAIN BUILDING TRADESMEN AT ONTARIO

More than a year ago when the construction industry of Ontario was faced with the problem of supplying skilled workmen for the projects then under way and projected in the cities of Hamilton and Toronto the Association of Canadian Building Construction Industries submitted a plan of apprenticeship to the various organizations of employers and employees in the hope of finding a solution of the problem. Out of this the Construction Apprenticeship Council of Ontario was formed. This council is composed of two representatives from the Canadian Construction Association, one each from the Engineering Institute of Canada, the Ontario Association of Architects and the Technical Branch, Department of Education, and four from the ranks of organized labor appointed by the Labor Congress of Canada. The principal features of the plan were outlined by G. L. Sprague, apprenticeship adviser, Construction Apprenticeship Council of Ontario, in an address before the Winnipeg Conference of the Association of Canadian Building and Construction Industries held during January.

"Management is vested in joint trade apprentice committees, two representing employers and two employees and one appointed by the council, Mr. Sprague explained. Uniform apprentice indentures are used and apprentice records are kept showing the work on which apprentices are engaged during their training. Regular apprentice reports are made every three months giving this information. This practice is to assure proper training in all branches of the trade. Selection and placement of apprentices is through these committees.

"The transfer principle is approved and in use where employers have not sufficient work to keep apprentices employed and when it is necessary to transfer an apprentice to give him training in branches of his trade not provided for by the employer to whom he may be

indentured. For example, an employer may have a class of work in which carpenter apprentices would be engaged chiefly in form work and during his entire four years this apprentice might not obtain training on interior finish. When this is the case the committee may transfer the apprentice to another employer who can give him training in other branches of his trade.

"The important feature of the apprenticeship plan is that which provides for a period of intensive training in trade practice in technical school during the off season for the first and second year apprentices. The most important period in apprentice training is the first two years. Start a boy right, give him continuous employment for 40 weeks in each of the first two years, supplement this with ten weeks' intensive training in trade practice in each of these first two years and you furnish a guarantee that the industry will have a skilled building tradesman at the end of four years. He will be so valuable a worker in his third and fourth years that his employer will keep him employed as continuously as his work will permit.

"Our first difficulty in training boys for skilled positions in the construction industry has been to educate employers. Organized labor is behind our scheme of training one hundred per cent. They appreciate the fact that when we get this plan working throughout the province it will raise the standard of skill in building trades and that this will help their organizations as much as it will benefit employers.

"Labor organizations have very definite regulations regarding apprenticeship but these regulations offer employers ample opportunity to train a sufficient number of apprentices. In fact, it will be some time before we ever have as many apprentices in training as the labor union ratio permits.

"The need today is for organization of

employers in the construction industry to cooperate efficiently with labor organizations in rating and maintaining the standard of skill in the building trades. This is common ground on which labor organizations and employers' organizations can meet and work together in harmony. Out of this common interest in training our boys will grow better understanding and a new spirit of cooperation that will make itself felt in all relations of employers with labor organizations.

"These apprentice committees have been organized in Toronto and Hamilton for the carpenter and bricklaying trades. Carpenter classes of first and second year apprentices are attending the technical schools in these cities, and soon a bricklayer apprentice class will start in the Hamilton Technical Institute. The apprentices are paid \$2 a day for eight hours' attendance, five days a week for 10 weeks in Toronto and 8 weeks in Hamilton. The funds for this purpose have been raised in Toronto by assessment, based upon wages paid apprentices and paid in monthly into a general apprenticeship fund, and in Hamilton by generous action on the part of the employers in paying this educational allowance each week while the class is in progress.

"The apprenticeship plan of the provincial council provides for this assessment upon a 10 per cent basis, but in Toronto the General Contractors' Association paid half of this assessment. Ultimately we contemplate a general assessment of the industry, so that the cost of training apprentices will be borne by the entire group. It may prove practicable before very long to secure an assessment along the lines of the workman's compensation plan to provide funds for apprentice training. If this is done it will be possible to assign first and second year apprentices under supervision of the apprentice committee to employers qualified to provide proper training and also to continue related training in trade practice during the off season.

"So impressed is the Ontario government with progress made so far in establishing this system of apprentice training that legislation is being prepared for introduction at the coming session of the legislature. This legislation will govern and regulate apprenticeship in all trades and branches of industry and will be the first step in a new order of industrial training in Canada."

CARRARA MARBLE QUARRIES MAY BE REOPENED

According to word from Tonopah, Nevada, it is rumored that the marble plant and quarries at Carrara will be re-opened, following the visit of a party of Ohio capitalists on the site. The plant is located between Beatty and Wahmonie.

Members of the party were E. M. Vossler, Findlay, O., formerly district manager of the Mutual Life Insurance Company of New York; Frank Schumacher, Circleville, O.; Harry Miller, Columbus, O., and J. H. Swoyer, manager of the Royal Caramel Company of Hollywood. The latter is interested at Hornsilver and Tokop.

The marble plant represents an investment of over \$1,250,000, chiefly furnished by Marion, O., residents. At its inception the company installed a complete electrically-equipped outfit.

When the works were ready to turn over, the power company abandoned the southern end of Nye county, leaving Carrara without either light or power. Then a gasoline engine was installed and the day it was completed fire destroyed engine house and planing shop.

Afterward a Diesel engine with electric generators was placed and the company appeared headed for a prosperous time when it became financially embarrassed and could not fill orders from Los Angeles builders. The plant has remained idle for four years.

Building News Section

APARTMENTS

LOS ANGELES, Cal.—Architect Leland A. Bryant, 700 S. La Brea Ave., completing plans for a six-story reinforced concrete apartment to be erected at Vermont Ave. and Ambrose St. for Ralph E. Ford. Twenty-six 5 and 7-room apartments; 125x21 feet. Cost, \$300,000.

LOS ANGELES, Cal.—Architect Leland A. Bryant, 700 S. La Brea Ave., taking segregated bids for 13-story reinforced concrete apartments at 1811 N. Whitley Ave. for Dr. S. M. Wells; 48 apartments. Cost, \$300,000.

Sub-Contracts Awarded.
APARTMENTS Cont. Price, \$97,200
SAN FRANCISCO, NE Dolores and 14th Streets.

Five-story and basement reinforced concrete Class C apartment building (74 rooms).

Owner—P. A. Branswarth, 3926 18th Ave., San Francisco.

Architect—Albert H. Larsen, 417 Sutter St., San Francisco.

Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Ornamental Iron—Folsom Street Iron Works, 17th and Missouri Sts., S. F.

Mill Work—Redwood Mfg. Co., Hobart Bldg., San Francisco.

Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.

As previously reported, reinforcing steel awarded to Gunn, Carle & Co., 444 Market St., S. F.; concrete to De Luca & Son, 666 Mission St., S. F.; structural steel to Judson-Pacific Co., 609 Mission St., S. F.

Completing Plans
APARTMENT Cost, \$1
SAN RAFAEL, Marin Co.
Three-story frame and stucco apt. bldg. (twelve 2-3- and 4-room apts.)
Owner—Name withheld.
Architect—N. W. Sexton, DeYoung Bldg., San Francisco.

Plans Ready For Bids In Two Weeks.
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Location Withheld, 80x186 feet.
Three-story frame and stucco apartment building (60 2 and 3-room apts.)
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Preparing Working Drawings.
APARTMENTS Cost, \$70,000
OAKLAND, Alameda Co., Cal. Location Withheld, 111x102 feet.
Three-story frame and stucco apartment building (70 rooms of 2 and 3-room apts.)
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Bids will be taken in about two weeks

Plans Ready For Bids In Two Weeks.
APARTMENTS Cost, \$130,000
ALAMEDA, Alameda Co., Cal. Location Withheld, 80x202 feet.
Three-story frame and stucco apartment building (18 2 and 3-room apts.)
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, \$25,000
FIDELITY, Alameda Co., Cal. Uplands District.
Two-story frame and stucco residence (10 rooms, 3 baths, 2-car garage).
Owner—R. H. Bonnie, 5667 Ocean View Drive, Oakland.
Architect—Frederick H. Reimers, 1621 Franklin St., Oakland.

Plans will be ready for bids in 30 days.
LOS ANGELES, Cal.—Jack Olerich, 101 W. Second St., will erect 8-story Class A apts. at Second St. and Gram

ercy Pl. for himself. Plans being completed by C. Roderick Spencer, architect. John J. Landon and Harrison Clarke, associated, 3350 Beverly Blvd.; 60x150 ft.; 40 apartments, steel frame construction with steel joists and reinforced concrete floors and walls, hollow tile interior partitions, cost \$300,000.

Plans Being Prepared.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, Location Withheld.
Six-story reinforced concrete apartment building (40 2 and 3-room apts.)
Owner & Builder—Bell & Sylvester, 249 Ocean Ave., San Francisco.
Architect—D. A. Jaekle, 395 Justin Drive San Francisco.

LOS ANGELES, Cal.—Roy L. Jones, 1770 N. Vermont Ave., has completed plans for a 4-story and part basement, 44-family, 122-room, Class C apts. to be built on Lucile near Sunset Blvd. for E. G. Martin, 1111 Cochran St.; 75x135 feet, brick walls. Day work and subcontract by owner; \$150,000.

LOS ANGELES, Cal.—Architect Robert C. Yinger, 6362 Hollywood Blvd., Rm. 405, completes plans for a 5-story and basement, 42-room, 42-family apts. to be built at 7500 Hollywood Blvd., for Burton E. Harrington, 1300 Laurel Ave. Owner will have charge of all construction; \$150,000.

LOS ANGELES, Cal.—Maurice Grodin, 3230 Sunset Blvd., has completed working plans and is taking bids on sub-contracts for a 5-story class A apartment building to be erected at 4649 Beverly Blvd., owner's name withheld; the building will contain 32 single and double apartments, reinforced concrete construction.

Working Drawings Being Prepared
APARTMENTS Cost, \$30,000
REDWOOD CITY, San Mateo Co., Cal. Birch Street and Broadway.
Two-story frame and stucco apartment building.
Owner—Misses Jean, Marion and Blanche Cumming.
Architect—John McCool, 381 Bush St., San Francisco.

Plans will be ready for bids in about two weeks.
Plans Being Figured
APT. BLDG. Cost, \$25
BERKELEY, Alameda Co., Cal. Euclid and LeConte Sts.
Two-story frame and stucco apt. bldg. (10 apts.)
Owner—Mr. Burr.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

Orders-Inquiries

60
pages
Send
for
FREE

Can be
Secured
by
MAIL

**POLK'S REFERENCE BOOK
and Mailing List Catalog**

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.
 Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

Working Drawings Being Prepared
APARTMENTS Cost, \$600,000
OAKLAND, Alameda Co., Cal., Bellevue and Staten Aves.
Fourteen-story steel frame and concrete apt. bldg.
Owner—Bellevue Community Apts., Inc.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Thebo Starr & Anderton, Sharon Bldg., San Francisco.

Construction Started
APARTMENT Cost, \$150,000
SAN FRANCISCO, 20th Ave. & Irving St.; 77x110; 6-story and basement steel frame and concrete store and apartment bldg. (48 2- and 3-room apts.)
Owner & Builder—Olaf Monson, 15 Plaza Street.
Architect—H. C. Baumann, 251 Kearny Street.

Plastering Contract Awarded.
APARTMENTS Cont. Price, \$97,200
SAN FRANCISCO, NE Dolores and Fourteenth Streets.
Five-story and basement reinforced concrete Class C apartment building (74 rooms).
Owner—P. A. Branswarth, 3926 18th Ave., San Francisco.
Architect—Albert H. Larsen, 417 Sutter St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Plastering—Jesse Shay, 725 Tehama St., San Francisco.
Other awards reported April 12th.

Sub-Bids Being Taken
APARTMENTS Cost, \$150,000
SAN FRANCISCO, 9th Ave. and Jud St.
Six-story steel frame and concrete apartment bldg., 90-rooms, all modern conveniences.
Owner and Builder—Cox Bros., 1950 Irving St.
Architect—H. C. Baumann, 251 Kearny St.

Contract Awarded.
ALTERATIONS Cont. Price, \$50,000
SAN JOSE, Santa Clara Co., Cal. Santa Clara St., bet. Second and Third St.
Alterations to present two-story brick building (2 stores and 4 apts.)
Owner—Mr. Rampone.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Contractor—O. T. Tellifson and G. E. Baker, 78 N-34th St., San Jose.
Plans were revised for a smaller job

Preliminary Plans Being Prepared
APT. BLDG. Cost, \$25,000
OAKLAND, Alameda Co., Cal. Lennex Ave. E Montecito.
Three-story and basement frame and stucco apt. bldg.
Owner—Coit Investment Co.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

Plans Being Prepared.
APT. BLDG. Cost, \$65,000
STOCKTON, San Joaquin Co., Cal.; N. Oak and Commercial streets.
Three-story brick apartment building (4 apts.); composition roofing, hardwood floors, tile bath rooms, pressed brick front).
Owners—Mrs. Ellen and Mrs. Bloom Stockton.
Architect—None.
Contractor—L. S. Peletz, 619 E Miner St., Stockton.

Plans Complete
APARTMENTS Cost, \$85,000
MANILA, P. I.
Three-story Class A steel frame and concrete apartment building six 5-room apts.)
Owner—Dr. Knedler, Manila, P. I.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.
Plans are now in owner's hands and bids will be called for shortly.

Plans Being Prepared
P.T. BLDG. Cost, \$35,000
AKLAND. Alameda Co., Cal. 35th St.
 and Telegraph Ave.
 two-story frame and stucco apt. bldg.
 12 2-and 3-room apts.)
 Owner—Harry Fitzgerald.
 Architect—Leonard H. Ford, 1435 Har-

LONG BEACH. Los Angeles Co., Cal.
 Omar H. Hubbard, 310 W. Broadway,
 Long Beach, has purchased site at 429
 W. Broadway for Class A store and partit-
 tioned building which he will erect this
 fall. The property is 50x150 feet. The
 new buildings will be seven stories or
 more in height and of steel frame con-
 struction. John and Donald B. Parkin-
 son, 420 Title Insurance Bldg., Los An-
 geles, were the architects for the pres-
 ent Omar H. Hubbard Building at 310
 W. Broadway, Long Beach.

BONDS

SANTA MONICA. Los Angeles Co., Cal.
 Board of Education has employed Pro-
 fessors O. R. Hull and Willard S. Ford
 of the University of Southern California
 to make survey of school system and to
 make recommendations as to new build-
 ings needed. The board plans to submit
 a bond election to the voters this spring.

SACRAMENTO. Cal.—Until April 23,
 bids will be received by county super-
 visors for purchase of \$85,000 bond issue
 of Washington School District; proceeds
 of sale to finance school improvements.

ELKO. Nevada—School trustees con-
 template erection of new junior high
 school to relieve crowded conditions in
 present schools. Funds will probably be
 raised through a bond issue.

SACRAMENTO. Cal.—Until April 23,
 bids will be received by county super-
 visors for purchase of \$45,000 bond issue
 of Fair Oaks School District; proceeds of
 sale to finance erection of new school,
 plans for which are being completed.

LOMPOC. Santa Barbara Co., Cal.—City
 plans election to vote bonds for the erec-
 tion of new city hall

SAN RAFAEL. Marin Co., Cal.—Elec-
 tion will be held April 27 in American
 Valley Joint Elementary School District
 to vote bonds of \$8000 to finance erec-
 tion of new school. Previous election car-
 ried but proceedings were declared invalid.
 Trustees of the district are: Peter Beau-
 chi, L. C. McDonnell and E. J. Cunning-
 ham.

CORTE MADERA. Marin Co., Cal.—
 Proposal to issue bonds of \$25,000 to
 finance erection of new town hall was
 defeated by vote of 146 in favor and 136
 against. Two-thirds majority required
 to carry the proposition.

NATIONAL CITY. San Diego Co., Cal.
 Establishment of a new junior high
 school district was assured at election
 by a vote of 1052 to 238 in favor of au-
 thorizing the high school board of trus-
 tees to call an election to vote bonds for
 the erection of junior high schools at
 National City, San Ysidro and Chula
 Vista.

VENTURA. Ventura Co., Cal.—Elec-
 tion will be held May 15 in San Buena-
 Ventura School District to vote bonds of
 \$100,000 to finance erection of new
 schools.

Merced, Merced Co., Cal.—County su-
 pervisors sell \$25,000 bond issue of Los
 Banos School District for premium of
 \$4200; proceeds of sale to finance school
 improvements.

CHURCHES

Contract Awarded
CHURCH BLDG. Cost, \$18,790
SACRAMENTO. Sacramento Co.; 24th &
 K Streets.
 One-story frame and hollow tile church
 building (seating capacity 300).
 Owner—Reorganized Church of Latter
 Day Saints.
 Architect—Eugene Seadler, Mitau Bldg.,
 Sacramento.
 Contractor—Ed. R. Beebe, 2506 21st St.,
 Sacramento.

Preliminary Plans Completed.
CHURCH Cost, \$—
REDWOOD CITY. San Mateo Co., Cal.
 One-story and balcony frame and stucco
 church building (seating capacity,
 250)
 Owner—Christian Science Society of Red-
 wood City.
 Architect—Henry H. Guttererson, 526
 Powell St., San Francisco.

Plans Approved. Cost, \$40,000
CHURCH
VALLEJO. Solano Co., Cal.
 One-story brick church building.
 Owner—First Church of Christ Scientist.
 Architect—Henry H. Guttererson, 526
 Powell St., San Francisco.
 Bids will be called for shortly.

Plans Being Figured. Cost, \$140,000
CHURCH
OAKLAND. Alameda Co., Cal. Twenty-
 ninth and Fairmont Aves.
 One and two-story reinforced concrete
 church building.
 Owner—First Christian Church.
 Architect—W. H. Weeks, Hunter-Dulin
 Bldg., San Francisco; 1736 Franklin
 St., Oakland, and 246 S-First St.,
 San Jose.
 Bids will be opened about May 1st.

Plans Ready for Bids April 25th. Cost, \$50,000
CHURCH
RENO. Washoe Co., Nevada.
 One-story reinforced concrete church
 building with tile roof.
 Owner—Trinity Episcopal Church.
 Architect—F. J. De Longchamps, Gazette
 Bldg., Reno, and 523 Market St., San
 Francisco.

BAKERSFIELD. Kern Co., Cal.—Arch-
 itect Robert H. Orr, 1300 Corporation
 Bldg., Los Angeles, preparing plans for
 3-story Sunday school for Methodist
 Episcopal Church; will contain assembly
 hall to seat 400, kitchen and dining room
 facilities to accommodate 300, approx-
 imately 15 Sunday school rooms, stage,
 dressings rooms, complete gymnasium,
 etc; brick construction; cost \$80,000.

WOODLAND. Yolo Co., Cal.—J. G. Mon-
 tron, Woodland, at \$6300 awarded con-
 tract by St. Luke's Episcopal Church to
 erect new parish hall. Will be brick con-
 struction.

Plans Ready For Bids In One Week. Cost, \$27,000
CHURCH
STOCKTON. San Joaquin Co., Cal.—
 Miner and Sierra Nevada Streets.
 Two-story brick church (Sunday school
 and social rooms).
 Owner—East Side Presbyterian Church.
 Architect—Davis-Pearce Co., Grant and
 Weber Sts., Stockton.

TURLOCK. Stanislaus Co., Cal.—Neil
 & Wirtner, Turlock, at approx. \$50,000
 awarded contract to erect Beulah Taber-
 nacle; steel and concrete construction;
 main auditorium will seat 900 in addition
 to gallery.

SANTA MONICA. Los Angeles Co.,
 Cal.—First Methodist and Grace Method-
 ist Churches of Santa Monica have con-
 solidated and propose construction of
 new edifice at California Ave. and 16th
 St. An architect has not yet been re-
 tained. Harry W. White and Horace B.
 Eilers are pastors of the two churches,
 and W. A. Armacost, of Santa Monica,
 is chairman of the executive and build-
 ing committee.

LA VERNE. Los Angeles Co., Cal.—
 Architect Robt. H. Orr, 1300 Corporation
 Bldg., Los Angeles, preparing plans for
 school for Church of the Brethren.
 Cost, \$100,000. Reinforced concrete con-
 struction.

REDWOOD CITY. San Mateo Co.,
 Cal.—Redeemer Lutheran Church, rep-
 resented by Henry Witte, 266 Hopkins
 St., Redwood City, has been granted
 permit by city to erect \$4000 tile church
 at northeast corner of Clinton St. and
 Jefferson Ave.

FACTORIES & WAREHOUSES

Contract Awarded Cost \$225,000
LAUNDRY
SAN JOSE. Santa Clara Co., Cal. St.
 Johns St., bet. 14th and 15th Sts.
 One-story reinforced concrete laundry
 building.
 Owner—Temple Laundry.
 Architect—Binder & Curtis, 35 W San
 Carlos St., San Jose.
 Contractor—E. Nommenson, 28 N 1st
 St., San Jose.

As previously reported: Equipment,
 American Laundry Machinery Co., 912
 Howard St., San Francisco.

Contract Awarded. Cost, \$—
ALTERATIONS
ELMHURST. Alameda Co., Cal. Eighty-
 fifth Ave.
 Alterations to present plant.
 Owner—California Packing Corp., 101
 California St., San Francisco.
 Architect—Engineering Dept. of Owner,
 Philip Bush, Engineer.
 Contractor—R. W. Littlefield, 337 17th
 St., Oakland.

Contractor Taking Sub-Figures Cost, \$50,000
PACKING PLANT-MILL
SANTA CLARA. Santa Clara Co., Cal.
 Three-story packing plant-mill construc-
 tion.
 Owner—Rosenburg Bros. & Co., 234 Cali-
 fornia St., S. F.
 Architect—Plans by Owners.
 Contractor—Lindgren & Swinerton, Inc.,
 225 Bush St., S. F.

Plans Being Figured. Cost, \$60,000
WAREHOUSE
OAKLAND. Alameda Co., Cal. Fourth
 St. E of Harrison.
 Three-story and basement Class B rein-
 forced concrete warehouse (65x 110
 feet.)
 Owner—Oakland Wholesale Grocery Co.,
 Inc., 4th and Harrison Sts., Oakland
 Engineer—Norman B. Green, Sharon
 Bldg., San Francisco.

Plans Being Prepared
TERMINALS FOUNDATION
 Cost, \$1,000,000, for foundation work only.
SAN FRANCISCO. Block bounded by
 Bulkhead line and Laguna St., Ma-
 rina Blvd., Beach St. and Webster St.
 Reinforced concrete foundation for freight
 terminals.
 Owner—S. F. Produce and Provision
 Terminals, Financial Center Bldg.
 Engineers—Ellison and Russell, Pacific
 Building.
 Plans are in a preliminary state for a
 group of terminal buildings. Total cost
 of buildings, \$3,000,000.

“Gold Medal” Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
 time and money.

It pays to use the best Scaffolding Equipment
 whenever a Scaffold is required. The risk is
 always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
 Lessor of Suspended and Swinging Safety “Gold Medal” Scaffolding.

Contract Awarded
STEEL BUILDING Cost, \$11,000
 SAN JOSE, Santa Clara Co., Cal.—Sixth
 and Sixth Streets.
 One- and two-story reinforced concrete
 machine shop building.
 Owner: Mr. Pratt.
 Architect: White & Higgins, Ready Bldg.,
 San Jose.
 Contractor: J. Christopher, San Jose.

Contract Awarded
WAREHOUSE Cost, \$18,000
 RICHMOND, Contra Costa Co., water-
 front.
 One-story steel frame and galvanized
 warehouse, 60x140 ft.
 Owner: Petroleum Securities Co., Rich-
 mond.
 Plans by Eng. Dept. of owner.
 Contractor: Horrick Iron Works, 18th and
 Campbell, Oakland.
 Car and truck loading racks are also
 included in the contract.

Construction Started
WAREHOUSE, ETC. Cost, \$40,000
 SOUTH SAN FRANCISCO, San Mateo
 Co., Cal.—Wisconsin and Arkansas
 Streets.
 Group of steel frame and galvanized iron
 buildings (warehouse, offices, gar-
 ages, station track for distributing
 station).
 Owner: Pacific Petroleum Products Co.
 (subsidiary of Petroleum Securities
 Co., Frank R. Seaver, President).
 Architect—Eng. Dept. of owner, Outer
 Harbor, Richmond.
 Contractor: P. M. Sanford, East Rich-
 mond.

Plans Being Figured
WAREHOUSE Cost, \$——
 OAKLAND, Alameda Co., Cal.; 14th St.
 Wharf.
 Class A warehouse (4½ acre tract).
 Owner: City of Oakland Port Commis-
 sion, 424 Oakland Bank Bldg., Oak-
 land.
 Architect—Engineering Dept. of owner.
 Lessee: Rosenberg Co.
 Bids are being taken for steel rolling
 doors and will be opened April 30, 5:30
 P. M.

OAKDALE, Stanislaus Co., Cal.—Shell
 Oil Co. has purchased a half block of
 land on Southern Pacific right-of-way
 and plans to establish a distributing and
 storage plant.

Plans Being Figured—Bids Close April
23 5:30 P. M.
WAREHOUSE Cost, \$——
 OAKLAND, Alameda Co., Cal.; 14th St.
 wharf.
 One-story class A warehouse.
 Owner: City of Oakland Port Commis-
 sion, Oakland Bank Bldg., Oakland.
 Architect—Eng. Dept. of owner.
 Bids are wanted for steel sash, steel
 doors and pile driving in connection
 with above.

SAN JOSE, Santa Clara Co., Cal.—
 Representatives of the Pacific Petro-
 leum Products Co., recently organized
 subsidiary of the E. L. Doheny interests,
 are inspecting sites in the San Jose dis-
 trict on which it is proposed to erect a
 \$500,000 distributing plant. Will involve
 erection of warehouses and offices, tank
 structures, garage, etc.

ASTORIA, Ore.—Northwestern Pulp &
 Paper Co. plans immediate construction
 of 32,000,000 paper mill here. The an-
 nouncement is made by B. T. McBain,
 vice-president of the company of which
 Chas. F. Flint, New York financier, is
 president. Construction is expected to
 be started within thirty days.

LOS ANGELES, Cal.—Architects John
 P. Krummel and Walter E. Berkes, 417
 Bank of Italy Bldg., taking bids to erect
 factory, class C factory, 177x320 feet,
 Alameda Ave. and Canada St. for the Brem-
 scheid-Balke-Gallender Co. The building
 will house a phonograph record manufac-
 turing department, 115x177 feet, storage
 warehouse, 115x177 feet, paint shop,
 painting and drying rooms, offices, load-
 ing platform and a boiler room contain-
 ing an 80-hp. boiler and a hydraulic
 accumulator. Brick and concrete con-
 struction. Raised walk facing on street
 with brick division walls; cost \$100,000.

SACRAMENTO, Cal.—Southern Pacific
 Railroad Co. will undertake construc-
 tion and purchase equipment involving
 an expenditure of \$2,000,000 for the Sac-
 ramento line, where 750 freight cars
 and other locomotives of the latest de-
 sign will be constructed.

HILMAR, Stanislaus Co., Cal.—Hilmar
 Cannery, H. L. Klute, will have plans
 prepared for \$10,000 warehouse. Com-
 pany also plans purchase of equipment
 costing \$25,000.

LINDEN, San Joaquin Co., Cal.—
 Architect Albert C. Martin, Higgins Bldg.,
 completing plans for walnut packing
 house to be erected at Linden, Calif., for
 San Joaquin Valley Walnut Growers As-
 sociation, Ltd.; one-story and basement,
 80x120 ft., with concrete basement, frame
 superstructure. Bids will be called for
 April 23.

OAKLAND, Alameda Co., Cal.—La-
 tourrette-Pical Co., 57 Clementina Street,
 San Francisco, was awarded the contract

on Proposition B at \$23,118 by G. B. He-
 gardt, secy., City Port Commission, 42
 Oakland Bank Bldg., to erect superstruc-
 ture other than structural steel frame
 for Hangar No. 3 at Municipal Airport.
 Proposition B is for using Robertson
 Protective Metal.

VACAVILLE, Solano Co., Cal.—Frank
 H. Buck Co. plans early erection of
 packing plant, spur track and office
 facilities on Southern Pacific industrial
 site.
 (5647)

HIGHLAND, San Bernardino Co., Cal.—
 E. F. Mahl, Orange, has contract to
 erect a packing house at Highland on
 Pacific Ave., between Palm Ave. and

PRATT'S CONCRETE MIX

by Clarence
Sand Pratt



Tune—"It Ain't Gonna Rain No More"

Oh! We have with us this evening
 Our old friend Sandy Pratt,
 With crushed rock in his gizzard,
 And concrete in his hat.

Oh! He ain't gonna ship no more,
 no more,
 He ain't gonna ship no more
 Of his messed up rock and gravel
 To Bill Dean's lumber store.

SANDY PRATT is again.

AT RICHARDSON'S Springs.

IN BUTTE County.

WHERE THE Chico Rotarians.

ARE HOLDING.

THEIR ANNUAL birthday dinner party.

AND THE above song.

WAS SUNG.

AT THE 1926 party.

AND BILL Dean mentioned.

IN THE last line.

IS AT the head.

OF THE Diamond Match Company.

WHO SELL lumber (and sand).

LEE RICHARDSON owns the springs.

AND THEY say the water.

IS VERY beneficial.

ONLY YESTERDAY.

A FELLOW came here.

ON A pair of crutches.

AND THEY fell.

INTO THE spring.

AND THE crutches.

WALKED AWAY.

JIM TRANSPORTATION Rowray, Gen-
 eral Manager.

OF THE Sacramento Northern R. R.

IS "TRAFFIC Manager."

OF THE Sacramento Rotarians.

WHO ARE here.

IN VAST numbers.

SANDY STOPPED at Lincoln.

AND FRED Clark, President.
 OF THE Lincoln Rotary Club.
 AND WALTER Jensen, Past President.
 OF THE same club.
 ASKED SANDY.
 TO MAKE a speech.
 ABOUT SANDY'S clean sand.
 PRODUCED AT Prattrock (near Fol-
 som).
 MARYSVILLE AND Sacramento.
 PRATTCO (MONTEREY County).
 AND MAYHEW (Sacramento County).
 TOM KELLY of Chico.
 IS A "dry" goods man.
 SELLS LADIES dresses.
 AND NOT liquor.
 ANYWAY THE Rotarians.
 FROM SACRAMENTO.
 TO THE Oregon line.
 ARE HERE in droves.
 BUT SANDY.
 AS THIS goes to press.
 HAS NOT sold one carload.
 OF HIS sand or rock.
 ALTHOUGH SANDY is "rotating."
 WITH THE Rotarians.
 "I THANK you."



If Lee Richardson's springs go dry then
 the Rotarians of Northern California will
 cry. Sandy Pratt, president of the
 Pratt Building Material Company, pro-
 ducer of sand, rock and gravel, will be
 at the "Springs" again next "spring."

Church St. for Fred R. Leuschen, 70x 5 feet, hollow tile construction; cost \$5,000.

OVERNMENT WORK AND SUPPLIES

CALIFORNIA.—Allotments to imp. and maintain rivers and harbor works in California, are announced by Secretary of War Davis, as follows: Oakland harbor, 0,000; Richmond harbor, \$125,000; San Pablo Bay and Mare Island Strait, \$100,000; Suisun Bay channel, \$70,000; Crescent City harbor, \$250,000; San Rafael creek, \$65,000; San Joaquin river, \$335,000; Stockton and Mormon channels (dredging canal), \$4000; Sacramento river, 00,000.

FALLON, Nevada.—Date for opening bids to erect new Post Office at Fallon is been extended from May 1 to May 1. Bids will be opened by Supervising Architect, Treasury Department, Washington, D. C. Deposit or \$15 req. for plans obtainable from above. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Until April 24, 11 a. m., under Order No. 9636-Sac. 42 bids will be received by U. S. Engineer office, 85 2nd St., to fur. and del. regular harf, Sacramento, various quantities and sizes of ship's or marine manila rope. Further information obtainable from above.

SAN FRANCISCO.—Until April 24, 11 a. m., under Order No. 9637-Sac. 42-St. 7, bids will be received by U. S. Engineer office, 85 2nd St., to fur. and del. regular harf, Sacramento or Stockton, miscellaneous hardware. Further information obtainable from above.

COCO SOLO, C. Z.—Newport Contracting and Engineering Co., Inc., Law Bldg., Newport News, Va., awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect seaplane hangar at Coco Solo, under Specification No. 5569, bidding \$163,500 items 1 and 2b.

SAN DIEGO, Cal.—Robert E. McKee, Central Bldg., Los Angeles, at \$83,600, under Specification No. 5570, awarded contract by Bureau of Yards and Docks, Navy Department, to erect seaplane hangar at San Diego, items 1 and 2b being accepted.

SAN FRANCISCO.—Appropriation of \$1,284,000 for improvements in the San Francisco harbor has been made by House Rivers and Harbors Committee, according to word from Washington. The channel through the outer bay will be widened and deepened and several dangerous rocks will be blasted. The channel, now 43 ft deep through the outer bay, will be deepened to 45 ft. and widened from 2,000 to 2,500 ft. Blossom Rock, near Goat Island, formerly the most dangerous in the bay and cause of several shipwrecks, is to be reduced 30 or 40 ft. under water. Removal of or lessening the danger of Presidio shoal, Rincon reef (inner and outer harbor) and Alcatraz shoal are included in the improvements.

BENICIA, Solano Co., Cal.—The Anchor Post Fence Co., 761 Bryant St., San Francisco, at \$393 was awarded the contract for fencing cemetery at Benicia Arsenal, by constructing quarter-master Fort Mason, San Francisco.

PEARL HARBOR, T. H.—W. J. Burke, 200 Davis street, San Francisco, was

awarded the contract by C. A. Blume, 1001 6th Ave., San Francisco, in connection with the construction of the steam generating plant, under construction at the Submarine Base, Pearl Harbor, for the U. S. Government.

WASHINGTON, D. C.—Until April 30, 2 P. M., bids will be received by Chief Clerk, Department of Commerce, 19th and Pennsylvania Ave., N. W., Washington, D. C., to establish airway beacons and intermediate landing field equipment on San Francisco-Redding section of the San Francisco-Seattle Airway and on San Francisco-Blue Canyon section of San Francisco-Salt Lake Airway. Plans and further information obtainable from above office. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Until April 27, 10:30 a. m., under Schedule No. 1870, bids will be received by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): metal roofing, electric refrigerators, platform scale, trench pumps, pipe-pushing jack, chain blocks, refractors, creosoted yellow pine or Douglas fir piles and lumber, and untreated lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

PORTLAND, Ore.—Until April 30, 11:55 a. m. bids will be rec. by District Forester, New Postoffice Bldg., to fur. 4 track-laying type tractors equipped with 2-speed double drums and lines combined weight of each unit to be 9000 to 11,000 lbs.; and bids for 4 similar tractors each of approximately 5000 lbs. weight unequipped with drums and lines. See call for bids under official proposal section in this issue.

SAN LUIS OBISPO, Cal.—R. E. Burdund, Rodeo St., Beverly Hills, awarded contract by Adjutant General R. E. Mittelstaedt to erect post exchange building 24 by 60-ft. at National Guard Training Camp. Will be frame construction.

SAN LUIS OBISPO, Cal.—R. E. Burdund, Rodeo St., Beverly Hills, awarded contract by Adjutant General R. E. Mittelstaedt to construct concrete swimming pool, 50 by 100-ft. in connection with National Guard Military Training camp.

WASHINGTON, D. C.—Until April 27, 10:30 A. M., under Schedule No. 1870, by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Metal roofing, electric refrigerators, platform scale, trench pumps, pipe-pushing jack, chain blocks, refractors, creosoted yellow pine or Douglas fir piles and lumber, and untreated lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Until May 2 10:30 a. m., under Schedule No. 1872, bids will be received by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): iron, steel copper, bronze, pipe, brake shoes, strap iron, monel metal, zinc, wire rope, wire, manila rope, marine, firebrick, crucibles, tarred felt roofing, files, drills, stocks and dies, reamers, nails, pipe cutters, wrenches, vises, door locks, shovels, snips, solder, tires, hose, pipe covering, boiler lagging, whitening, white Portland cement, foundry blacking, calcimine, calcium chloride window curtains, steel tables, transfer cases, unsensitized blueprint paper, etc. Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Sta-

tions, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

- Sch. 8847, western yards, composition pipe fittings, May 1.
- Sch. 8854, western yards, hinges, May 1.
- Sch. 8855, western yards, chain, coil, jack, plumbers' etc. May 1.
- Sch. 8860, Mare Island, 60 urinals, May 1.
- Sch. 8868, Puget Sound, 60 rolls template paper, May 1.
- Sch. 8872, Mare Island, parts for motor boat gasoline engines. May 1.
- Sch. 8873, Mare Island, parts for motor boat gasoline engines. May 1.
- Sch. 8878, Mare Island, 235 brass oil gages; Puget Sound, 40 do. May 1.
- Sch. 8884, Mare Island, 27 valve reseating outfits. May 1.
- Sch. 8897, Mare Island, 12,000 lbs. linoleate manganese. May 1.

PACIFIC COAST.—Rogers bill authorizing expenditure of \$15,000,000 for veterans' bureau facilities has been passed by the House, according to word from Washington. The funds will be expended at the following locations: Palo Alto, Cal., \$240,000; American Lake, Wash., \$220,000; Philadelphia, \$3,000,000; Walla Walla, Wash., \$250,000; Kansas City, Mo., \$1,300,000; Tucson, Ariz., \$260,000, and Sheridan, Wyo., \$100,000.

FALLON, Nevada.—Following is a list of prospective bidders to erect postoffice building, bids for which will be opened by Supervising Architect, Treasury Department, Washington, D. C., May 1: Scutier & McDonald, Inc., 1725 Webster St., Oakland, Calif.

George A. Whitmeyer & Sons Co., Ogden, Utah.

Hiram Lloyd Building and Construction Co., 1608 Syndicate Trust Bldg., St. Louis.

Charles Weitz's Sons, 713 Mulberry St., Des Moines, Iowa.

J. H. Wiese, W. O. W. Building, Omaha, Neb.

A. M. Lundberg, 208 North Broadway, St. Louis.

Wm. MacDonald Construction Co., Syndicate Trust Building, St. Louis.

Fred R. Combs Co., 2113 Chicago Ave., Minneapolis, Minn.

W. D. Lovell, 1415 8th St. S. E., Minneapolis, Minn.

English Construction Co., 1311 H St. N. W., Washington.

HALLS AND SOCIETY BUILDINGS

To Be Done By Day's Work.
CLUBHOUSE Cost, \$—
SEBASTOPOL, Sonoma Co., Cal.
One-story frame and stucco clubhouse (20 by 30 feet).
Owner—Sebastopol Camp Fire Girls.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Planned
CLUB HOUSE-GOLF COURSE Cost \$—
VALLEY OF THE MOON, Sonoma Co. (Jack London Ranch).
Three-story frame and stucco club house and 18-hole golf course (1050 acres).
Owner—Mrs. Charmaine London.
Plans by John Henry Auen.
Agents—Leonard & Co., 343 Kearny St., San Francisco.

Preparing Working Drawings.
CLUB BLDG. Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Tenth Street.
One and two-story frame and stucco club building (auditorium seating capacity 670).
Owner—San Jose Women's Club.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Plans will be ready for bids in 30 days.

Contract Awarded
SORORITY HOUSE Cost, \$25,000
BERKELEY, 1749 LeRoy Ave.
Three-story frame and shingle 20-room sorority house.
Owner—Phi Omega Pi, 2427 Channing Way, Berkeley.
Architect—E. Regde Hardman, Berkeley Bank Bldg., Berkeley.
Contractor—E. S. Henderson, 2108 Shattuck Ave., Berkeley.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

LOS ANGELES, Cal.—Masonic Temple As an (William) Fisher, in charge of building, is planning the erection of a clubhouse, the height and type of construction of which is not determined. Plans are now under way for financing construction of same. An architect has not been selected.

LODI, San Joaquin Co., Cal.—Masonic Lodge rejects proposal to lease Mokeyanne Club quarters in Lodi Bank Building and contemplate forming building association to finance erection of modern Masonic Temple.

HOLLYWOOD, Los Angeles Co., Cal.—Architects Weston and Weston, 1610 Cosmo St., preparing plans for 3-story class clubhouse to be erected on Highland Ave. near Camrose St., for the Hollywood Post No. 49 of the American Legion; reinforced concrete construction, concrete exterior and interior walls, 80x180 feet; cost \$175,000.

RED BLUFF, Tehama Co., Cal.—Richfield Farm Bureau, will raise funds to finance erection of community hall, to be 60 feet. H. E. Syll is chairman of the Building Committee.

SANTA MARIA, Santa Barbara Co., Cal.—Until 10 a. m., May 7, bids will be received by county supervisors to erect addition to hospital, at Santa Maria. Plans obtainable from O. C. Marriott & Co., 120 W. Church St., Santa Maria, and county clerk at Santa Barbara. Deposit of \$10 to be refunded.

HOSPITALS

Sub-Bids Being Taken
HOSPITAL Cost, \$25
FRESNO, Fresno Co., Cal. Villa Addition.
Three-story and basement reinforced concrete hospital, plaster exterior.
Owner—Sisters of Holy Cross, South Bend, Ind.
Architect—Alfred I. Coffey, Phelan Bldg., San Francisco.
Contractor—Barrett & Hlp, 918 Harrison St., San Francisco.
Construction has been started.

Commissioned to Prepare Plans
HOSPITAL BLDG. Cost, \$100,000
GILROY, Santa Clara Co., Cal. Alameda bounded by 5th, 6th, Carmel and Princeville Sts.
Community Hospital building, (height and type of structure not decided).
Owner—Wheeler Community Hospital Association.
Architect—W. H. Weeks, Hunter Dulin Bldg., 1736 Franklin St., Oakland, and 246 So. 1st St., San Jose.
Among those interested in promoting the project are: Geo. A. Wentz, Dr. Elmer J. Chesbro and L. W. Wheeler. (953) 1st report Sept. 26, 1928. 9

Contract Awarded
DORMITORY Cont. price \$44,205
NEAR LIVERMORE, Alameda Co., Cal. Del Valle Farm.
Two-story Class A dormitory building (accommodations for 25 children and isolation wing).
Owner—Alameda County (Tuberculosis Assn.), 121 E-11th St., Oakland.
Architect—Henry H. Meyer, Kohl Bldg., San Francisco.
Contractor—The Minton Co., Palo Alto.
Contract was awarded on the following alternate propositions:

Alt. (2) add \$275 for tile instead of cement plaster in certain toilets, baths, and janitor closets; (3) add \$500 for tile instead of cement plaster in wainscot in boys' and girls' toilets, etc.; add \$324 for tile instead of cement plaster in wainscot in locker rooms; (6) \$800 for use of metal bath in place of sheet rock wall board; (8) add \$228 for painting instead of tinting plaster for Alt. 6; (9) add \$85 for N. P. finish for plumbing fixtures changed to chromium.

NEAR MONTEBELLO, Los Angeles Co., Cal. Architect Paul J. Duncan, 703 Pacific National Bank Bldg., Los Angeles, completes prel. plans for 2-story & basement class B rest home for aged people, to be erected in Montebello Park, north of Beverly Blvd. and east of Garfield Rd., near Montebello, for the Southern California Rest Haven, Inc.; the proposed building will care for 150 people and will include a recreation room, kitchen and dining room, facilities for 200, offices, toilets and 150 rooms with toilets and bath. 600 and 1000 construction.

clay tile roofing, there will also be a complete hospital in connection with the building, the cost of this building, which is the first and of the institution, will be \$20,000, and there is planned for future erection buildings that will care for about 100 people. The site contains 6 1/2 acres and will be completely landscaped.

RENO, Nevada. Dominican Sisters, operating St. Mary's Hospital, plan campaign to raise \$250,000 to finance erection of a new hospital with capacity of from 60 to 65 beds.

SANTA ROSA, Sonoma Co., Cal.—County supervisors on recommendation of Dr. S. S. Bogle, county physician, orders preparation of plans for two additional wings at county hospital; will be approx. 30 by 50 ft., each with capacity of twelve beds. Surveys are being made by County Surveyor E. A. Pugh.

RIVERSIDE, Riverside Co., Calif.—Architect S. L. Pillar, Riverside, estimates cost of new buildings at county hospital as follows: tubercular ward, brick construction, accommodating 58 patients, from \$75,000 to \$85,000; nurses' home, from \$45,000 to \$50,000 (5586) 9

SANTA MARIA, Santa Barbara Co., Cal.—Until 10 a. m., May 7, bids will be received by the board of supervisors of Santa Barbara County for the erection of an addition to the Santa Maria hospital building at Santa Maria. Plans may be obtained from O. C. Marriott & Co., 120 W. Church St., Santa Maria, on deposit of \$5.

PATTON, Los Angeles Co., Cal.—Until May 15, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general construction of Single Story Group at Patton State Hospital; will be one-story with reinforced concrete walls, hollow tile partitions, cement floors and tile roof. Separate bids will be received for mechanical work including plumbing, heating and electrical work. Separate bids will also be considered for electrical work and for plumbing and heating or combined bids on all three branches of the work. Estimated cost \$50,000. Geo. B. McDougall, state architect. See call for bids under official proposal section in this issue.

HOTELS

Plans Being Figured—Bids Close April 25, 5 P. M.
HOTEL Cost, \$100,000
VALLEJO, Solano Co., Cal. Sonoma and Capitol Streets.
Two-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room etc.; Spanish type).
Owner—La Casa de Vallejo (Harry Hendery and Isadore Meyers).
Architect—Slocombe & Tuttle, 337 17th St., Oakland.

Plans Being Figured.
HOTEL Cost, \$50,000
GREENVILLE, Plumas Co., Cal.
Two-story frame and stucco hotel building (30 rooms).
Owner—Harry West.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Planned
ALTER. & ADDITIONS Cost, \$—
SAN FRANCISCO, 520 Jones St.
Extensive alterations and additions to present 17-story hotel bldg.
Owner—Chas. Cerviere (Sequoia Hotel)
Architect—Not Selected.

Plans Being Figured.
HOTEL Cost, \$125,000
HEALDSBURGH, Sonoma Co., Cal.
Three miles east of Healdsburg.
Two and three-story frame and stucco hotel 75 guest rooms with private baths).
Owner and Builder—Fitch Mountain Tavern Company.

Plans by A. M. Ewing, Fitch Mountain Road, Healdsburg.
Fitch Mountain Tavern Co., A. M. Ewing and W. H. Chaney, promoters, will be incorporated with a capital stock of \$300,000 to finance the project. Will contain billiard rooms, large dining halls, ball room and lobby, 40 by 60 feet. As soon as financing arrangements are completed working drawings will be started.

Structural Steel Contract Awarded
HOTEL First unit, \$100,000 (ultimate cost, \$500,000)
SALINAS, Monterey Co., Cal.
Six-story steel frame fireproof hotel.
Owner—William Jeffery, Jeffery Hotel, Salinas.
Architect—Kump & Johnson, Rowell Bldg., Salinas.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Structural Steel—Pacific Rolling Mill Co., 1200 17th St., San Francisco.

Plans Being Figured
Bids Close April 30th Cost, \$125,000
HOTEL
OAKLAND, Alameda Co.
Six-story Class C brick hotel building (100 rooms).
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Mill Work Contract Awarded
HOTEL Cost, \$800,000
SAN FRANCISCO, S Turk Street near Leavenworth St.
Twelve-story Class T hotel building (1500 rooms).
Owner—San Francisco Y. M. C. A.
Architect—Frederick H. Meyer, 732 Market St., San Francisco.
Contractor—K. E. Parker, 185 South Park San Francisco.
Mill Work—National Mill & Lumber Co., 320 Market St.
Other awards prev. reported.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Saturday, April 21, 1928

ATASCADERO, San Luis Obispo Co., Cal.—Grading has been started in connection with 40-room hotel and six stores. Wm. Kuhlberg; will be 106 by 114-ft. lot. cost \$60,000.

INDIO, Riverside Co., Cal.—Mark Daniels, Administration Bldg., Bel-Air, preparing plans for the Biskra Hotel and bungalows to be erected near Indio for the Biskra Hotel Co., according to announcement by Chas. H. Jones, 650 S. and Ave. In addition to the main building to contain 50 guest rooms, there will be a number of bungalows to contain 100 additional rooms and several groups of shops. J. B. Lippincott Co., Los Angeles, has been retained as engineers; cost, \$1,000,000.

PHOENIX, Ariz.—Pacific Hotels Company has been reorganized by Geo. L. Johnson, of Phoenix, and will resume work at once on the construction of the Roosevelt Hotel at Central Ave. and First St., Phoenix. The structure will be built to the eighth floor level by the original contractors. It will be 16 stories in height, and in addition to large lobby, service quarters, swimming pool and garage, will contain 329 guest rooms; reinforced concrete construction.

ICE AND COLD STORAGE PLANTS

OAKLAND, Cal.—Following bids received by county supervisors to fur and install ice plant at county jail: Frigilaire (their spec.), \$1380; Edwards Ice Machine & Supply Co. (county spec. amplified), \$1620; Bender Ice Mach. Co. (county spec.), \$1625; Baker Ice Mach. Co. (county spec.), \$1797; York Ice Mach. Co. (county spec. amp.), \$2143.

Plans Approved
COLD STORAGE PLANT Cost, \$250,000
WATSONVILLE, Santa Cruz Co., Cal. Beach Road (150,000 sq. ft.)
One-story reinforced concrete cold storage plant, 300x500 ft.

Owner—Apple Growers Cold Storage Co.
Engineers—Uttley & Kleindinst, 354 Hobart St., Oakland.
Segregated bids will be taken in 10 days. Specifications previously reported.

OAKLAND, Alameda Co., Calif.—The Edwards Ice Machinery and Supply Co., 5749 Landregan St., Oakland, at \$16,000 was awarded contract by Alameda County supervisors to furnish and install ice plant at the County Jail.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 p. m., May 1, bids will be received by water and power commission for oil circuit breakers, under specifications P-516. Jas. P. Vroman, secretary.

STOCKTON, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 245 Market St., San Francisco, will expend \$43,046 to place overhead lines underground and replace a portion of underground lines.

LOS ANGELES, Cal.—Until 3 p. m., April 27, bids will be received by water and power commission for 35,000 volt cables, under specifications P-520. Jas. P. Vroman, secretary.

LOS ANGELES, Cal.—Until 3 p. m., April 24, bids will be rec. by water and power commission for rubber covered wires and cables under Spec. U. A. Adv. P-531. James P. Vroman, secretary.

LOS ANGELES, Cal.—Kelman Electric & Mfg. Co. was awarded cont. by water and power commission at \$46,047 f. o. b. factory, 1560 Naud St. for 6000-ampere, 110,000-volt, 3-pole, single throw, indoor with outdoor brushings, automatic remote control, oil circuit breakers, Adv. No. P-505.

LOS ANGELES, Cal.—Until 3 p. m., April 27, bids will be rec. by water and power commission for street lighting transformers. Spec. P-525. James P. Vroman, secretary.

CRESCENT CITY, Del Norte Co., Cal.—Hobbs, Wall Co., plans early erection of \$100,000 power plant in connection with lumbering activities. Will have 750-kilowatt capacity.

PUBLIC BUILDINGS

BEVERLY HILLS, Cal.—City votes bonds of \$100,000 to finance erection of new fire stations and purchase of additional fire fighting equipment.

SEATTLE, Wash.—Architect Henry Bittman and John L. McCauley, associated, Securities Bldg., Seattle, commissioned to prepare plans for \$1,500,000 addition to County-City Building to be erected in Seattle for King County and City of Seattle. Plans will provide for 5-story addition to present six-story structure.

SAN FRANCISCO—Board of Fire Commissioners has prepared preliminary reports covering \$2,000,000 expenditure for extensions to high pressure water system and erection of new firehouses in various sections of the city.

REDONDO, Los Angeles Co., Cal.—Bonds of \$50,000 voted to erect new municipal library.

LONG BEACH, Los Angeles Co., Cal.—City council has authorized employment of Maj. Chas. T. Leeds of the firm of Leeds & Bernard, Los Angeles, as consulting engineer to pass on plans for new municipal auditorium and horseshoe pier proposed to be erected if bond issue of \$2,800,000 is voted at the election to be held May 1.

SAN DIEGO, Cal.—County supervisors propose to finance erection of new courthouse without a bond issue. It is proposed to utilize funds provided in tax levy for imp. of highways for construction of the building. It is thought that \$400,000 would be made available through this procedure.

WILLOWS, Glenn Co., Cal.—A. F. Kronshen, Orland, at \$1836.50 awarded contract by county supervisors to erect branch county library at Hamilton City.

SACRAMENTO, Cal.—Fire Chief M. J. Dunphy urges erection of new fire station at Sixth Ave. and Stockton Blvd. The structure will be financed out of current revenue or bond issue.

SACRAMENTO, Sacramento Co., Cal. Heinsbergen Decorating Co., 3342 W 10th St., Los Angeles, at \$5,000 was awarded the contract by the State Department of Public Works, for painting and decorating work in the new State building.

RESIDENCES

April 18, 1928

Plans Being Revised.
RESIDENCE Cost \$25,000
BERKELEY, Alameda Co., Claremont Court.

Two-story and frame stucco residence (10-rooms).
Owner—Mrs. W. R. L. Campbell, 2815 Claremont Court, Berkeley.
Architect—Benj. McDougall 353 Sacramento St., San Francisco.
Plans will be ready for bids in about one week.

Contract Awarded.
RESIDENCE Cost, \$12,000
NORTH BERKELEY, Alameda Co., Cal. Tallac Road.
Two-story frame and stucco residence (9 rooms and 2 baths).
Owner—K. C. Cortez.
Architect—Edwin L. Synder, 2108 Addison St., Berkeley.
Contractor—Ben Pearson, 1808 Channing Way, Oakland.

Contract Awarded.
RESIDENCE Cost, \$15,000
PALO ALTO, Santa Clara Co., Cal. Crescent Park.

Two-story rustic residence (7 rooms and 2 baths).
Owner—J. T. O'Brien.
Architect—D. A. Jaekle, 395 Justin Drive San Francisco.
Contractor—James Burke, 1494 Guerrero St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$13,000
LOS GATOS, Santa Clara Co., Cal.

Two-story frame and stucco residence.

Owner—Jewell Brown.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

Plans Being Figured—Bids Close April 21
RESIDENCE Cost, \$15,000
OAKLAND, Alameda Co., Cal. St. James Wood.

Two-story frame and stucco residence (9 rooms and 2 baths).
Owner—J. W. O'Neill, Central Bank Bldg., Oakland.
Architect—W. E. Schirmer, 700 21st St., Oakland.

Work Started
RESIDENCE Cost, \$16,000
HILLSBOROUGH, San Mateo Co., Cal. One-story frame and stucco residence (6 rooms).
Owner—Henry Sierote.
Architect—Bolles & Schroepfer, 681 Market St., S. F.
Contractor—R. Glaze, Hearst Bldg., S. F.

Nearing Completion
RESIDENCE Cost, \$120,000
YOUNTVILLE, Napa Co., Cal.
Three-story frame and stucco residence. (17 rooms).
Owner—Victor Straglia, 649 Green St., San Francisco.
Plans Prepared by owner and contractor.
Contractor—S. Rasori, 270 Tehama St., San Francisco.

Bids Opened
RESIDENCE Cont. Price \$11.17
OAKLAND, Alameda Co., Cal. Indian Road.
Two-story frame and stucco residence (6 rooms and 3 baths).

Owner—Ray Wilson.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
Low Bidder—Irwin Reimers, 12 Wildwood Ave., Oakland.

Other bidders were: Dudley De Velbiss, Oakland, \$11,370; J. E. Wheeler, Oakland, \$11,903; A. Cedarborg, Oakland, \$11,994; George Maurer, Oakland, \$12,334; Lawton & Vezev, Oakland, \$12,690.

Sub-Bids Being Taken.
RESIDENCE Cost, \$100,000
HILLSBOROUGH, San Mateo Co., Cal. Two and three-story concrete, frame and stucco residence (14 rooms and 5 baths; Spanish type).
Owner—W. B. Brandt, 315 Montgomery St., San Francisco.
Architect—Clarence Tantau, Shreve Bldg., San Francisco.
Contractor—R. W. Moller, Call Bldg., San Francisco.

Working Drawings Being Prepared
RESIDENCE Cost, \$17,000
SAN RAFAEL, Marin Co., Cal. Culloden Park.

Two-story frame and stucco residence (10 rooms and 2 baths; terra cotta tile roof).

Owner—A. L. Stewart.
Architect—S. Heiman, 57 Post St., San Francisco.
Plans will be ready for bids in about two weeks.

Plans Being Completed
RESIDENCE Cost, \$20,000
SAN MATEO, San Mateo Co., Cal. Baywood Tract.
Two-story frame and stucco residence (8 rooms and 3 baths. Colonial type).
Owner—Dr. N. D. Morrison, 325 B St., San Mateo.
Architect—Clarence W. Jackson, First National Bank Bldg., San Mateo.
Contractor—Arthur Dusenberry, 442 Burlingham Ave., San Mateo.
Sub-bids will be taken in about two weeks.

Completing Plans
RESIDENCE Cost, \$10,000
HILLSBOROUGH, San Mateo Co., Brewer Tract.
Two-story frame and stucco residence (10 rooms).
Owner—Name withheld.
Architect—Clarence Jackson, First National Bank Bldg., San Mateo.
Plans will be ready for bids in one week.

Work Started
ALTERATIONS Cost, \$7,000
OAKLAND, Alameda Co., Cal. St. James Wood.
Alterations and additions to residence.
Owner—P. F. Cadman, 2414 Telegraph Ave., Oakland.
Architect—Sidney B. Noble and Arthur T. Newsom, Federal Realty Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.

Proposed Working Drawings.
RESIDENCE. Cost, \$25,000.
FIDELMONT, Alameda Co., Cal.
Two-story frame and stucco residence
(9 rooms and 2 baths).
Owner—W. H. Miller.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.
Bids will be taken in 30 days.

Plans Ready For Bids In Three Weeks.
RESIDENCE. Cost, \$25,000.
FIDELMONT, Alameda Co., Cal.
Two-story frame and stucco residence (9
rooms and 4 baths).
Owner—C. G. Abbot.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.

Plans Being Completed.
RESIDENCE. Cost, \$8,500.
MT. DIABLO, Contra Costa Co., Cal.
Two-story frame and stucco residence
(9 rooms and 2 baths; Spanish type).
Owner—Dr. Fearn, 384 Bellevue Ave.,
Oakland.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.
Bids to be taken in one week.

Working Drawings Being Prepared.
RESIDENCE. Cost, \$8,500.
FIDELMONT, Alameda Co., Cal. Indian
Road.
Two-story frame and stucco residence
(7 rooms and 2 baths; English type).
Owner—Granville Abbott.
Architect—Frederick H. Reimers, 1624
Franklin St., Oakland.
Bids will be taken for a general con-
tract in thirty days.

Plans To Be Revised.
RESIDENCE. Cost, \$35,000.
SAN MATEO, San Mateo Co., Cal. Bay-
wood.
Two-story and basement frame and
stucco residence (11 rooms, 4 baths,
3-car garage with chauffeur's quar-
ters).
Owner—Withheld.
Architect—Grimes & Scott, 217 Balovich
Bldg., San Mateo.

Contract Awarded.
RESIDENCE. Cost, \$15,000.
SAN FRANCISCO. E. Soto Ave. N.
Lopez St.
Two-story and basement frame and stuc-
co residence.
Owner—Willbur W. McKay.
Architect—W. H. Crim, Jr., 425 Kearny
St., San Francisco.
Contractor—L. Lindberg, 1 Naylor St.

Completing Plans.
Residence. \$12,000.
HILLSBOROUGH PARK, San Mateo Co.
Two-story frame and stucco residence (9
rooms).
Owner—J. D. Mindnich, 1360 Columbus
St., Burlingame.
Architect—Clarence Jackson, First Na-
tional Bank Bldg., San Mateo.
Bids will be taken in one week.

Contract Awarded.
RESIDENCE. Cost, \$20,000.
SAN LEANDRO, Alameda Co., Cal.
Broadmoor near Dutton Ave.
Two-story frame and stucco residence
(19 rooms and 3 baths).
Owner—E. L. Myers.
Architect—Chas. McCall, 1404 Franklin
St., Oakland.
Contractor—Albert Haskell, 255 Ridgeway
Ave., Oakland.

Permit Applied For.
RESIDENCE. Cost, \$12,000.
SAN FRANCISCO. NW Sanchez and
28th Streets.
Two-story and basement frame and stuc-
co residence.
Owner—Mildred and Fred Windeler, 51
South Park.
Architect—E. J. Resing, 425 Kearny St.

Contract Awarded — Sub-Bids Being
Taken.
RESIDENCE. Cost, \$25,000.
SAN FRANCISCO. Lyon St. N Pacific
Avenue.
Two-story and basement frame and
stucco residence with terra cotta
tile roof.
Owner—L. Weidenmüller, 341 Kearny
St., San Francisco.
Architect—Powers & Aluden, 605 Mar-
ket St., San Francisco.
Contractor—K. E. Parker, 135 So. Park
San Francisco.

Owner Taking Sub-Bids.
RESIDENCE. Cost, \$12,000.
WALNUT CREEK, Contra Costa Co.
Two-story and basement frame residence
(9 rooms, 2 baths; Spanish type).
Owner—Elvin Lea.
Architect—Raymond De Sanno and Lynn
Bedwell, 271 10th St., Richmond.
Construction will be started April 16th.

Low Bidder.
RESIDENCE. Cost, \$15,000.
WOODSIDE, San Mateo Co., Cal.
One-story frame and stucco residence
with tile roof (9 rooms and 3 baths).
Owner—Dexter Tight.
Architect—Henry H. Gutterson, 526
Powell St., San Francisco.
Low Bidder—Mattock & Peasey, 210
Clara St., San Francisco.

Owner Taking Figures.
RESIDENCE. Cost, \$8,000.
ALAMEDA, Alameda Co.; Fernside Dist.
One and one-half story frame and stucco
residence (6 rooms and garage).
Owner—H. C. Sneed, Jr., 1348 Park Ave.,
Alameda.
Architect—O'Brien Bros. & W. D. Peugh,
315 Montgomery St., San Francisco.

WHITTIER, Los Angeles Co., Cal.—
Gordon E. Mayer, Administration Bldg.,
Ben Mar Hills, near Burbank, preparing
plans for 2-story frame and stucco dwell-
ing for R. L. Gregg, Sr.; cost \$100,000.

BURBANK, Los Angeles Co., Cal.—
Gordon E. Mayer, Administration Bldg.,
Ben Mar Hills, near Burbank, completes
plans for ten 2-story frame and stucco
dwellings to be erected in Ben Mar Hills
for Ben Mar Hills Corp.; total cost \$150,-
000.

SACRAMENTO, Cal.—Paul Opdyke,
3239 E. Street, Sacramento, general con-
tractor, has purchased twenty lots in
Franklin Blvd., at Tenth avenue and will
erect homes costing from \$5000 to \$8000
each.

WILLOWS, Glenn Co., Cal.—Mutual
Home Builders' Association, Willows, has
started construction of seven homes to
be sold on "pay as you go" plan. Upon
completion of these structures, seven ad-
ditional homes will be erected.

CLAREMONT, Los Angeles Co., Cal.—
Architect Paul J. Duncan, 703 Pacific Na-
tional Bank Bldg., Los Angeles, comple-
ting plans for 2-story, 10-room hollow con-
crete Spanish residence to be erected on
Olive Hill, north of Foothill Blvd., near
Claremont, for Chas. Elder, Claremont;
hollow concrete wall construction, clay
tile roofing.

SCHOOLS

Commissioned To Prepare Plans.
SCHOOL. Cost, \$305,000.
OAKLAND, Alameda Co., Cal. Thirty-
eighth and Market Streets (Clausen
Lonefellow Junior High School
building, accommodations for 900
pupils).
Owner—City of Oakland Board of Edu-
cation.
Architect—John I. Easterly, 2137 Tiffen
Road, Oakland.

Commissioned To Prepare Plans.
SCHOOL. Cost, \$140,000.
OAKLAND, Alameda Co., Cal. Peralta
and Hopkins Sts.
Elementary school building (15 rooms,
seating capacity, 525 pupils).
Owner—City of Oakland Board of Edu-
cation.
Architect—Blaine & Olsen, 1755 Broad-
way, Oakland.

Electrical Engineer Appointed.
GYMNASIUM. Cost, \$90,000.
OAKLAND, Cal. McClymonds school.
Brick gymnasium building, 7 classrooms,
seating capacity 210.
Owner—City of Oakland Board of Edu-
cation.
Architect—Building and Grounds Dept.
Board of Education.
Electrical Engineer—Robert King, 267
Kingsland St., Oakland.

OAKLAND, Cal.—Until May 1, 10:45 a.
m. bids will be received by John W.
Edgemond, secty., Board of Education,
for grading in connection with admin-
istration building in Second St. bet. East
10th and East 11th Sts. Wm. Knowles,

architect, 1214 Webster St., Oakland
will be three-story reinforced concrete
construction; estimated cost of structure
\$200,000. Cert. check 10% payable
Board of Education req. with bid. Plan
obtainable from Supt. of Bldgs., 331 1st
St., Oakland, on deposit of \$10, return-
able. See call for bids under official pro-
posal section in this issue.

OAKLAND, Alameda Co., Calif.—The
following contracts were awarded by John
W. Edgemond, secty., Board of Educa-
tion, 211 City Hall, to erect Burwin
school at 64th Ave. Place northeast
Trenor St. George O'Brien, architect.
Federal Telegraph Bldg., Oakland. Will
be one-story brick and concrete contain-
ing 6 classrooms.

General Work.
A. Frederick Anderson, 1093 Longridge
Road, Oakland, \$46,444.
Awning Type Windows.
Universal Window Co., 1916 Broadway,
Oakland, \$406.

Slate Blackboards.
R. W. King, 1924 Broadway, Oakland,
\$713.

Plans Being Figured—Bids Close May 1,
10:45 a. m.

SCHOOL. Cost, \$500.
OAKLAND, Alameda Co., Cal. Foothill
Blvd. and Eighty-eighth Ave.
Two-story brick school building (East
Oakland High School).
Owner—City of Oakland Board of Edu-
cation.
Architect—Miller & Warnecke, 1404
Franklin St., Oakland.
Electrical Engineer—Robert King, 2601
Kingsland St., Oakland.

Plans Being Figured—Bids Close May 15,
10:45 a. m.
SHOP BLDGS. Cost, \$70.
OAKLAND, Alameda Co., Cal. East Oak-
land High School.
Two frame shop buildings.
Owner—City of Oakland Board of Edu-
cation.
Architect—Miller & Warnecke, 1401
Franklin St., Oakland.

Commissioned To Prepare Plans.
ADDITION. Cost, \$58,000.
OAKLAND, Alameda Co., Cal. Fifty-
fourth and Market Sts. (Santa Fe
Elementary School).
Six-room addition to present school
building.
Owner—City of Oakland Board of Edu-
cation.
Architect—H. C. Hanifin, 1404 Franklin
St., Oakland.

Commissioned To Prepare Plans.
ADDITION. Cost, \$33,000.
OAKLAND, Alameda Co., Cal. Telegraph
and Alcatraz Aves.
Four-room addition to present school
building.
Owner—City of Oakland Board of Edu-
cation.
Architect—W. E. Schirmer, 700 21st St.,
Oakland.

LAGUNA BEACH, Orange Co., Cal.—
Until 2 P. M., May 5th, bids will be re-
ceived by Laguna Beach School District
for erecting a new school. All work will
be included in the general contract.
Plans may be obtained from Nelson &
Wylie, engineers, 1103 Subway Terminal
Bldg., Los Angeles, or from G. E. Thomp-
son, clerk of the school board at La-
guna Beach, on deposit of \$25; reinforced
concrete construction; cost, \$100,000.

WILLITS, Mendocino Co., Cal.—Elec-
tion will be called shortly to vote bonds
of \$125,000 to finance erection of new high
school on 40-acre tract on the Redwood
Highway.

CHICO, Butte Co., Cal.—Until May 1,
5 P. M., bids will be received by Chas.
H. Camper, city supt. of schools, to fur-
nish and del. general school supplies in addition
to janitorial supplies, manual training
shops, etc. Complete lists of ma-
terials desired obtainable from supt. on
request.

Working Drawings Being Prepared.
SCHOOL. Cost, \$90,000.
NEAR ROSEVILLE on County Line of
Placer and Sacramento Counties.
One-story frame and brick veneer school
building.
Owner—Center Joint School District.
Architect—Frederick S. Harrison, Peoples
Bank Bldg., Sacramento.
Plans will be ready for bids in two
weeks.

day, April 21, 1928

SAN FRANCISCO.—Until May 2, 3 p. m. bids will be received by Board of Public Works to furnish and install electrical work for Portola Junior High School, located on Broadway, between Buchanan and Goettingen streets; estimated cost, \$1300. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

SAN FRANCISCO.—D. N. & E. Walter 562 Mission St., at \$320.15 submitted bid to Board of Public Works to furnish and install window and door shades in La Jr. High School in area bounded by Goettingen, Burrows, Girard and Baer streets. Other bids: W. & J. Sloane \$964.80; R. J. Buhlman Co., \$982.31; Fleet Frear Co., \$1,177.60.

FRESNO, Fresno Co., Cal.—Inland Electric Co., 814 Fulton St., Fresno, at \$325 awarded contract by Board of Education to furnish and install lighting fixtures in Theodore Roosevelt High School.

FRESNO, Fresno Co., Cal.—Inland Electric Co., 814 Fulton St., Fresno, at \$325 awarded contract by Board of Education to furnish and install lighting fixtures in L. A. Winchell School.

FRESNO, Fresno Co., Cal.—Following contracts awarded by Board of Education to erect Lafayette school of brick construction with stucco exterior to contain classrooms with administration building including medical rooms. E. W. Person, architect, Mason Bldg., Fresno: General Contract, Spec. A-1 to A-14, \$29,543. Inland Electric and Glazing, Spec. B-1 (fillwork, glass and glazing), Spec. B-2, Madary's Planing Mill, \$2860. Plumbing, Spec. "C", Barrett-Hicks Co. \$24. Heating and Ventilating, Spec. "D", Barrett-Hicks Co. \$2791. Thermostat Control, Spec. "D-1", Barrett-Hicks Co. \$793. Painting, Spec. "E", James E. Harrington, \$145. Electric Wiring, Spec. "F", Wessel Electric Co., \$3375. Finish Hardware, Spec. "H", Fresno Hardware Co., \$496. Slate Blackboard, Spec. "I", C. F. Webb & Co., \$1231.84. Folding Door, Spec. B-3, L. D. Coates, sent for Wilson Corp., \$619.

Preparing Working Drawings. Cost, \$50,000. **GNASIUM** Stanislaus Co., Cal. High School. One-story brick gymnasium building. Owner—Modesto City School District. Architect—Davis-Pearce Co., 47 N. Grant St., Stockton. Plans ready for bids in 30 days.

Plans Being Figured—Bids Close April 30th, 7 and 8 p. m. Cost, \$251,000. **ATSONVILLE, Santa Cruz Co., Cal.**—Three one-story concrete school buildings and one-story frame and stucco school building (Palm Ave. School, Elm St. and Rodriguez). Owner—Watsonville School District. Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S. First St., San Jose.

Palm Ave. School bids will be opened at 8 p. m. and Elm St. and Rodriguez opened at 7 p. m. See call for bids under official proposal section in this issue.

Plans Complete Cost, \$18,000. **SCHOOL** ELVERTA, Sacramento Co., Cal. One-story frame, stucco and brick veneer school building. Owner—Lincoln School District. Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento. Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria. Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8000. Plans will be ready for bids in about two weeks. Bids will be advertised in a few days.

VAN NUYS, Los Angeles Co., Cal.—Architect I. E. Loveless, 714 Chester Williams Bldg., Los Angeles, completing plans for two-story parochial school for Roman Catholic Bishop of Los Angeles and San Diego, St. Elizabeth's parish, Rev. Edward Keohan, pastor; will con-

tain assembly hall to seat approx. 400, classrooms, etc.; reinforced concrete construction.

IONE, Amador Co., Calif.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect four buildings comprising hospital, school, segregation and custodial buildings at Preston School of Industry, near Ione. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be brick construction, two-story in height. Will have reinforced concrete foundations and floors, frame interior partitions and roof construction—asbestos shingle roof. Est. cost \$300,000.

Alt. No. 1, Deduct if asbestos shingles are used.

Alt. No. 2, Add, for furnishing and installing slate shingles.

Alt. No. 2, Add, for installing slate shingles (shingles to be furnished by the State).

General Work

Walter J. Ochs, 405 Clark St., Fresno	\$173,235
Alt. No. 1, \$10,053; Alt. No. 2, \$8,613; Alt. No. 3, \$2298.	
Vogt & Davidson, San Francisco	\$178,274
\$7600; \$360; \$6400 deduct.	
R. W. Littlefield, Oakland	\$180,777
\$8632; \$722 deduct; \$1837.	
H. H. Henning, Stockton	\$182,152
\$10,000; \$900; \$3500.	
K. E. Parker, San Francisco	\$183,650
\$10,053; \$8650; \$2600.	
John E. Branagh, Oakland	\$184,700
\$10,100; \$8500; \$2500.	
Mahony Bros., San Francisco	\$184,811
\$10,000; \$8700; \$2000.	
Vickroy & Dodd, Stockton	\$186,986
\$10,053; \$929 deduct; \$2635.	
J. S. Hannah, San Francisco	\$188,872
\$9380; \$9000; \$2800.	
McGillivray Constr. Co., Sacto.	\$190,700
\$10,053; \$10,940; \$2600.	
J. A. Bryant, San Francisco	\$193,348
\$10,081; \$1530; \$7643 deduct.	
Schuler & McDonald, Oakland	\$193,469
\$7500; \$10,700; \$3300.	
Mathews Constr. Co., Sacto.	\$193,864
\$10,000; \$1000; \$3420.	
MacDonald & Kahn, S. F.	\$194,755
\$9153; \$8613; \$2400.	
John Simpson, Los Angeles	\$198,700
\$10,715; \$11,840; \$2750.	
Larsen & Larsen, S. F.	\$201,973
\$5520; \$680; \$3500.	
J. Colby & Son, S. F.	\$205,990
\$10,000; \$2800.	

Electrical Work

Hild Elec. Mfg. Co., 125 W. Main St., Stockton	\$4349
Latourrette-Fical, Sacramento	\$5041
Con J. Franke, Stockton	\$5256
Raddelfinger Bros., S. F.	\$5326
Matson & Seabrooke, Oakland	\$5425
Roberts Mfg. Co., Oakland	\$5500
Luppen & Hawley, Sacramento	\$5568
E. Grogan, Stockton	\$5965
R. Gould, Sacramento	\$6000
Robertson Elec. Co., Fresno	\$6000
Scott Plumbing & Elec. Co., Sacto.	\$6237
Electric Constr. Co., Fresno	\$6463
W. H. Smith, Long Beach	\$6965

Plumbing, Heating and Ventilating

J. A. Freitas, 2811 E-10th St., Oakland	\$28,500
L. H. Dallman, Sacramento	\$29,950
Scott Plumbing & Elec. Co., Sacto	\$30,445
Mechanical Constr. Co., S. F.	\$30,945
Latourrette-Fical Co., Sacto.	\$31,466
Hately & Hately, Sacto.	\$31,937
Luppen & Hawley, Sacto.	\$32,013
Stack Plumb. & Heat. Co., Sacto.	\$32,057
E. Grogan, Stockton	\$33,747
Miller Hayes Co., Stockton	\$34,500
W. H. Picard, Oakland	\$35,487
Roberts Mfg. Co., Sacramento	\$35,487
W. H. Smith, Long Beach	\$41,175

Electric, Plumbing, Heating and Ventilating

Latourrette-Fical Co., 907 Front St., Sacramento	\$35,350
E. Gnekow, Stockton	\$35,920
Luppen & Hawley, Sacramento	\$37,323
E. Grogan, Stockton	\$37,950
Brandt Bros., Stockton	\$40,743
W. H. Smith, Long Beach	\$47,050

Bids taken under advisement.

LOS ANGELES, Cal.—Until 9 A. M., April 25th, bids will be received by Board of Education to install acoustical treatment at Torrance High School. Plans obtainable at 761, Chamber of Commerce Bldg., Wm. A. Sheldon, Secretary.

RICHMOND, Contra Costa Co., Cal.—Board of Education awards contracts as follows to furnish and del. school furniture and equipment: Lockers, Worley & Co. \$7443.16; lockers: (a) 730 bell pin tumblers, Berger Mfg. Co., \$474.50; (b) 500 Miller keyless padlocks, Berger Mfg. Co., \$275;

(c) 2016 Dudley keyless padlocks, W. W. Kirk, \$1612.80; (d) 100 Dudley keyless brass face, W. W. Kirk, \$75; auditorium seats, Heywood-Wakefield Co., 1500 units, \$1845; tablet armchairs, Rucker-Fuller Co., \$2291.20; mechanical drawing tables, Sheldon Co., 56 units, \$2436; instructors' drawing tables, Sheldon Co., \$200; teachers' chairs, L. H. Schrader Co., \$429.60; teachers' desks, Rucker-Fuller Co., \$190.9; folding chairs, C. F. Weber & Co., \$376; Brentwood chairs, Dohrman Co., \$124.80; stools, L. H. Schrader Co., \$124.80; benches, C. F. Weber Co., \$133; biology tables, Sheldon Co., \$1440; instructors' lecture tables, Sheldon Co., \$592.50; chemistry tables, Sheldon Co., \$1650; students' pedestal desks, Ink Ribbon Mfg. Co., \$4391.60; bookkeeping desks, Pacific School Supply, \$203.50; typing desks, Ink Ribbon Mfg. Co., \$409.50; library equipment, McKee & Wentworth, price to be determined later.

Commissioned to Prepare Plans

SCHOOL ADDITION Cost, \$8500. **PERKINS, Sacramento Co., Cal.**: two-room addition to present brick veneer school building with tile roof. Owner—Washington School District. Architect—Eugene Seadler, Main Bldg., Sacramento.

Bonds were recently voted to finance construction of same.

CLEARWATER, Los Angeles Co., Cal.—Until 8 p. m. May 2, bids will be received by Clearwater school district to erect new building on Washington school site; addition to Roosevelt School and addition to Lincoln grammar school, Clearwater. Bids will be received for general contract, plumbing, painting, heating and electric wiring. Architects John C. Austin and Frederick M. Ashely, Chamber of Commerce Bldg., and Architect C. K. Denman, 219 Hollywood Security Bldg., associated. Plans obtainable from Architect Denman's office. Brick and concrete construction.

LOS ANGELES, Cal.—Henry W. Schlueter, 9800 Yoakum, Beverly Hills, submitted low bid on general contract to board of education April 11th at \$85,500 for addition to the Hammel Street School, Pacific Pipe & Supply Co., 1002 Santa Fe Ave., low on heating and ventilating at \$10,247, but if awarded based on alternate proposal B Coony & Winterbottom, 2425 Hunter St., would be low at \$10,099. Safety Electric Co., Culver City, low on electric wiring at \$1972. R. E. Thrane, 12 W. 54th St., low on plumbing at \$8,971, and D. Wein, 1649 Orchard Ave., on painting at \$3270. Plans by board of education architectural division. Two-story, 12-unit structure, brick and concrete construction.

FAIRFIELD, Solano Co., Cal.—Until April 24, 8 p. m., bids will be received by E. L. Dearborn, clerk, to erect manual training shop building at Armijo Union High School, Contra Costa-Sahlberg-Stafford, architects, 602 Plaza Bldg., Sacramento. Est. cost \$15,000. Clerk check 10% payable to clerk req. with bid. Plans obtainable from architects on deposit or returnable. See call for bids under official proposal section in this section.

FRESNO, Fresno Co., Cal.—Following is complete list of bids received and taken under advisement until April 16 by Board of Education to furnish and install electric light fixtures in L. A. Winchell Elementary School.

J. C. Rendler, Los Angeles, Bid No. 1, Using 14-in. glass, \$449.50; Bid No. 2, Using 12-in. glass, \$419.

Fresno Electric Co., Fresno, Bid No. 1, Using 14-in. glass, Graybar units, \$522; Jefferson units, \$487.95; Bid No. 2, Using 12-in. glass, Graybar units, \$462; Jefferson units, \$434.

Inland Light Company, Bid No. 1, Using 14-in. glass, incandescent, \$316; substituting outside brackets to No. 128 Herwig, \$300; Bid No. 2, Using 12-in. glass, incandescent, \$289; substituting outside brackets to No. 128 Herwig, \$283. (25%) 1st report March 29, 1928.

FRESNO, Fresno Co., Cal.—Following is complete list of bids received and taken under advisement until April 16 by Board of Education to furnish and install electric light fixtures in Theodore Roosevelt High School.

J. C. Rendler, Los Angeles, Bid No. 1, Using 14-in. glass, \$1,395; Bid No. 2, Using 12-in. glass, \$1,295; if bracket No. 128 Herwig is used, deduct \$291.

Fresno Electric Co., Bid No. 1, Using 14-in. glass, Graybar units, \$1,905.70; Jefferson units, \$1,800; Bid No. 2, Using 12-

BAY AREA BIDS, Jefferson units.

Redwood-Castro Valley Rd., Hayward. Bids under advisement until April 20. Following is complete list of bids received:

Clyde S. Schwartz, 222, R. 1, Hayward	\$24,800
B. S. MacIntyre, 468 Crescent St., Oakland	27,430
Jensen & Pedersen, 3443 Adeline St., Oakland	27,450
The Minton Co., Mt. View	28,491
Sullivan & Sullivan, 2653 Best Ave., Oakland	28,900
A. Frederick Anderson, 1093 Longridge Road, Oakland	29,763

BAKERSFIELD, Kern Co., Cal.—Petroleum Co., Los Angeles, at \$997 was awarded the contract by G. L. Marble, Los Angeles School District, to install lawn sprinkler system. Other bidders: Wm. Fisher, Bakersfield, \$1401.

FRESNO, Fresno Co., Cal.—Following is a complete list of bids received by Board of Education to erect Lafayette elementary school at Blackstone and Emerson avenue brick construction with covered exterior to contain nine classrooms with administration suite including medical rooms. E. W. Peterson, architect, Mason bldg., Fresno, all bids being taken under advisement until April 16.

General Construction

Geo. G. Wood, \$29,869; if two class rooms are omitted deduct \$3,924.
Carl H. Peterson, \$31,755; omit two rooms, \$27,150.
E. H. Melencamp, \$35,433; omit two class rooms deduct \$1,135.
J. G. Lehman, \$34,819; omit two class rooms deduct \$3,404.
Irwin & Hopkins, \$29,543; omit two class rooms deduct \$4,000.
W. T. Harris, \$30,920; omit two class rooms, \$26,488.

Shorb & Neads, \$28,890; omit two class rooms, deduct \$3,049.

Millwork, Glass and Glazing

Fresno Planning Mill Company, \$2,860; omit two class rooms, \$2,435.
Madary's Planning Mill, \$2,860; omit two class rooms, deduct \$457.

Plumbing-Spec. "C"; Heating-Spec. "D"; Finish Hardware-Spec. "H";

B. A. Newman Company, Spec. "C"—Plumbing, \$1,263; Spec. "D"—Heating, \$3,977; Spec. "D-1"—Temperature Control, add \$193; Spec. "D"—Omitting two class rooms, deduct \$245; Spec. "D-1"—Omitting two class rooms, deduct \$105.

Barrett-Hicks Company, Spec. "C"—Plumbing, \$1,124; Spec. "D"—Heating, \$2,791; Spec. "D-1"—Temperature control, add \$193; Spec. "D"—Omitting two class rooms, deduct \$249; Spec. "D-1"—Omitting two class rooms, deduct \$105; Spec. "H"—Finish Hardware, \$554; If black hardware is used, deduct \$30; Omitting two class rooms, deduct \$43.

Fresno Hardware Company, Spec. "H"—Finish hardware, \$531; Omitting two class rooms, deduct \$52; If Bower Barrf hardware is used deduct \$35.

W. Degen Company, Spec. "D"—Heating Johnson burners included, \$4,400; Omitting two class rooms, deduct \$244; Spec. "D-1"—Johnson Heat control, if omitted, deduct \$715.

Painting

N. W. Davis, \$1,540; Omit two class rooms, deduct \$197.

Raphael Company, San Francisco, \$2,273; Omit two class rooms, deduct \$450.
Joe Stretter, \$2,125; Omit two class rooms, deduct \$347.

James E. Harrison, \$1,485; Omit two class rooms, deduct \$180.

Electric Wiring

Wessel Electric Company, \$3,375; Omit two class rooms, deduct \$141.

Robinson Electric, \$3,600; Omit two class rooms, deduct \$125.

Valley Electrical Supply Co., \$3,572; Omit two class rooms, deduct \$150.

Fresno Electric Co., \$3,694; Omit two class rooms, deduct \$174.

Blackboard

C. F. Weber & Company, Sterling Blackboard, Celotex Bulletin Board and Cork Tack Strip, \$1,060.24; Slate Blackboard, Celotex Bulletin Board and Cork Tack Strip, \$1,231.84; Omit two class rooms, Bid No. 1, \$763.82; Omit two class rooms, Bid No. 2, \$941.72.

Section Fold Partition

The J. G. Wilson Corporation, \$619.

Preparing Working Drawings.

GYMNASTIC Cost, \$50,000
MOLISTO, Stanislaus Co., Cal. Junior College.

One-story brick gymnasium building.
Owner—Modesto City School District.
Architect—Davis-Pearce Co., 47 N-Grant St., Stockton.

Plans will be ready for bids in 30 days.

CASTRO VALLEY, Alameda Co., Cal.—Clyde S. Schwartz, Box 222, Rt. 1, Hayward, at \$24,800 submitted low bid to Castro Valley School District to erect one-story frame addition and remodel present school. Plans by C. F. Schwartz.

BAKERSFIELD, Kern Co., Cal.—Kern County High School District votes bonds of \$300,000 to finance school improvements. A \$200,000 classroom structure will be erected at Thirteenth and F Sts., additional wings will be provided at Fourteenth and F Sts., as well as new classroom units at Shafter and McFarland, the latter to cost \$55,000 each. Plans for the Shafter and McFarland Schools will be prepared by Architects Symmes & Cullimore, 10 Oleander St., Bakersfield, and will provide for brick construction of Mission type of architecture. Architect Chas. H. Biggar, Bank of Italy Bldg., Bakersfield, will prepare plans for the \$200,000 classroom structure.

CULVER CITY, Los Angeles Co., Cal.—J. V. McNeil Co., 5860 Avalon Blvd., has contract to erect Loyola college buildings at new site bet. Culver City and Playa del Rey; Thomas Franklin Power, architect, 2757 Wilshire Blvd.; faculty building will contain accommodations for 80 instructors with dining hall facilities, recreation rooms, etc. It will be 3-stories and part 4-stories. The arts building will contain a large assembly hall and 25 classrooms. It will be three stories, reinforced concrete construction with brick facing. Other buildings which will follow immediately are the administration building, commerce and finance building, engineering building, large church, dormitories, and an athletic stadium to seat 60,000 people.

OWENSMOUTH, Los Angeles Co., Cal.—B. D. Kronnick Co., 3623 Avalon Blvd., submitted low bid on general contract to Los Angeles board of education at \$178,950 to erect auditorium at Owensmouth high school site. Cooney & Winterbottom, 2425 Hunter St., low on plumbing at \$6619; Berg Heating Ventilating Co., 742 Laura St., Huntington Park, low on heating at \$17,000; American Electric Const. Co., 757 E. 9th St., low on electric wiring at \$6170; and Climax Painting & Spray Co., 204 Lissner Bldg., low on painting at \$1460. Plans by the board of education architectural division. O. W. Ott, heating engineer. Brick and reinforced concrete construction.

SAN ANDREAS, Calaveras Co., Calif.—Remington Rand Co., 39 2nd St., San Francisco, at approximately \$9000 was awarded the contract by Frank A. Meyer, president, Calaveras Union High School District, to fur. and install furniture and general equipment for school buildings. Mayo, Bissell & Co., architects, 421 Miner Ave., Stockton.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

BANKS, STORES & OFFICES

SAN DIEGO, Cal.—M. Trepte & Co. have contract to erect a two-story mezzanine story store at Seventh & C Sts. for Hamilton's Inc., 50x100 ft. reinforced concrete construction. Fred P. Allen Jr., is the architect; cost \$11,000.

LA JOLLA, Los Angeles Co., Cal.—Architects Herbert J. Mann and Thon L. Shepherd have prepared plans for branch bank building to be erected Girard Ave. and Silverado St., La Jolla for First National Trust & Savings Bank. Reinforced concrete construction with stucco and cast iron exterior and roof. Bids will be taken shortly; cost \$100,000.

Plans Being Prepared

BUILDING Cost, \$1,000,000
SAN FRANCISCO, NE Belden St. a Bush bet. Kearny and Montgomery. Twenty-story Class A bldg. (58x77 ft.). Owner—San Francisco Advertising Club Bldg., San Francisco.

Architect—Douglas Stone, 354 Hobart St., Oakland.

Bldg. will provide for offices and lot for advertising agencies, copy writers, artists, producers of direct mail, representatives of printing firms, paper manufacturers, advertising novelties, publishers and many other lines which make up the great advertising industry of today.

Contract Awarded.

STORE BLDG. Cost, \$45,000

OAKLAND, Alameda Co., Cal. Ninth St. and Broadway.

One-story steel frame and brick store building (9 stores, 100x125 feet).

Owner—Selah Chamberlain.

Architect—E. W. Cannon, 1924 Broadway, Oakland.

Contractor—S. G. Johnson, 4652 Dolores St., Oakland.

Sub-Contracts Awarded.

ALTERATIONS Cost, \$15,000

SAN FRANCISCO. No. 1053 - 55 Market Street.

Alterations and additions to building (store fronts, etc.)

Owner—F. & W. Grand Five, Ten and Twiney-five Cent Store, Inc.

Architect—Reid Bros., 105 Montgomery St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Plumbing and Heating—Dowd & Welch, 3558 16th St., San Francisco.

Plastering—Peter Bradley, 639 Brannan St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Brick and Roofing Contracts Awarded

STORE BLDG. Cost, \$15,000

OAKLAND, Alameda Co., Cal. E 14th St. near 23rd Ave.

One-story hollow tile store building (2 stores).

Owner—Lord Holding Co., 3022 E 14th St., Oakland.

Plans prepared by owner.

Brick Work—Keogh & Brigham, 108 Hamilton Place, Oakland.

Roofing—Jack Tabor.

Structural Steel Contract Awarded.

LOFT BLDG. Cont. Price, \$52,010

SAN FRANCISCO. Adjoining present building at No. 1041 Market St.

Seven-story steel frame and concrete loft building.

Owner—Weinstein Co., 1041 Market St., San Francisco.

Architect—Hyman & Appleton, 68 Post St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Structural Steel—Golden Gate Iron Wks. 1541 Howard St.

Plans Being Prepared

ALTER. & ADDITIONS Cost, \$35,000

SACRAMENTO, Sacramento Co., Cal. K Street between 8th and 9th.

Alterations and additions to present 6-story Class A bldg.

Owner—Alexander C. McLain, San Francisco.

Architect—Plans by Mr. Maloney.

Contractor—Frank Maloney Co., 3172 T St., Sacramento.

Sub-bids will be taken in about two weeks.

Plans To Be Prepared
MARKET BLDG. Cost, \$—
RICHMOND, Contra Costa Co., Cal. Macdonald Ave., bet. 12th and 13th Sts. 100 by 112½ feet.
 Two-story market building (type of construction not decided).
 Owner—Steve Barbekas, 720 Macdonald Ave., Richmond.
 Architect—Scott & Watts, Piedmont.

Plans
ALTER. & ADDITIONS Cost, \$—
SACRAMENTO, Sacramento Co., Cal.; K St. between Eighth and Ninth.
 Alterations and additions to present six-story Class A building.
 Owner—Alexander C. McLain, San Francisco.
 Architect—None.
 Contractor—Frank Maloney Co., 3172 T. St., Sacramento.

Contract Awarded
ALTERATIONS Cost, \$7457
SAN FRANCISCO. No. 1041 Market St.
 Alterations and additions to present store building.
 Owner—Weinstein Co., Premises.
 Architect—William Knowles, 1214 Webster St., Oakland.
 Contractor—Jacks & Irvine, 74 New Montgomery St., S. F.
 Work will be started in one week.

Contract Awarded
ADDITION Cost, \$19,378
SAN FRANCISCO. No. 1041 Market St.
 One-story addition to present Class C store building.
 Owner—William Ede Co., Kohl Bldg., San Francisco.
 Architect—William Knowles, 1214 Webster St., Oakland.
 Contractor—Jacks & Irvine, 74 New Montgomery St., S. F.
 Work will be started in one week.

Bids Being Taken
RET BLDG. Cont. Price, \$52,010
SAN FRANCISCO. Adjoining present building at No. 1041 Market St.
 Two-story steel frame and concrete loft building.
 Owner—Weinstein Co., 1041 Market St., San Francisco.
 Architect—Hyman & Appleton, 68 Post St., San Francisco.
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Excavating Contract Awarded
OFFICE BLDG. Cost, \$300,000
OAKLAND, Alameda Co., Cal. Fourteenth St., bet. Webster and Franklin Streets.
 One-story Class A office building, 50x100 feet.
 Owner—Income Properties of Calif., 436 14th St., Oakland.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—Chas. Heyer, Mills Bldg., San Francisco.
Excavating—Ariss-Knapp Co., 961 41st St., Oakland.

Preparing Working Drawings
STORE BLDG. Cost, \$25,000
COLN, Placer Co., Cal.
 One-story brick and hollow tile store building (4 stores).
 Owner—Chamberlain Estates (Lee Chamberlain).
 Architect—Eugene Seadler, Mitau Bldg., Sacramento.
 Plans will be ready for bids in thirty days.

LOS ANGELES, Cal.—Architects Morgan, Walls & Clements, 1134 Van Nuys Bldg., preparing plans for shop and market bldg., to be erected on north side of Sixth St., extending from Kenmore Ave. to Alexandria Ave., for Chapman Bros. Will be built around a central patio and will have frontage of 310 ft. on Sixth St., 166 ft. on Alexandria Ave., and 210 ft. on Kenmore Ave. At each corner on Sixth St. there will be a two-story tower section, 82x65 ft. There will also be a one-story warehouse, 44x125 ft. The remainder of the building will be subdivided for markets and shops; reinforced concrete walls.

Plans Ready For Bids In A Few Days
RANK Cost, \$20,000
SAN FRANCISCO. Thirty-eighth Ave. and Balboa St.
 One-story frame and stucco bank building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

Sub-Contracts Awarded
OFFICE BLDG. Cont. price, \$79,567
SAN JOSE, Santa Clara Co., Cal. W-Santa Clara St.
 Two-story concrete building (mail order house on 1st floor; offices, etc., on 2nd floor; Spanish type).
 Owner and Builder—Normander-Campen Co., 220 W-Santa Clara St., San Jose.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.
 Lessee—Montgomery-Ward.

Contractor—C. A. Thomas, 127 Clayton St., San Jose.
Lumber—S. H. Chase Lumber Co., 547 W-Santa Clara St., San Jose.
Mill Work—Pacific Mfg. Co., 710 Bellomy St., Santa Clara.
Plumbing and Sheet Metal—W. F. Serpa, 497 N-13th St., San Jose.
Plastering—Joe Provenzano, 69 N-Willard St., San Jose.
Reinforcing Steel—Pacific Steel Co., Rialto Bldg., San Francisco.

Iron Work—Hellwig Iron Works, 67 Almaden St., San Jose.
Hollow Tile and Brick—E. G. Scott, 182 N-Ninth St., San Jose.
Glass—Carlson Glass Co., Lincoln and Willow Sts., San Jose.
Weisteel Partitions and Sidewalk Lights—Dwan & Co., 534 Sixth St., San Francisco.

Roofing and Tile Roofing—W. J. Porter, 490 S-First St., San Jose.
Marble—Vermont Marble Co., 244 Brannan St., San Francisco.
Electric Wiring—Coast Electric Co., 1022 S-First St., San Jose.
Venetian Blinds—Western Venetian Blind Co., Hearst Bldg., San Francisco.
Metal Windows—San Jose Awning Co., 227 N-First St., San Jose.
Cement—Missoin Mastic Cement, Fred H. Figel, Agent, 111 W-Santa Clara St., San Jose.
Magnesite Flooring—Thos. H. Price, 80 Vine St., San Jose.
 Bids are being taken for painting and tile work.

Preparing Working Drawings
BUILDING Cost, \$25,000
UKIAH, Mendocino Co., Cal.—One-story brick newspaper plant.
 Owner—The Republican Press, Ukiah.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
 Plans will be ready for bids in two weeks.

Additional Sub-Contracts Awarded
TELEPHONE EXCHANGE \$150,000
OAKLAND, Alameda Co., Cal. Forty-ninth and Telegraph Ave.
 Two-story and basement steel frame, brick and concrete telephone exchange building.
 Owner—Pacific Telegraph & Telephone Co., 140 New Montgomery St., S. F.
 Engineer—E. V. Cobby, 140 New Montgomery St., San Francisco.
 Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Plumbing & Heating—J. Freitas, 2811 E 10th St., Oakland.
Brick Work—Reed & Reed, Hearst Bldg., San Francisco.
 Other awards previously reported.

Preparing Sketches
BANK BLDG. Cost, \$20,000
SAN FRANCISCO, Sacramento St.
 One-story frame and stucco bank bldg.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts.

LOS ANGELES, Cal.—Sol Lesser, Pac. Finance Bldg., has secured 99-year lease on property on Hollywood Blvd. bet. Hudson and Wilcox Aves. and plans building to cost \$370,000 at expiration of present leases which will be in about six months.

Preparing Working Drawings
BUILDING Cost, \$200,000
OAKLAND, Alameda Co., Cal. NW 29th and Summit Sts., (77x102); 5-story class "B" reinforced concrete medical building, (40 offices).
 Owner—Group of San Francisco businessmen (names withheld).
 Architect—Ashley, Evers & Hays, 525 Market St., San Francisco.
 Bids will be taken shortly.

WILMINGTON, Los Angeles Co., Cal.—Edwards, Wilsey & Dixon, Edwards & Wilsey Bldg., Los Angeles, awarded contract at about \$99,000 to erect two-story and basement Class B bank at Avalon

Bldv. and F St., Wilmington, for California Bank. Walker & Eisen, Western Union Bldg., Los Angeles, architects. 50x100 ft.

SAN BERNARDINO, Cal.—Architect Howard E. Jones has prepared plans for a new office building to be erected on E. St. near 6th St. for W. O. Harris and Frank J. Solt. It will be leased to the Southern California Edison Co. Frank J. Solt will be the contractor.

Preparing Working Drawings
STORE Cost, \$25,000
SAN JOSE, Santa Clara Co. The Alameda.
 Two-story frame and stucco store and office building with terra cotta tile roof.
 Owner—Charles Colombet.
 Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
 Bids will be taken shortly.

Plans Being Prepared
FITTING UP OFFICES Cost, \$30,000
SAN FRANCISCO. Russ Building.
 Fitting up offices for stock and bond exchange.
 Owner—Lilienthal-Bremer & Co.
 Architect—Kent & Hass, 525 Market St., San Francisco.
 Bids will be taken in about 2 weeks.

Sub-Contracts Awarded
BANK BLDG. Cost, \$100,000
SAN FRANCISCO. Mission and Norton Streets.
 One-story steel frame and concrete bank building.
 Owner—Hibernia Savings & Loan Society
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Plastering and Lathing—San Francisco Plastering Co., 872 Folsom St., San Francisco.
Composition Roofing—Alta Roofing Co., 225 Gough St., San Francisco.
Flagpole—A. P. Bolander Co., 954 Bryant St., San Francisco.
Leather Mat—A. C. Stelter Co., 226 11th Ave., San Francisco.
Scuttle Door—P. H. Jackson Co., 415 Bryant St., San Francisco.
 Bids are in for ornamental iron, sheet metal, steel sash and marble and will be awarded shortly. Other awards previously reported.

Work Started
AUTO. SALESROOM Cost \$—
SAN FRANCISCO, E Mission near 24th Street.
 Alterations and additions to automobile salesroom.
 Owner—Howard Auto Co., 1601 Van Ness Avenue.
 Architect—None.
 Contractor—Arthur Klahn, 1285 8th Ave.

Additional Contracts Awarded
OFFICE BLDG. Cost, \$20,000
OAKLAND, Alameda Co., Cal. Fifteenth and Harrison Sts.
 Two-story steel frame and brick Class C store and office building (8 stores and 8 offices).
 Owner—Cott Investment Co.
 Architect—Leonard H. Ford, 1435 Harrison St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Sheet Metal Work—East Bay Sheet Metal Works, 1101 Market St., Oakland.
Electrical Work—Alex Anderson, Oakland
Plumbing—W. A. Griffiths, 629 57th St., Oakland.
 As previously reported:
 Structural Steel—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco.
 Concrete—Anderson & Montgomery, Oakland.
 Brick Work—Mealey & Collins, 354 Hubbard St., Oakland.

Contract Awarded
OFFICE BLDG. Cost, \$—
VALLEJO, Solano Co., Calif. No. 700 Main Street.
 One-story reinforced concrete tile office building, 55x60 feet.
 Owner—Horan Feed & Fuel Co.
 Architect—W. A. Jones, 403 Alameda St., Vallejo.
 Contractor—S. J. Weeks, 331 El Dorado St., Vallejo.
 Other contractors submitting bids as follows: J. E. Fuller, Frank Lamb, J. Diction and George Barenchi.

Plans Being Prepared
ALBANY AND ADDITIONS Cost, \$
MONTELEONE, Monterey Co., Cal.
 Addition to existing building for
 owner, Monterey Bank.
ALBANY, Albany West Co., First National
 Bank Bldg., San Francisco.

Plans Being Prepared
OFFICE BLDG. Cost, \$50,000
SALINAS, Monterey Co., Cal.
 One and one-half story concrete store
 and office building (Mission style).
 Owner, Sumas Title Guarantee Co.
 Architect, Roller West Co., First National
 Bank Bldg., San Francisco.
 Engineer, H. J. Brunner, Crocker Bldg.,
 San Francisco.

Contract Awarded
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. Lake-
 shore and Mandana Bldgs.
 Two-story Class C brick store and office
 building.
 Owner, Julien G. Frandsen, 3433 Lake-
 shore Bldg., Oakland.
 Architect, Frederick H. Reimers, Tribune
 Tower, Oakland.
 Contractor, Dudley De Velbiss, 354 Hobart
 St., Oakland.
 Sub-bids are being taken.

FRESNO, Fresno Co., Cal.—Doctors J. H. Pettus, W. E. R. Schottstaedt, D. L. Allen, A. E. Anderson and T. F. Madden will form building association to finance erection of \$40,000 medical office structure on a site yet to be selected. The project is yet in preliminary stage.

Plans Being Figured—Bids Close May 1
OFFICE BLDG. Cost, \$50,000
ALBURN, Placer Co., Cal. N High St.
 E Placer St.
 Three-story and basement office building
 (type of structure not decided).
 Owner, Pacific Gas & Electric Co., 245
 Market St., San Francisco.
 Architect, Eng. Dept. of Owner.

Sub-Bids Wanted
BUILDING Cost, \$—
OAKLAND, Alameda Co., Cal. Four-
 teen St. bet. Franklin and Broad-
 way.
 Interior finish for 2-story and basement
 concrete building.
 Owner, William Cavalier Co., First National
 Bank Bldg., Oakland.
 Architect, Hugh White, Syndicate Bldg.,
 Oakland.
 Contractor, F. A. Muller, Syndicate Bldg.,
 Oakland.

Sub-bids are wanted as follows: Orna-
 mental iron, plastering, painting, tile
 work, marble, mill work, heating, elec-
 trical, blackboards.

Site Being Cleared
MARKET BLDG. Cost, \$750,000
OAKLAND, Alameda Co., Calif. Block
 bounded by 14th and 30th Sts., bet.
 Jefferson and Grove Sts.
 One-story class A market building (47-
 000 sq. ft.)
 Owner, Twentieth Century Market (Jas.
 G. Rohan, president).
 Architect & Contractor, Maury I. Diggs,
 Latham Square Bldg., Oakland.
 Clearing—Symon Bros. Wrecking Co.,
 1135 Market St., San Francisco.

THEATRES

Preparing Sketches
THEATRE BLDG. Cost, \$75,000
PLACERVILLE, El Dorado Co., Calif.
 Main Street.
 One-story reinforced concrete and brick
 theatre bldg. (seating capacity 750;
 Spanish type).
 Owner, Mary and Matilda O'Donnell,
 Placerville.
 Architect, Starks & Flanders, Ochsner
 Bldg., Sacramento.
 Lessee, Blumenfeld Theatre Circuit.

Plans Being Figured—Bids Close April
THEATRE Cost, \$100,000
MERCED, Merced Co.,
 Two-story class C theatre bldg., seating
 capacity 1500.
 Owner, Merced Theatre (Frank J. Al-
 bert, manager).
 Architect, Mark T. Jorgensen, 712 Mar-
 ket St., San Francisco.

Preparing Working Drawings.
THEATRES Cost, \$50,000
SAN FRANCISCO. Location Withheld.
 Time, one-story reinforced concrete
 theatre buildings (seating capacity
 300).
 Owner, Withheld.
 Architect, Willis Lowe, 354 Hobart St.,
 Oakland.
 Plans will be ready for bids in about
 two weeks. These are the first theatres
 of a group of 25 to be erected through-
 out the State.

Preparing Working Drawings
THEATRE BLDG. Cost, \$75,000
MILL VALLEY, Marin Co., Cal.
 One-story Class C concrete theatre bldg.,
 (seating capacity 1000).
 Owner—Blumfeld Theatre Circuit.
 Architect, Reed Bros., 105 Montgomery
 St., San Francisco.
 Plans will be completed in two weeks.
 It was not definitely decided whether bids
 will be called for or not.

Preparing Working Drawings
THEATRE BLDG. Cost, \$70,000
ELY, Nevada.
 One-story reinforced concrete theatre
 bldg. (seating capacity 800).
 Owner, P. W. Hull, Ely, Nevada.
 Architect—Norman R. Coulter, 46 Kearny
 St., San Francisco.
 Bids will be taken in one week.

WHARVES AND DOCKS

OAKLAND, Alameda Co., Cal.—E. T. Lesure, 87 Ross Circle, Oakland, awarded the following sub-contracts in connection with the construction of toilet partitions and toilet rooms in Grove Street Pier Shed:
Painting—C. L. Friberg, 788 Brookwood Road, Oakland.
Sheet Metal—Superior Metal Products Co., 400 Market St., Oakland.
Mill Work—Sunset Lumber Co., 2057 Webster St., Oakland.
Plumbing—L. J. Kruse, 6247 College Ave., Oakland.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—City Playground Commission will seek \$50,000 appropriation from Board of Supervisors to finance erection of field house at University Mound Park.

Preliminary Plans Being Prepared
DEPOT Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal.
 Freight and passenger depot.
 Owner—Southern Pacific Co., 65 Market St., San Francisco.
 Architect—Eng. Dept. of owner.

BEVERLY HILLS, Cal.—City votes bonds of \$20,000 to enlarge municipal incinerator.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City defeats proposal to issue bonds of \$5,000 to finance construction of concrete hillside signs to advertise city.

Plans Being Slightly Revised
MAUSOLEUM, ETC. Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal. Oak-
 Hill Cemetery.
 Reinforced concrete mausoleum and columbarium.
 Owner—Oak Hill Improvement Co., Wm. Vieth, director, Commercial Bldg., San Jose.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Architect—Roller West Co., First National Bank Bldg., San Francisco.
 It will be decided within a few days, whether bids will be called for or not.

SACRAMENTO, Cal.—Until April 23, 10 a. m., bids will be received by Harry W. Hall, county clerk, to move dwelling house, chicken house, brooder house, tool house and a portion of a barn on L. Healy property at Sacramento Blvd. and Fruitridge Rd. and constructing concrete foundations, piers, etc., place new sills, shingles, rustic, etc., construct new steps and railings, restore all light, power, water and gas connections. Cert. check \$10,000 payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk.

LOS ANGELES, Cal.—Jones & Ewens, 500 Maywood Ave., complete plans are taking bids on subcontractors for erection of a 2-story class C store and recreation building at Manchester Broadway for J. P. Branstetter and O. P. McNamee; with billiard hall and bowling alleys on second floor; brick wall, 20x12 ft. The building will be erected by day work and subcontractors and bids will be taken by the designers and engineers.

WHITTIER, Los Angeles Co., Cal.—Gordon E. Mayer, Administration Bldg. near Mar Hills, near Burbank, preparing plans for 3-story reinforced concrete mausoleum for R. L. Gregg, Sr.; 543x ft., cost \$600,000.

LONG BEACH, Los Angeles Co., Cal.—Architect Hugh R. Davies, Farmers Merchants Bank Bldg., commissioned prepare plans for 60 exposition building to be erected at Long Beach; frame and plaster construction, wood floors. The buildings will house Pacific Southwest Exposition to be held in Long Beach under the auspices of the Chamber of Commerce.

INGLEWOOD, Cal.—Election will held May 1 to vote \$150,000 bond issue imp. Centinela Park. Proposed improvements include storm drain, swimming pool, athletic field, water system, tree walks, plants and shrubbery, etc. Warren Lane is park superintendent.

OROVILLE, Butte Co., Cal.—City contemplates expenditure of approx. \$7000 establish municipal paving plant. S. Norris, city eng.

SACRAMENTO, Cal.—Until April 30, p. m. bids will be received by Chas. Hughes, secy., Board of Education, for 14,000 ft. B. M. oakwood suitable for making of furniture; to be F. A. S. grad. Cert. check 10% payable to Board of Ed. req. with bid. Further information obtainable from above.

SAN FRANCISCO—Until May 9, 2 p. m., bids will be received by State Harbor Commission, Ferry Bldg., to construct clam shell dredge and dump scow. Frank G. White, chief engineer, Ferry Bldg. Bids will be considered as follows:

Proposal A.—For detailing, constructing and delivering the clam shell dredge in accordance with the plans and specifications, built out of new materials throughout.

Proposal B.—For detailing, constructing and delivering the clam shell dredge in accordance with the plans and specifications with used machinery specially reconstructed, put in first-class condition and approved by the Chief Engineer.

Proposal C.—For delivering a new or used dredger of approximately the size and capacity called for in Item 1, but of other design and construction.

Proposal D.—For constructing and delivering two steel mud scows in accordance with the plans and specifications.

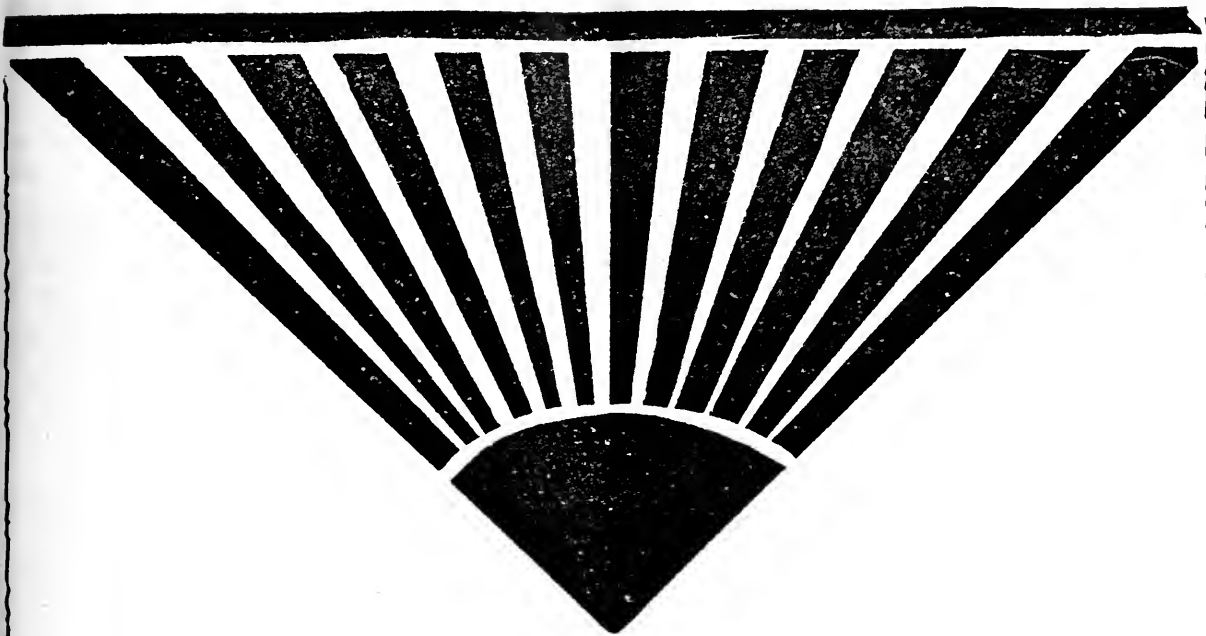
Proposal E.—For detailing, constructing and delivering two wooden mud scows of the same dimensions as the steel scows and constructed in accordance with the specifications and approved shop drawings.

Cert. check 5% payable to Mark H. Gates, Secy. of Commission, req. with bid. Further information obtainable from engineer.

VISALIA, Tulare Co., Cal.—City council contemplates bond issue for \$90,000 to finance purchase of lands and improvements for municipal airport.

SACRAMENTO, Cal.—Ten year building program at the state fair grounds has been voted by the directors of the State Board of Agriculture, providing for six major building projects in addition to a number of minor structures and improvements. The first of the six will be a new livestock building for the biennium of 1929-1930. Others will be: Fine Arts and Educational Building; Boys' and Girls' Building; Natural Resources Building; Administration Building; Polo Field.

SAN FRANCISCO—W. J. Burke, 200 Davis Street, was awarded the contract by Cahill Bros., 206 Sansome St., in connection with the construction of the six-story Class A bank and office building, being erected on the northeast corner of Pine and Leidesdorff Street. Plans were prepared by Architect Lewis P. Hobart, Crocker Building.



THE POINT IN VIEW!

WE are after your PRINTING—no matter how big or how small the job—our point in view is to satisfy our customers and make friends. As a subscriber to this paper you should have (without any regrets) your

Printing

done in the office where the DAILY PACIFIC BUILDER, the BUILDING AND ENGINEERING NEWS, and LARSEN'S ADVANCE CONSTRUCTION REPORTS are printed.

ALL WE ASK FOR IS A TRIAL!

Stark-Rath Printing & Publishing Co., Phone Kearny 1252, San Francisco

Engineering News Section

BRIDGES

EUREKA. Humboldt Co., Cal.—Until May 1, bids will be rec. by Fred M. Kay, county clerk, to const. three conc. culverts on Carlotto Bridgeville road, Frana Kelley, county surveyor. Plans on file in office of clerk.

SAN JOSE. Santa Clara Co., Cal.—City Secs. may call date to vote bonds of \$200,000 to finance const. of new bridges in various sections of city. John J. Lynch, city clerk, Wm. Pepp, city eng.

MODESTO. Stanislaus Co., Cal.—County supervisors will have estimates of cost prepared for a 3½-mi. highway and bridge across San Joaquin river bet. Grayson and Crows Landing bridge. J. H. Hoskins, county surveyor.

EUREKA. Humboldt Co., Cal.—County Surveyor Frank E. Kelley preparing plans for reinf. conc. bridge over North Fork of Mad River at Korbek.

EUREKA. Humboldt Co., Cal.—Until May 5, bids will be rec. by Fred M. Kay, county clerk, to const. conc. culvert 1. Park St., near end of Myrtle Ave., car line. Frank Kelley, county surveyor. Plans on file in office of clerk.

SAN FRANCISCO.—Chamber of Commerce has requested City and County, San Francisco and State Board of Harbor Commissioners to have plans prepared for a new bridge in Third street over the channel to replace the 22-year old hit span now in place.

SAN MATEO COUNTY. Cal.—Frank E. Webb has filed application with the San Mateo County Supervisors seeking franchise to const. toll bridge across San Francisco Bay to connect with main bld. on Bay Farm Island, Alameda county. Bridge would be 47,700 ft. in length from shore line to shore line, not less than 60 ft. wide.

SANTA ROSA. Sonoma Co., Cal.—Until May 15, 1:30 P. M., bids will be rec. by W. S. Coulter, county clerk, to const. three reinf. conc. culverts. E. A. Feugh, county surveyor. Plans on file in office of clerk.

EUREKA. Humboldt Co., Cal.—Until May 5, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, to const. three reinf. conc. culverts on county road bet. Carlotto and Bridgeville in Road Dist. No. 2. Cert. check 5% req. with bid. Plans on file in office of clerk. Frank Kelley, county surveyor.

SANTA ROSA. Sonoma Co., Cal.—Until May 15, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to const. three bridge and one culvert on Skages Springs road in 14th Sup. Dist., involv. 25,000 B. M. timber, 130 cu. yds. A conc. 20 cu. yds. excavation. Est. cost \$60,000. Plans on file in office of clerk. E. A. Feugh, county surveyor.

EUREKA. Humboldt Co., Cal.—Until May 5, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, to const. reinf. conc. box culvert and fill in Park St., near city of Eureka in Road Dist. No. 4. Plans on file in office of clerk. Frank Kelley, county surveyor.

LOS ANGELES. Cal. Union Pacific Ry. has announced through its president, Carl R. Grey, that two new bridges are to be built in Los Angeles county this year. One will span the San Gabriel river 1½ mile from Montebello and the other over the Rio Hondo ½ mile from Pico. These structures will cost about \$400,000.

SAN LUIS OBISPO COUNTY. Cal.—Until May 9, 2 p. m., bids will be rec. by State Highway Comm. to const. reinf.

conc. girder bridge over San Luis Obispo creek, 3½-mi. south of San Luis Obispo consisting of seven 28-ft. spans on concrete bents, also retaining walls, slope paving and grade and surface with water-bound macadam. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

OROVILLE. Butte Co., Cal.—Until May 9, 2:05 p. m., bids will be rec. by C. F. Belding, county clerk, to const. bridge over ravine on the Helltown road. Plans obtainable from County Engineer Harry H. Hume.

SACRAMENTO. Cal.—Until April 23, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to const. reinf. conc. culvert on east side of Haggin Grant from Auburn road, southerly. Cert. check per cent payable to Chairman of Bd. of Sups. req. with bid. Plans on file in office of clerk. Chas. Deterding, county engineer.

REDDING. Shasta Co., Cal.—Until May 9, 10 a. m., bids will be rec. by Errol A. Yank, county clerk, to const. reinf. conc. bridge over Stillwater Creek on Anderson-Shingletown road. Cert. check payable to county req. with bid. Plans on file in office of clerk.

DEL NORTE COUNTY. Cal.—Park Schramm Co., Couch Bldg., Portland, Ore., at \$170,479 awarded cont. by State Highway Comm. to const. steel cantilever bridge consisting of two 114-ft. anchor arms, two 114-ft. cantilever arms and one 152-ft. suspended span; on conc. piers and about 1.16 mi. of rdwy to be graded. Bridge will be constructed over Smith River, about 8 mi. east of Crescent City. Eng. est. \$150,799.

SHASTA COUNTY. Cal.—Noble Bros., San Jose, at \$17,960 (eng. est. \$11,532) awarded cont. by State Highway Comm. to const. reinf. conc. bridge over Boulder Creek about 4 mi. north of La Alamo, consisting of one 8-ft. 8-in. open spandrel arch span and two 20-ft. 4-in. girder approach span.

DEL NORTE COUNTY. Cal.—Following bids received April 18 by State Highway Comm. to grade and surface with crushed gravel or stone, 7.3 mi. bet. Klamath River and Wilson Creek and const. four timber bridges:
Vanderheggan, Pearson & Logan, Medford, Oregon \$260,251
J. E. Johnson, Stockton 271,619
Henry J. Kaiser, Oakland 282,071
S. H. Palmer, San Francisco 288,297
Holdener Const. Co., Sacramento 316,308
Mercer Fraser Co., Eureka 342,245
Engineer's estimate 278,281

PLUMAS COUNTY. Cal.—Following bids received April 18 by State Highway Comm. to const. two reinf. conc. girder bridges, one across Rock Creek, 4½ mi. west of Westwood consisting of two 30-ft. spans and another across Bailey Creek 7½ mi. west of Westwood, consisting of one 36-ft. span and two 22-ft. spans:
Carl S. Herziger, 50 Leo Way, Oakland \$ 9,986
J. P. Brennan, Redding 12,134
M. A. Jenkins, Sacramento 12,291
R. C. McKenzie 13
Coolidge & Scott 13,429
Holdener Constr. Co., Sacto. 14
Engineers' estimate 13,524

LOS ANGELES. Los Angeles Co., Cal.—Following bids received April 18 by State Highway Comm. to grade 1.5 mi. bet. Arroyo Sequit and Los Alisos Creek:
Lewis Constr. Co., 429 So. Spring St., Los Angeles \$44,652
S. J. Hales, Santa Ana 46.7
S. W. Glien, Los Angeles 49,231
G. J. Boch 57,833
G. L. Ritchey 58,609
Sanders and Pearson 63,222
McCray Co. 66,955
John Buic 58,833
Kahn Lang Co. 66.7
Francesco & Ellington, Inc. 58,793
Nat S. Ross 63,516
Greenwall Parson, Inc. 63,687
George Mitchell Co. 70,636
J. J. Dam 64,848
Bert Calvert 61,570
F. W. Nighbert 57,329
Roche & Axman 59,000
James Martin 73,000
Engineer's estimate 53,791

FRESNO & MADERA COUNTIES. Cal.—Following bids received April 18 by State Highway Comm. to const. bridge over San Joaquin river about 1 mi. north of Herndon, consisting of four 160-ft. deck steel spans, two 80-ft. deck plate girder spans and one 64-ft. deck plate girder span on conc. piers with pile foundations:
Carl H. Petersen, 2023 Fresno St., Fresno \$188,734
R. E. Mieth, Portland, Oregon 195,516
Chas. & F. W. Steffgen, San Diego 198,182
Butte Constr. Co. 198,767
M. B. McGowan, San Francisco 207,959
Holdener Constr. Co., Sacto. 214,136
Keller Gist Co., Inc. 218,456
C. G. Green and L. Worrel 218,262
A. W. Kitchen, San Francisco 218,063
Ben C. Gerwick, Inc., S. F. 222,142
Rocca & Caletti, San Rafael 229,617
Engineer's estimate 206,052

IRRIGATION PROJECTS

OROVILLE. Butte Co., Cal.—Until May 8, 2 p. m., bids will be rec. by W. J. Munro, secy., Oroville-Wyandotte Irrigation District, to fur. 5,400 hm. ft. 12-in. conc. pressure pipe, also to lay, grade, trench, backfill, etc. Plans obtainable from secretary. See call for bids under official proposal section in this issue.

GRENADA. Siskiyou Co., Cal.—Big Springs Irrigation District rejects bids for cedar timbers for flume construction, cement, metal flumes and new pumping units, as per bid listing in our issue of March 9. Bids were rejected due to delay in validation and approval of the district bonds by the State Bond Commission. New bids will be asked when the bonds have been approved.

CARSON CITY. Nevada.—Imp. Dist. No. 1 of Smith Valley authorized by State Irrigation Bond Commission to issue bonds of \$30,000 of which \$10,000 will pay off outstanding bonds and the balance for extensions to drainage canals.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

LODI, San Joaquin Co., Cal.—Frank Davis, formerly with State Department of Public Works, Division of Water Rights, named chief engineer and superintendent of Woodbridge irrigation District.

LIGHTING SYSTEMS

April 17, 1928

SEATTLE, Wash.—Nerage Electric Co., Armour Bldg., Seattle, at approx. \$48,235 sub. low bid to Board of Public Works to install street lighting system in Union avenue, etc. Taken under advertisement.

MODESTO, Stanislaus Co., Cal.—City Eng. Frank Rossi preparing plans for ornamental street lighting system in Tenth St. bet. H St. and Needham St. Standards will be similar to those now in the business district.

SANTA BARBARA, Cal.—Until 2 p. m. April 26, bids will be rec. by city to const. ornamental lighting system in State St. (Estado) bet. Cabrillo Blvd. and Micheltorena St., involv. 151 King Fern-omite metal posts. Est. cost \$56,400. Plans obtainable from city eng., E. B. Brown, upon deposit of \$15. Cert. check or bond for 10% req.

LONG BEACH, Cal.—City plans ornamental lighting system in Lemon Ave., bet. Wardlow Road and Bixley Road, involv. standards, wiring, conduits, etc. 1911 act. J. Oliver Brison, city clerk.

MACHINERY AND EQUIPMENT

PORTLAND, Ore.—Until April 30, 11:55 a. m. bids will be rec. by District Forester, New Postoffice Bldg., to fur. 4 track-laying type tractors equipped with 2-speed double drums and lines combined weight of each unit to be 9000 to 11,000 lbs., and bids for 4 similar tractors each of approximately 5000 lbs. weight unequipped with drums and lines. See call for bids under official proposal section in this issue.

RENO, Nevada.—Until April 23, 5 p. m. bids will be rec. by Harry Chism, city engineer, to fur. one 3 to 4-ton truck; one 2-ton truck and three 1-ton trucks. Cert. check 10% payable to city req. with bid. Further information obtainable from engineer. See call for bids under official proposal section in this issue.

SANTA ROSA, Sonoma Co., Cal.—On May 15, county supervisors will sell at public auction, one 8 ft. Spears-Wells grader no longer required by county. W. S. Coulter, county clerk. E. A. Peugh, county surveyor.

SAN FRANCISCO.—See "Miscellaneous Construction," this issue. Bids wanted for clam shell dredge and scows. State Harbor Commission.

OAKDALE, Stanislaus Co., Cal.—Until April 28, 7:30 p. m. bids will be rec. by J. Alban Rydberg, clerk, Oakdale Union School District, to fur. school bus, similar to that now in use. Further information obtainable from clerk.

PALO ALTO, Santa Clara Co., Cal.—City appropriates \$2650 to finance purchase of suction dredge; 62-ft. long, 24-ft. wide with daily capacity of 1,200 cu. yds. J. F. Bxybee, city eng.

SANTA ROSA, Sonoma Co., Cal.—County Purchasing Agent authorized to purchase 10 ft. adjustable leaning wheel grader; cost not to exceed \$1665.

RAILROADS

SAN FRANCISCO.—Chamber of Commerce will urge State Harbor Commission to extend belt line railroad to Southern waterfront area.

BAKERSFIELD, Kern Co., Cal.—Allo-way and Doyle, Bakersfield, at approx. \$50,000 awarded cont. by Southern Pacific R. R. for road bed work in connection with railroad extension from Sivert to Bena, approx. 3-miles in length.

FIRE ALARM SYSTEMS

SAN FRANCISCO.—Ralph W. Wiley, chief of the Department of Electricity, will seek \$97,130 appropriation to fur. and install traffic signals at 41 street intersections throughout the city.

FIRE EQUIPMENT

BEVERLY HILLS, Cal.—City votes bonds of \$100,000 for fire stations and purchase of additional equipment.

CALISTOGA, Napa Co., Cal.—Chas. Otterson, fire chief, recommends purchase of pullmotor for fire department.

CORTE MADERA, Marin Co., Cal.—Bonds of \$10,000 voted to finance purchase of additional fire fighting equipment.

MISCELLANEOUS SUPPLIES

SACRAMENTO, Ca.—Until April 20, 5 p. m. bids will be received by Chas. C. Hughes, secty., Board of Education, to fur. and del. fuel oil for school department. Cert. check 10% req. with bid. Further information obtainable from secretary.

RESERVOIRS AND DAMS

SANTA BARBARA, Cal.—May 24 is date set in Monticeto County Water District to vote bonds of \$880,000 to finance const. of Juncal dam and reservoir and complete lining of tunnel through mountains.

SAN DIEGO, Cal.—City votes to call a election to secure a bond issue of \$2,000,000 for completing the Sutherland Dam instead of trying to convert a part of the El Capitan bond funds. The city engineer and city attorney have been authorized to prepare estimates and proceedings for the bond election.

HILLSBOROUGH, San Mateo Co., Cal.—Engineer Geo. A. Kneese, Courthouse, Redwood City, authorized by town trustees to prepare estimates of cost for reservoir in Tract No. 4.

PIPE LINES, WELLS, ETC.

WALNUT CREEK, Contra Costa Co., Cal.—Coast Counties Gas Co., will extend gas mains from Pacheco to Walnut Creek; est. cost \$40,000.

REDWOOD CITY, San Mateo Co., Cal.—Following bids referred to City Eng. C. L. Dimmitt to drill well in connection with municipal water system: Whelan, Alhingham Co., \$12.75 per foot; Tony Garcia, \$12.00; Western Well Works, \$10.00; Duer Bros., \$12; Wallace E. Bianchi, \$10.00 (No. 1 well), and \$11.65 (No. 2 well).

SEWAGE DISPOSAL PLANTS

LEMOORE, Kings Co., Cal.—Until April 24, 8 p. m., bids will be rec. by W. W. Sheahan, city clerk, (88) to const. sewage treatment plant in Acq. and Imp. Dist. No. 2. Project involves: 450 cu. yds. excav.; 20,200 sq. ft. grading, sludge bed; 350 cu. ft. conc. 4 sacks to yd.; 5 cu. ft. conc. 5 sacks to yd.; 9600 cu. ft. conc., 6 sacks to yd.; 1056 cu. ft. rock in trick filter; 78,000 lbs. reinf. steel; aerator, mechanical equipment, motor; meta. flumes and gates; clarifier mechanical equipment, incl. motor, etc.; activated sludge pump; syphon and mechanical equipment; trickling filter piping system, distribution piping, valves, etc.; water pump installation and motor; miscellaneous equipment, including wiring, switches, control equipment, cast iron pipe, steel pipe valves, hydrants, vitrified pipe, etc. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk and obtainable from C. C. Kennedy, engineer, Call Bldg., San Francisco.

SAN BERNARDINO, Cal.—Geo. Herz & Co., 456 E St., awarded cont. by city at \$343,928 to const. complete sewage treatment plant involv. 20,000 ft. drain tile, 30,000 cu. yds. grading asph. con. paving, control house of reinforced concrete construction involving 15-in., 18-in. and 24-in. Venturi metre, 3 chlorinators, 3 automatic electrically operated gate valves, water well, pump, pressure tank, air compressor, gas engine and generator, 1-ton chlorine container, secondary settling tank, small chlorine house.

W. C. Seecombe, 368 9th St., San Bernardino, awarded cont. for comb. syphon and intercepting sewers at \$204,512.66. The syphon involves about 6800 ft. of 15-in., 18-in. and 24-in. Hume spun concrete pipe, with 3500 ft. drain tile in trench with pea gravel foundation. The collection system and intercepting sewer, involves 8-in. to 48-in. sewer. The 48-in. will be of Meier block or brick other sizes to be vitrified pipe.

The bids were:
Treatment plant: Geo. Herz & Co., \$343,927; O. K. Hearte, \$344,407.69; Butte Construction Co., \$378,818; Geo. W. Kemper, \$401,467.

Outfall Syphon: W. C. Seecombe, \$107,000; Geo. W. Kemper, \$104,180; Matich & Ramjak, \$106,000; Geo. Herz & Co., \$107,000.

Intercepting Sewers: W. C. Seecombe, \$101,623.67; Matich & Ramjak, \$113,000; W. D. Bohan, \$123,500.

Combined bid on Syphon and Intercepting: W. C. Seecombe, \$204,512.67; Matich & Ramjak, \$219,000.

Complete bids: Butte Construction Co. at \$598,705 using Meier block in the collection system, and at \$602,706 using brick.

WATER WORKS

RICHMOND, Contra Costa Co., Cal.—Santa Fe R. R. plans imps. to water works system involv. installation of conc. pipe lines; 5 Kimball air lifts 90 to 100 lbs. pressure; 2 or 3 additional wells, depths approx. 500-ft.

SAN FRANCISCO.—Board of Fire Commissioners has prepared preliminary reports covering \$2,000,000 expenditure for extensions to high pressure water system and erection of new firehouses in various sections of the city.

EUREKA, Humboldt Co., Cal.—City eng. estimates cost of high pressure salt water fire protection system with capacity of 2,000-gals. at a 170-lb. maximum at \$42,000. First unit in C St. bet. the bay and Seventh St., including pump pit, sump, pump and motor and hydrants is estimated at \$10,500. Pipe line along in C St., is estimated at \$4,000. A. Walter Kildale, city clerk.

SAN MATEO, San Mateo Co., Cal.—City rejects bids to const. water tank in connection with municipal water project.

HAMPTON

ELECTRIC AND MFG. CO

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Replied
Industrial Light and Power Installation
Telephone SUTTER 3266

BURLINGAME, San Mateo Co., Cal.—Proceedings will be started at once by city for sewer imps. in North Burlingame, est. cost \$50,000. Under the joint boundary of the city of Hillsborough will participate in the assessment. Jas. S. James, city eng.

WHITTIER, Cal.—City plans to imp. Ante Vista Drive, bet. Palm Ave. and east line of lot 31, Tr. No. 10137, and portions of other streets in A. & I. No. 3, 6-in. conc. pave., curb, 6-in. vitrified sewers, 4-in. house sewers. C. L. Ivater mains, valves, fire hydrants, etc. Bul Gilmore, city clerk.

CALIFORNIA.—Until May 8, 10 A. M., bids will be rec. by C. H. Sweetser, dist. eng., U. S. Bureau of Public Roads, 807 Edison Bldg., San Francisco, to const. 20 mi. of highway in Sequoia National Park, Sect. C, Route 1, involv. 16.95 acres clearing; 50,811 cu. yds. excavation unclassified; 231 cu. yds. excavation unclassified for structures; 5171 sta. yds. overhaul; 2.29 mi. finish earth graded road; 30 cu. yds. cement rubble masonry; 12 lin. ft. 18-in. C. M. P. haul and place. Plans obtainable from above office.

INGLEWOOD, Cal.—City plans to imp. E. Ave., bet. Arbor Vitae and Edith Sts., involv. grading, 5-in. oiled macadam pave., curb, gutter, walk, 1½-in. pipe, pavement on 3½-in. asph. concr. base, etc.; 1911 Act. Otto H. Duelle, city clerk. Willis Pfeffer, city engineer.

SACRAMENTO, Cal.—Until April 26, 10 A. M., bids will be rec. by H. G. Denison, city clerk, (2234) to imp. alley bet. O. 13th and 14th Sts., involv. c. i. drains, vit. sewers, 1-in. water main connections, grade, hyd. conc. pave. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Samuel J. Hart, city engineer.

CALIFORNIA.—Until May 8, 10 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Roads, 807 Sheldon Bldg., San Francisco, to const. 2.65-mi. Section D, Route 1, Sequoia National Park, involv. 18.80 acres clearing; 500 cu. yds. unclassified excavation; 615 cu. yds. excavation, unclassified for structures; 22,496 sta. yds. overhaul; 2.65 mi. finish earth graded roads; 386 cu. yds. mass A conc.; 37,400 lbs. reinf. steel; 236 cu. yds. cement rubble masonry; 1,508 lin. ft. 18-in. C. M. P. haul and place; 60 lin. ft. 24-in. C. M. P. haul and place; 17 sq. ft. rock facings for arch rings. Plans obtainable from above.

INGLEWOOD, Cal.—City plans to imp. Commercial St. bet. Hillsdale St. and Redondo Blvd., etc., involv. widening, paving with 6-in. cem. conc. pave., curbs, walks, ¾-in. and 2-in. water services, 8-vit. sewer and 6-in. house connections, 8-in. drain, 5-in. oiled macadam pave., 4-in. Topeka wearing surface on 2½-in. bitum. base. A. & I. No. 1. Otto H. Duelle, city clerk. Willis Pfeffer, city engineer.

SAN FRANCISCO—Streets and Commercial Development Committee of the Board of Supervisors, Andrew J. Gallagher, chairman, plans to reduce grades of Harrison St., bet. 2nd and 3rd and in Hawthorne St., bet. Folsom and Harrison and along Vassar St. from Harrison St., south; est. cost, \$120,000.

BELL, Cal.—Drainage Construction Co., Box 345, Santa Ana, sub. low bid to city at \$136,000 to const. East Side sewer system, including Atlantic Ave., involv. 46,797 ft. 8-in., 1301 ft. 10-in. and 94 ft. 12-in. vitrified sewer; 82 manholes; 43 flush tanks; 1197 sq. ft. concrete paving; 74,760 sq. ft. gravel and 1 reconstruction.

OAKLAND, Cal.—Until April 26, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. E-26th St., bet. 14th Ave. and Wallace St., etc., involv. conc. steps, curbs and walks. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Geo. N. Randle, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Clark & Henry Constr. Co., Chancery Bldg., San Francisco, awarded contract by county for 8200 tons asph. conc. in connection with Stony Point Rd., etc., at \$5.47 per ton.

FRESNO, Fresno Co., Cal.—Thompson Bros., 2150 G St., Fresno, awarded contract by city (10-1) to imp. portions of El Dorado St., grade and regrade, conc. curbs, gutters, walks, corr. metal culverts, 4-in. asph. conc. base, 2-in. asph. conc. surface with liquid asph. and rock screening surface.

SAN LUIS OBISPO, Cal.—Until 2 p. m., April 19, bids will be rec. by county to imp. streets in the Town of Pismo, including Romero Ave., Cypress St., Ocean View Ave., and other streets, involv.: 1,466 cu. yds. grading; 238,840 sq. ft. 2½-in. asph. base, with 1½-in. Warrenite curbs; 7,870 sq. ft. cem. conc. walks; 1½ lin. ft. corr. iron culverts on cem. conc. base; lighting system complete; san. sewer complete, vitrified; water system complete, cast-iron pipe; 4 gutter drain inlets; 1,600 lin. ft. cement concrete gutters. Est cost \$129,000. Cert. check payable to Henry Twisselmann, Chairman of Board of Supervisors, for 10% req. with bid. 1925 Act. Plans obtainable from S. G. Whittelsey, Engineer, Pismo Beach, on 15 deposit.

ANTIOCH, Contra Costa Co., Cal.—Until April 24, 8 p. m., bids will be rec. by J. E. McKelney, town clerk, (48-a) to imp. portions of H. B. 8th, 9th and 10th Sts., involv. grade; hyd. conc. pave.; hyd. conc. curbs; corr. iron culverts; san. sewer. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

RICHMOND, Contra Costa Co., Cal.—City Manager Jas. A. McVittie announces surveys are being made for proposed storm sewers in various sections of the city. E. A. Hoffman, city eng.

SACRAMENTO, Cal.—J. W. Terrell, 2765 Donner Way, Sacramento, awarded contract by city to imp. 13th Ave. from 43rd St. to pt. 656 ft. easterly, involv. c. i. drains; vit. sewers; conc. manholes.

SAN JOSE, Santa Clara Co., Cal.—A. J. Ralsch, 46 Kearny St., San Francisco, at \$17,332 awarded contract by county to imp. San Jose-Alviso Rd. in Sup. Dist. No. 3. Following is complete list of bids; surveyor's estimate \$12,250 for surfacing and base mixed and laid, per ton, \$5.50. Prentiss Paving Co., surfacing, \$11,000. Base mixed and laid, \$5.30. A. J. Ralsch, \$9812. Base mixed and laid per ton, \$4.70. Union Paving Co., \$13,814. Base mixed and laid per ton, \$4.00.

SAN FRANCISCO.—C. C. W. and H. H. Haun Co., 666 Mission St., at \$29,290.85 sub. low bid to Bd. Pub. Wks. to const. Laguna Honda sewer from Noriega St., southerly. Previous bids on this work were rejected with J. J. Gartland low at \$21,792. Other bids: C. Eaton, \$30,876; C. B. Cowden, \$34,524.90.

SAN FRANCISCO.—Federal Construction Co., Call Bldg., at \$1,343.75 sub. low bid to Board of Public Works to imp. Tioga Ave. from Rutland St., easterly. J. F. Dowling, Call Bldg., at \$3691 low to imp. Ulloa St. bet. 38th and 39th Aves. Christensen Construction Co. only other bidder at \$4,694.75.

SAN FRANCISCO.—Municipal Constr. Co., Call Bldg., at \$4,037.50 sub. low bid to Board of Public Works to imp. Victoria St. bet. Garfield and Shields Sts. Federal Construction Co. only other bidder at \$4,346.25. M. J. Lynch, low to imp. Gilman Ave. bet. 3rd and Hawes Ave.

HANFORD, Kings Co., Cal.—Until May 7, 10 a. m. bids will be rec. by county to widen and resurface portions of Hanford-Corcoran highway and Grangeville-Hubb highway. Plans obtainable from County Surveyor Roy May.

CALIFORNIA.—Until May 15, 10 A. M., bids will be rec. by C. H. Sweetser, dist. engineer, 461 Market St., San Francisco, to grade 2.72 mi. of Lassen Volcanic National Park Highway system, from Sta. 240 plus 60 to Sta. 385 plus 59 of Section C Route 1, involv. 6 acres clearing; 67,400 cu. yds. unclassified excavation; 106 cu. yds. excavation, unclassified for structures; 11,000 sta. yds. overhaul; 31 cu. yds. cement rubble masonry; 840 lin. ft. 18-in. and 366 lin. ft. 24-in. C. M. P. haul and place. Plans obtainable from above office.

CALIFORNIA.—Until May 15, 10 A. M., bids will be rec. by C. H. Sweetser, dist. eng., U. S. Bureau of Public Roads, 461

Market St., San Francisco, to surface 9.15 mi. of Lassen Volcanic National Park Highway system, from Sta. 0+00 to Sta. 522+25 on northern portion of Route No. 1 involv. 500 cu. yds. unclassified borrow; 9.15 mi. fine grading sub-grade and shoulders; 14,500 cu. yds. crushed rock surfacing; 3450 cu. yd. mi. binder hauled over 500 ft.; provide and maintain watering plants; 970 M. gals. watering; 1700 cu. yds. supplemental crushed rock. Spec. obtainable from above office.

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, at \$28,132.40 awarded contract by city to imp. Geil St., bet. Iverson and South Main Sts., involv. 136,630 sq. ft. grading; 4629 lin. ft. conc. curb; 93,378 sq. ft. 5-in. conc. pave.; 22,908 sq. ft. cem. walks. Granite Constr. Co., Watsonville, only other bidder at \$28,706.30. Est. of City Eng. Howard Cozens, \$28,239.07.

EL CERRITO, Contra Costa Co., Cal.—L. L. Page, 8th and Bissel Ave., Richmond, at \$2555.80 awarded contract by city to const. sewers in Manila St.

FRESNO, Fresno Co., Cal.—Thompson Bros., 2150 G St., Fresno, at \$1217.90 awarded contract by city to const. 10-in. vit. clay pipe sewer in vicinity of Block 87, including 4-in. and 6-in. sewer connections; 6-in. on 10-in. wyes; conc. manholes.

PLUMAS COUNTY, Cal.—Until May 9, 2 p. m. bids will be rec. by State Highway Comm. to grade and surface with crushed gravel or stone, 6.2-mi. from west boundary to 2½-mi. s. w. of Chester. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

GILROY, Santa Clara Co., Cal.—City declares inten. (4) to imp. Eagleberry, 2nd, 4th, 6th, Martin, Lewis and other streets, involv. 299,764 sq. ft. cem. conc. pave; 13,325 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in. conc. gutters; 1873 lin. ft. conc. curb; 3700 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; 150 6-in., 41 ft. 8-in., 1232 ft. 10-in. and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. c. i. sewer; 1110 ft. 15-in. and 440 ft. 18-in. storm sewer; 19 catchbasins; 1 conc. wall and apron; 6688 cu. yds. excavation. Protests April 27. H. B. Fisher, engineer, Growers Bank Bldg., San Jose. E. F. Rogers, city clerk.

INGLEWOOD, Cal.—City plans sewer system west of Greville Ave., and south of Redondo Blvd.; est. cost \$92,000. Willis Pfeffer, city eng.

GILROY, Santa Clara Co., Cal.—City rejects bids to pave various streets with "black stuff" and will ask new bids for conc. pavement. Low bid submitted by California Hacienda Co., Standard Oil Bldg., San Francisco, at \$79,935.85. New plans provide for cem. conc. pave. See other item in this column covering Res. of Inten. under new proceedings.

GLENN COUNTY, Cal.—Until May 9, 2 p. m. bids will be rec. by State Highway Comm. to grade and pave with Port. cem. conc. 1.1 mi. through Orland. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

VENTURA, Cal.—City Eng. D. C. McMillan preparing spec. to pave entire east end of the city. The proposed work will include conc. pave. walks, curbs, sewer connections, water services, storm drains, gas services, ornamental lights.

SACRAMENTO, Cal.—E. F. Hilliard, 1355 43rd St., Sacramento, awarded contract by city to imp. alley bet. O and P, 3rd and 4th Sts., involv. c. i. drains; vit. sewers; 1-in. water main connections; grade; hyd. conc. pave.

SAN FRANCISCO—Proceedings will be started at once by Board of Public Works to regrade Rincon Hill adjacent to Harrison St. bet. Second and Third Sts., including all small streets north to Folsom St.

EUREKA, Humboldt Co., Cal.—Until May 5, 10 a. m. bids will be rec. by M. Kay, county clerk, to pave 5800 lin. ft. of Eureka-Freshwater road in Road Dist. No. 4. Cert. check 5% req. with bid. Plans on file in office of clerk. Frank Kelley, county surveyor.

SACRAMENTO, Cal.—City declares inten. (2211) to imp. 39th St., bet. Y St. and First Ave., involv. conc. curb, gutter; c. i. drains; vit. sewers; conc. manhole; grade, asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2212) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2213) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2214) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2215) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2216) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2217) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2218) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2219) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2220) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2221) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2222) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2223) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2224) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2225) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2226) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2227) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2228) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2229) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2230) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2231) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2232) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2233) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2234) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2235) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2236) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests May 3. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

MERCED, Merced Co., Cal.—Until May 7, 8 P. M. bids will be rec. by W. T. Clough, city clerk, (603) to imp. inter. section of N. St. at 18th, 19th and 20th Sts., involv. repave with asphalt. conc. base. Warrentite-Bit. surface; main and branch corr. iron culverts. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy seeks appropriations totaling \$2,777,500, either from tax money or from a separate bond issue, to finance main sewer construction. His estimates are summarized as follows: College H. Tunnel, \$350,000; Bay View pump station, \$2,500; Golden Gate heights, \$70,000; Quintara St., \$20,000; Yosemite Ave. and Ingalls St., \$150,000; Fillmore St. sewer, 2nd unit, \$100,000; 15th, Harrison to Church and Market Sts., \$300,000; Brannan St. sewer, 5th to 9th St., \$125,000; 6th St. Townsend to the Channel and Folsom to Bryant, \$120,000; Indiana St., \$60,000; 3rd St. sewer, \$100,000; Quint and Rankin Sts., \$100,000; Industrial St., wood box, \$50,000; Alemany, Islais creek sewer, \$70,000; Visitacion Valley, county line, \$40,000; Geary St. and 23rd Ave., \$80,000; Sanitation study, Baker's beach, \$10,000; Miscellaneous, \$50,000; Sloat Blvd. and Great Highway, \$15,000; Division St., \$260,000; Lake Merced lands, \$75,000.

WILLOWS, Glenn Co., Cal.—Until May 14, 2 P. M. bids will be rec. by W. B. Sale, county clerk, to resurface approx. 1/2-mil. of Princeton-Four Corners road, in Road Dist. No. 5. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy seeks \$100,000 appropriation from supervisors for Bernal Heights Blvd., \$150,000 for Laguna Honda Blvd., and \$150,000 for Portola Drive.

MARTINEZ, Contra Costa Co., Cal.—Until May 21, bids will be rec. by county to grade 5,250-ft. of Reliez Valley road. est. cost \$6,800. Spec. obtainable from County Surveyor R. R. Arnold.

OAKLAND, Cal.—City declares inten. to sewer 6th St., bet. Jackson and Alice Sts., including lampholes and wye branches. 1911 Act. Protests May 10. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

BUSINESS OPPORTUNITIES

Ball-Bearing Lath Centers. Rochester, N. Y. Smellex Mfg. Co., Rochester, New York City. Manufacturers of ball-bearing lath centers desire to appoint an individual or concern to carry their line in San Francisco and surrounding territory. Their line is complete and their products have been on the market for many years.

Representation in the Pacific Northwest Territory. Portland Oregon. J. H. Berry, 427 Fliedner Bldg., Portland, Oregon. Manufacturers' agent, established several years, wishes contract with San Francisco manufacturers of products or articles for industrial trade, who wish to extend their market into the Northwest Territory. San Francisco, Calif. A. G. M. Halbertson, 175 Alhambra St., San Francisco, Calif., experienced in handling mechanical lines seeks connections with manufacturers of articles of that type for the purpose of representing such concerns in the Pacific Coast territory. References available.

D-5852. Dallas, Texas. Mr. Wm. C. Keefe, 414 S. W. Life Bldg., Dallas, Texas, seeks connection with San Francisco manufacturers or merchants, who are desirous of securing representation in Dallas and surrounding territory. He can supply recommendations as to character, personality, ability, and can make bonds.

Eastern Representation. New York. N. Bonner Furniture Corp., 157 E-32nd St., New York City—(Attention, Treas.), engaged in the furniture business, and therefore in a position to reach various large concerns such as department stores, wishes to establish connections with West Coast concerns desiring representation in New York City of the Metropolitan District, on a commission or jobbing basis.

Representation in the Pacific Northwest Territory. Portland Oregon. J. H. Berry, 427 Fliedner Bldg., Portland, Oregon. Manufacturers' agent, established several years, wishes contract with San Francisco manufacturers of products or articles for industrial trade, who wish to extend their market into the Northwest Territory. San Francisco, Calif. A. G. M. Halbertson, 175 Alhambra St., San Francisco, Calif., experienced in handling mechanical lines seeks connections with manufacturers of articles of that type for the purpose of representing such concerns in the Pacific Coast territory. References available.

Quantity - Quality - Service

Larsen's Advance Construction Reports

Your silent salesman—issued every business day in the year—featuring work projected, bids wanted, bids opened and contracts awarded for every class of building; bridges, dams and harbor works; irrigation projects; U. S. Government work and supplies, street, highway and sewer improvements; water works; miscellaneous supplies and equipment, etc., etc.

Larsen's Advance Construction Reports are compiled by a staff of trained correspondents located in the more important business centers in Central and Northern California. Each and every correspondent knows his territory thoroughly and the men most concerned in it, namely, the architects, contractors and material dealers—who keep him or her informed of the latest developments in the construction field in his particular territory.

Larsen's Advance Construction Report Service is a special service compiled at a tremendous cost and yet is sold for a price within the reach of all among which the information should circulate. Each and every report is a prospect for business.

Write for sample copies or have our representative call and explain this service.

Larsen's Advance Construction Reports

547 Mission St. San Francisco, Calif.
Phone Kearny 1252

Official Proposals

NOTICE TO CONTRACTORS

(Armijo Union High School District—Solano County)

Notices hereby given that sealed bids will be received by the Board of Trustees of the Armijo Union High School District, Fairfield, Solano County, California, until 8 o'clock P. M., the 27th day of April, 1928, at the Armijo Union High School, for the erection and completion of new Shop Building at Fairfield, Solano County, California, according to plans and specifications prepared for the same by Cattman-Sahler-Stafford, the authorized architects.

Bids will be received for General Contract with alternate propositions.

Plans and specifications can be seen during office hours at the office of the Clerk of said Board at Fairfield, California, and may be seen at or obtained from the offices of the architects, 608 Plaza Bldg., Sacramento, California.

A cash deposit of \$25 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the return of the same.

All bids shall be presented on blank forms which may be procured from the office of the architects.

Each bid shall be accompanied by a certified check on some responsible California bank for a sum not less than ten per cent (10%) of the amount of the bid, made payable to Mr. E. L. Dearborn, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten (10) days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work and in case the bidder to whom the contract is awarded fails to, or refuses to enter into said agreement, or to furnish said bonds, said check shall be forfeited to the School District, in the manner provided by law. The Board of Trustees will not accept a Bidder's bond in lieu of a certified check.

Each bid must be enclosed in a sealed envelope and addressed to E. L. Dearborn, Clerk of the Board of Trustees, Armijo Union High School District, and endorsed "Proposal for Construction of Shop Building."

The Board of Trustees expressly reserves the right to reject any or all bids and to waive any informality in any bid received and to continue the award of the contract at the pleasure of the Board.

By order of Board of Trustees Armijo Union High School District.

By E. L. DEARBORN,
Clerk.

NOTICE TO CONTRACTORS

(Administration Building—City of Oakland School District)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 1st day of May, 1928, at 10:45 A. M., at which time said bids will be opened for the Grading of the Administration Building Site of the Oakland School District, located on the West side of Second Ave., bet. 14th and E-11th Sts., Oakland, California.

These bids shall be presented in accordance with plans and specifications for said work on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 15th Street, Oakland, California.

On a deposit of Ten (\$10.00) Dollars, complete set of plans and specifications may be had by any bidder on application

to the Superintendent of Buildings at his office heretofore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the first day of May, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items in such bids.

JOHN W. EDGE-MOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO BIDDERS

(Airway Beacons)

SEALED PROPOSALS, in triplicate, will be received in the office of the Chief Clerk, Department of Commerce, Nineteenth St. and Pennsylvania Ave., N. W., Washington, D. C., until 2 p. m., April 30, 1928, and then opened for establishing electric airway beacons and intermediate landing field equipment on the San Francisco-Seaside Airway and on the San Francisco-Blue Canyon section of the San Francisco-Salt Lake Airway. Blanks for submitting proposals may be obtained upon application to the Chief Clerk of the Department at the above address. Proposal No. 19430.

NOTICE TO CONTRACTORS

General Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, May 15, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials, and labor required for the erection and completion of the General Work of the Single Story Group, Patton State Hospital, Patton, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Plans and Specifications will be on file for examination at Room 1025, Sun Finance Building, Los Angeles.

The Single Story Group is a one story building with reinforced concrete walls, hollow tile partitions, cement floors, and tile roof.

Bids must be submitted on Proposed Forms prepared and furnished by the Division of Architecture.

Each bidder's bid made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works" in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollar will be required on plans and specifications, the deposit to be returned immediately upon the return of the plan and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Single Story Group, Patton State Hospital, Patton, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.

E. B. MEEK,

Director of Public Works.

April 20-27, May 4-11.

NOTICE INVITING SEALED PROPOSALS FOR FURNISHING THE FOLLOWING EQUIPMENT:

Notice is hereby given that the Council of the City of Santa Cruz invites sealed proposals or bids for furnishing the following equipment to the City of Santa Cruz, to-wit:

A complete, operative, modern municipal pumping plant, consisting of Diesel engines, pumps, and all other necessary auxiliary equipment including pipes and valves to provide a capacity of six million gallons of water per twenty-four (24) hours at the present Crossing Street pumping station under physical and discharge pressure conditions now existing, which will remain unchanged at increased capacity. Bidders will include in their proposal adequate building and foundations, retaining wall and abutments in river, and additional filters to meet present requirements and chlorination apparatus for six million gallons. The capacity to be divided into two units.

All proposals to incorporate efficiency of engines and pumps recommended for the conditions and be accompanied with detailed drawings and specifications. Time being of vital importance, bidders will specify when equipment can be furnished and installed ready for operation. Bidders will state terms of purchase and payments.

The installation of the proposed equipment to be completed without in any way interfering with the present system that is or may be in operation to furnish water for the city needs.

Said proposals or bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz on or before 9 o'clock in the forenoon of Monday, the 22nd day of April, 1928. Bids will be opened at 9:30 o'clock in the forenoon of said day.

All proposals or bids must be in writing, give total amount of bid submitted and must be accompanied by a certified check or bond for ten (10) per cent of the amount bid payable to the City of Santa Cruz.

The Council of said City reserves the right to reject any and all bids.

Dated: April 11, 1928.

S. A. EVANS,
City Clerk.

NOTICE TO CONTRACTORS

(Watsonville School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Watsonville School District at 7 o'clock P. M., on the 30th day of April, 1928, at the Watsonville Union High School Building in Watsonville, California, for the erection and completion of a frame stucco school building known as the "Elm Street" School in said school district, and the erection and completion of additions to the "Rodriguez" School in said district.

That sealed bids will also be received opened by said Board of Trustees at 2 o'clock P. M. on the same day and as mentioned above, for the erection of a reinforced concrete school building known as the "Palm Avenue" School in said school district.

That all of the above mentioned buildings and additions are to be erected for the Watsonville School District, according to plans and specifications therefor prepared for the same by W. H. Weeks, authorized architect, employed by the Board, which have been adopted by the Board and are now on file with said Board of Trustees, reference to which plans and specifications is hereby made for a particular description of the work to be done.

That separate bids will be received for the erection of the different buildings and additions and for the heating on the different buildings, as follows:

General Contract, Rodriguez School.
Gas Steam Heating System, Rodriguez School.

Electric Heating System, Rodriguez School.

General Contract, Elm Street School.
Gas Steam Heating System, Elm Street School.

Electric Heating System, Elm Street School.

General Contract, Palm Avenue School.
Gas Steam Heating System, Palm Avenue School.

Electric Heating System, Palm Avenue School.

Gas Steam Heating System, Palm Avenue School.

That plans and specifications may be seen during office hours at the office of the architect, W. H. Weeks, Hunter-ultin Bldg., San Francisco, California, at the office of the Clerk of said Board of Trustees in the Watsonville Union High School Building, Watsonville, California.

That all bids shall be made out on blank forms furnished by the architect, and in strict accordance with the Notice to Bidders in specifications.

That bids will be received up to the time set for the opening thereof and each bid must be accompanied by a certified check on some responsible California Bank in a sum not less than five (5) per cent of the amount bid, made payable to H. A. Hyde, Clerk of the Board of Trustees of the Watsonville School District, as a guarantee that a contract will be signed within ten (10) days after award is made and that approved surety bonds will be furnished as required by law.

That each bid must be delivered in sealed envelope, and addressed to the Clerk of the Board of Trustees, and endorsed:

"Proposal for Elm Street School"
"Proposal for Palm Avenue School"
"Proposal for Rodriguez School."

That bids for the Elm Street and Rodriguez Schools may be enclosed in the same envelope.

That the Board reserves the right to reject any and all bids.
Dated: April 14th, 1928.

FRANK RODGERS,
EVA E. LUTHER,
H. A. HYDE,
Board of Trustees of Watsonville School District.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building Sacramento, California, until 2 o'clock P. M., on May 9, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Plumas County, from Westerly Boundary to two and one-half miles south-west of Chester (H-Plu-29-A), about six and two-tenths (6.2) miles in length, to be graded and surfaced with crushed gravel or stone.

Glenn County, through Orland (H-3le-7-C), about one and one-tenth (1.1) miles in length, to be graded and paved with Portland cement concrete.

San Luis Obispo County, a reinforced concrete girder bridge across San Luis Obispo Creek 3 1/2 miles south of San

Luis Obispo (V-SLO-2-E), consisting of seven 38-foot spans on concrete pile bents, also retaining walls, slope paving and grading and surfacing approaches with waterbound macadam.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.

Dated: April 11, 1928.

NOTICE FOR BIDS

(Oroville-Wyandotte Irrigation District).

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, until 2 o'clock p. m. May 8, 1928, for furnishing 5400 lineal feet of 10-in. concrete pressure pipe.

Also pipe laying, grading, trenching, backfilling, etc.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

Mechanical Work.

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Tuesday, May 15th, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the Mechanical Work, Single Story Group, Patton State Hospital, Patton, California, in accordance with plans and specifications therefor, copies of which may be obtained upon application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Plans and specifications will be on file for examination at Room 1025, Sun Finance Building, Los Angeles, California.

Mechanical Work includes: Plumbing, Heating and Electrical Work. Separate bids will be received for "Electrical Work," and for "Plumbing and Heating." Combined bids will also be received covering all three branches of the work. Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," to the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California in good condition.

The Division of Architecture, State De-

partment of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Mechanical Work, Single Story Group, Patton, State Hospital, Patton, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,

State Architect.

E. B. MEEK,

Director of Public Works.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., April 13, 1928.—Bidders are informed that the date for opening proposals for the construction of the N. S. new post office at Fallon, Nev., is postponed from 3 p. m., May 1, 1928, to 2 p. m., May 17, 1928. Not exceeding six sets of drawings and specifications will be furnished to general contractors on request, in the discretion of the supervising architect, provided a deposit of fifteen dollars (\$15.00) is made for each set. Deposits will be refunded on return of the drawings and specifications in good condition. Checks must be certified and made payable to the Treasurer of the United States. JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO PIPE MANUFACTURERS AND CONTRACTORS

(Terra Bella Irrigation District)

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive bids or proposals until 10:30 A. M., on Tuesday, May 1st, 1928, for the following:

1. Furnishing f. o. b. Terra Bella 5000 feet of four inch No. 16 gauge riveted steel water pipe wrapped with soil proof covering. Alternate bids may be submitted for plain end O. D. casing or lap welded steel tubing, both for welded pipe lines and dipped.

2. For furnishing all the labor and materials necessary for digging 5000 feet of ditch for a pipe line in the town of Terra Bella, said ditch may be over or alongside or both of a water main now in use.

3. For furnishing all the labor and materials necessary for laying 5000 feet of four inch pipe line as above named.

All bids must be accompanied with a certified check for a sum not less than 5 per cent of the total amount of the bid.

All bids must state on the outside what the bid is for.

The Board of Directors reserves the right to waive defects, and to reject any or all bids, also to limit the amount of

work bid upon to a minimum of 60 per cent of the quantities named and a maximum amount of 135 per cent of the quantities named above.

TERRA BELLA IRRIGATION DISTRICT

EDWARD H. ROBINSON,

Secretary.

37

Notice to Bidders for the Purchase of Trucks for the Street Department of the City of Reno, Nevada.

Notice is hereby given that the City Council of the City of Reno, Nevada, invites and will receive sealed bids up to five (5) o'clock, P. M., of Monday, April 23rd, A. D., 1928, said bids to be filed with the City Clerk of the City of Reno.

Bids to be submitted for the following trucks:

One (1) 3- to 4-ton truck; one (1) 2-ton truck; three (3) 1-ton trucks.

For information on the above, apply at the office of the City Engineer.

Each bid must be accompanied by a certified check, payable to the City of Reno, and certified to by some responsible bank, for an amount not less than ten (10%) per cent of the aggregate of the bid, to guarantee the faithful performance of the bid.

The City Council reserves the right to reject any and all bids.

Dated: At Reno, Nevada, April 5th, A. D., 1928.

HARRY CHISM,
City Engineer

Contracts Awarded Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
927	Metropolitan	Owner	4,000
928	O'Connell	Halley	1,000
929	Feiser	Mallock	1,000
930	Piombo	Halley	5,000
931	Reed	Owner	1,000
932	Samuels	Mullen	15
933	Scoble	Owner	15,000
934	Schmid	Owner	5,000
935	Thomas	Peterson	4,000
936	Windeler	Owner	16,000
937	Chipperfield	Owner	8,000
938	Ingerman	Owner	4,000
939	Kreling	Born	22,000
940	Lindsay	Owner	12,000
941	Raiss	Pink	2,000
942	Savage	Owner	17,000
943	Warsawski	Erickson	4,500
944	Williamson	Owner	4,000
945	Younger	Owner	1,600
946	Heglin	Owner	7,000
947	Ludwig	Munne	1,050
948	Kalhn	Owner	1,000
949	Rose	Owner	8,000
950	Rose	Rose	4,000
951	Stahl	Owner	5,000
952	Anderson	Owner	38,000
953	Devine	Manseau	7,000
954	Goss	Owner	9,000
955	Harder	Owner	12,000
956	Holmer	Owner	8,000
957	Lindeman	Lindeman	14,500
958	Marrhine	Erickson	2,500
959	Ohlson	Owner	4,000
960	Peterson	Owner	6,000
961	Southern Pacific	LaVore	22,500
962	Stagi	Owner	4,000
963	Teupel	Owner	3,000
964	Ennik	Owner	15,000
965	Warden	Owner	20,000
966	Whitlock	Owner	16,000
967	Allred	Owner	4,000
968	Brown	Lyons	1,500
969	Drivdahl	Owner	2,000
970	Thompson	Owner	3,000
971	Fechner	Zink	3,000
972	Ferro	Bergstrom	3,000
973	Francis	Owner	2,500
974	Grahn	Owner	4,000
975	Morrick	Halley	8,000
976	Meyer	Owner	4,500
977	Robson	Owner	10
978	Strand	Owner	200
979	Thompson	Owner	3,000
980	Thompson	Owner	6,000
981	Bishop	Owner	4,500
982	Bojada	Owner	1,500
983	Castle	Horn	4,000
984	Carlson	Carlson	2,800
985	De Vere	Reed	3,500
986	Fusco	Fandall	1,000
987	Holden	Terry	15,000
988	Lindsay	Owner	4,000
989	Rossetter	Papenhausen	4,000
990	Real	Wagner	1,000
991	S F	Ellison	100,000
992	Sevant	Ohlson	4,000
993	Thomas	Owner	3,500
994	United	Teltz	1,000
995	Zullmer	Owner	48,000

ALTER & REMODEL

(927) 1633 FILLMORE ST.; alter and remodel dept. store.
Owner—Metropolitan Chain Store, 1633 Fillmore St.
Architect—Ostlund and Johnson, 1901 Bryant St. \$4590

APARTMENTS

(928) S GEARY 40 W 49th AVE. 3-story and basement frame (9) apts.
Owner—F O'Connell 744 Russ Bldg.
Architect—None.
Contractor—Halley Bros., 744 Russ Bldg. \$16,500

ALTERATIONS

(929) 50 6th ST.; alter store and hotel building.
Owner—Sai Paiser et al. % builder.
Architect—None.
Contractor—J S Mallock, 666 Mission St. \$1000

FLATS

(930) E STEINER 125 S Post; 2-story and basement frame (2) flats.
Owner—Mr. D. Piombo, 744 Russ Bldg.
Architect—None.
Contractor—Halley Bros., 744 Russ Bldg. \$8000

APARTMENTS

(931) E CHURCH 52 N 22nd St.; 2-story and basement frame (5) apts.
Owner—G. Reed, Humboldt Bank Bldg.
Architect—Bos and Quandt, Humboldt Bank Bldg. \$10,000

ALTER & REMODEL

(932) 110 GEARY ST.; alter and remodel stores.
Owner—Albert S. Samuels Co., 110 Geary.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch St. \$1.5

APARTMENTS

(933) W CASA WAY 158.6 N Retiro Way 3-story and basement frame (9) apts.
Owner—Thomas Scoble, 336 Kearny St.
Architect—Edward E. Young, 2002 California St. \$15,000

APARTMENTS

(934) E CLAYTON 50 N 17th St.; 1-story and basement frame (4) apts.
Owner—Al Schmid, 3982 25th St.
Architect—Owner. \$5000

DWELLING

(935) E HARTFORD 125 S 18th St.; 1-story and basement frame dwelling.
Owner—William E. Thomas, 127 Hartford St.
Architect—None.
Contractor—Arvid Peterson, 1620 8th ave. \$4000

DWELLING

(936) NW SANCHEZ and 28th Sts.; 2-story and basement frame dwelling.
Owner—Mildred and Fred Windeler, 41 South Park.
Architect—E. J. Resing, 425 Kearny St. \$10,000

DWELLINGS

(937) W TWENTY-FIFTH AVE 200 and 225 N Moraga. Two one-story and basement frame dwellings.
Owner—R. E. Chinnerfield, 1295 15th Ave., San Francisco.
Architect—None. \$4000 each

DWELLING

(938) SW TWENTY-SECOND AVE. and Ulloa. One-story and basement frame dwelling.
Owner—C Ingerman, 2395 20th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4000

RESIDENCE

(939) S SAN ANSELMO 100 N St. Francis Blvd. Two-story and basement frame residence.
Owner—Wm. Kreling, 140 Jordan Ave., San Francisco.
Architect—None.
Contractor—S. A. Born Bldg. Co., San Mateo. \$22,000

FLINGS

(940) NW LONDON 75, 200 and 225 NE Italy. Three one-story and basement frame dwellings.
Owner—Lindsay Constr. Co., 550 Joost Ave., San Francisco.
Architect—Nont. \$4000 ea

ALTERATIONS

(941) NO 256 MONTGOMERY. Alter and remodel second floor of brokerage office.
Owner—Carl Raiss & Co., Premises.
Architect—Kent & Haas, Underwood Bldg., San Francisco.
Contractor—The Pink & Schindler Co., 226 13th St., San Francisco. \$2000

APARTMENTS

(942) N LOUIVARD 151 W Scott. Three-story and basement frame (5) apartments.

Owner—W. A. Savage, 1116 Irving St. San Francisco.
Designer—N. Wethered, 16 Turk St., San Francisco. \$1.

DWELLING

(943) W NEWTON 200 S Rolph. One-story and basement frame dwelling.
Owner—Henry Warshawski, 6336 Mission St., San Francisco.
Architect—Thomas Bros., 142 Sanson St., San Francisco.
Contractor—Henry Erickson, 972 Chenery St., San Francisco. \$450

DWELLING

(944) E BEVERLY 300 S Shields. One-story and basement frame dwelling.
Owner—Fred W. Williamson, 566 29th Ave., San Francisco.
Architect—None. \$400

ADDITION

(945) NO. 1270 SILVER AVE. Add rooms, alter and remodel dwelling.
Owner—Mrs. Irene Younger, 1270 Silver Ave., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr. San Francisco. \$160

FLATS

(946) W TWENTY-FOURTH AVE 25 S Lincoln Way. Two-story and basement frame (2) flats.
Owner—Ben Heglin, 131 Congo St., San Francisco.
Architect—None. \$700

ALTERATIONS

(947) NO. 433 CLAY. Alter and remodel cigar factory.
Owner—Howard Estate Co., 344 Kearny St., San Francisco.
Architect—None.
Contractor—George Munne, 804 Montgomery St., San Francisco. \$105

ALTERATIONS

(948) NO. 227 FAIR OAKS. Build back porch, install private garage and alter flats.
Owner—William A. Ludwig, 754 Capp St., San Francisco.
Architect—None. \$1000

FLATS

(949) N ALVARADO 51 W San Jose Ave. Two-story and basement frame (2) flats.
Owner—Otto A. Klahn, 27 Chenery St. San Francisco.
Architect—None. \$8000

DWELLING

(950) NW ULLOA AND TWENTY-SIXTH AVE. One and one-half-story and basement frame dwelling.
Owner—Hilda Rose, 2182 14th Ave., San Francisco.
Architect—D. E. Jaekle, 395 Justin Drive San Francisco.
Contractor—Rose Bros., 2184 14th Ave., San Francisco. \$4000

DWELLING

(951) NE LAGUNA HONDA AND Hernandez. Two-story and basement frame dwelling.
Owner—Earl Stahl, 339 17th Ave., San Francisco.
Architect—W. A. Doctor, 1100 Ulloa St., San Francisco. \$5000

APARTMENTS

(952) N CHESTNUT 141-3 E Divisadero. Three-story and basement frame (21) apartments.
Owner—Louis R. Anderson, 37 Rico Way, San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$38,000

DWELLING

(953) NE EIGHTEENTH AVE AND Rivera. One-story and basement frame dwelling.
Owner—W. A. Devine, 1462 18th Ave., San Francisco.
Architect—None.
Contractor—L. E. Manseau, 1242 21st Ave., San Francisco. \$7000

DWELLING
(954) SW MAGELLAN & MONTALVO
Two-story and basement frame
dwelling.
Owner—Sam B. Goss, 1158 Brunswick
St., San Francisco.
Architect—None. \$9000

DWELLINGS
(955) W FORTY-THIRD AVE 100, 125
and 150 N Lawton. Three one-story
and basement frame dwellings.
Owner—Harder Bros., 870 39th Ave., San
Francisco.
Architect—None. \$4000 each

DWELLINGS
(956) SE HARPER 50 and 75 SW Ran-
dall. Two one-story and basement
frame dwellings.
Owner—A. Holmer, 174 Cuvier St., San
Francisco.
Architect—None. \$4000 each

APARTMENTS
(957) NE THIRTY-NINTH AVE AND
Geary. Three-story and basement
frame (6) apartments.
Owner—H. O. Lindeman, 619 27th Ave.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—W. R. Lindeman, 619 27th
Ave. \$14,500

ALTERATIONS
(958) NE MIGUEL AND LADLEY. Un-
derpin, alter and remodel dwelling.
Owner—Mrs. Marhine, 301 Miguel St.,
San Francisco.
Architect—None.
Contractor—Henry Erickson, 972 Chen-
ery St., San Francisco. \$2500

DWELLING
(959) E TWENTY-SEVENTH AVE 225
S Judah. One-story and basement
frame dwelling.
Owner—Ohlson & Almquist, 1626 24th
Ave., San Francisco.
Architect—None. \$4000

DWELLINGS
(960) E PRAGUE 25 and 50 N Persia
Ave. Two one-story and basement
frame dwellings.
Owner—A. R. Peterson, 1435 Church St.,
San Francisco.
Architect—None. \$3000 each

ALTERATIONS
(961) NO. 168-174 STEUART. Alter and
remodel warehouse.
Owner—Southern Pacific Railroad, 65
Market St., San Francisco.
Architect—Owner.
Contractor—William J. LaVore, 1274 Do-
lores St., San Francisco. \$2250

GARAGE
(962) N TARAVAL 32-6 E Eighteenth
Ave. One-story concrete public ga-
rage.
Owner—Luigi Stagi and G. Gulliano,
3329-A 24th Ave., San Francisco.
Architect—None. \$4000

DWELLING
(963) S BRUSSELS 50 E Olmstead. One-
story and basement frame dwelling.
Owner—F. Teupel, 729 Brussels St., San
Francisco.
Architect—None. \$3000

APARTMENTS
(964) SW IRVING AND THIRTY-
eighth Ave. Three-story and base-
ment frame (18) apartments.
Owner—Usnik Builders Inc., 736 Clem-
entina St., San Francisco.
Architect—Anton Usnik, 736 Clementina
St., San Francisco. \$15,000

DWELLINGS
(965) E TWENTY-NINTH AVE 125,
150, 175, 200 and 225 N Lawton. Five
one-story and basement frame dwlg.
Owner—Fred Warden, 1675 8th Ave., San
Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco. \$4000 each

DWELLINGS
(966) E TWENTY-SIXTH AVE 125, 150
and 200 N Moraga. Four one-
story and basement frame dwellings.
Owner—M. A. Whitelock, 2731 Anza St.,
San Francisco.
Architect—M. A. Doctor, 80 Ulloa St.,
San Francisco. \$4000 each

DWELLING
(967) S SANTIAGO 105 W 28th Ave.
One-story and basement frame
dwelling.
Owner—C. S. Allred, 391 Ashton Ave.
Architect—None. \$4,000
ALTERATION
(968) 3737 JACKSON ST. Alter rooms
in dwelling.
Owner—Arthur M. Brown, Jr., 3737
Jackson St.
Architect—A. S. Watts, 354 Hobart St.
Contractor—W. Lyons, 461 Market St
\$15,000

DWELLING
(969) S HEARST 275 E Edna. One-
story and basement frame dwelling.
Owner—G. Drivdahl, care of architects
Architect—Irvine & Ebbets, New Call
Bldg. \$3,000

DWELLING
(970) NE TWENTY-SIXTH and Doug-
las. One-story and basement frame
dwelling.
Owner—Ben Thompson, 157 Bartlett St.
Architect—None. \$3,000

ALTER SHOP
(971) 348 CLEMENT ST. Alter and
remodel butcher shop.
Owner—Ernest Fechner, 348 Clement St.
Architect—None
Contractor—Ed Zinkand & Son, 434 10th
Avenue. \$2,000

DWELLING
(972) E ANDOVER 26 5/4 N Crescent.
One-story and basement frame
dwelling.
Owner—G. Ferro, 679 Andover St.
Architect—None
Contractor—George Bergstrom, 112 Put-
man St. \$3,000

APARTMENTS
(973) S CALIFORNIA 138.5 W Lyon.
Three-story and basement frame
(12) apartments
Owner—C. Francis, 110 Sutter St.
Architect—David C. Coleman, 110 Sut-
ter St. \$25,000

DWELLING
(974) S THIRTIETH ST. 25 E Whit-
ney. One-story & basement frame
dwelling
Owner—William H. Grahm, 2965 Mission
Street
Architect—None. \$4,000

FLATS
(975) W BRODERICK 112.6 S Jackson.
Two-story and basement frame (2)
flats
Owner—L. A. Morrick, 744 Russ Bldg.
Architect—None
Contractor—Haley Bros., Russ Bldg.
\$8,000

DWELLING
(976) SE CHAVES and Rockdale. One-
story and basement frame dwelling
Owner—Meyer Bros., 727 Portola Drive
Architect—None. \$4,500

BRICK BLDG.
(977) W WOODWARD 170 S Duboce.
One-story reinforced concrete and
one-story brick building
Owner—Robson & Robson, De Young
Bldg.
Architect—None. \$10,000

APARTMENTS
(978) SW NORTH POINT & Brod-
erick. Three-story and basemen.
frame (12) apartments
Owner—T. B. Strand, 529 Pierce St.
Architect—Irvine & Ebbets, 72 New
Montgomery St. \$30,000

DWELLING
(979) N TWENTY-SIXTH ST. 26 E
Douglas. One-story and basement
frame dwelling
Owner—Ben Thompson, 157 Bartlett St.
Architect—None. \$3,000

DWELLING
(980) E DOUGLAS 64 & 89 N 26th
St. (2) One-story and basement
frame dwelling
Owner—Ben Thompson, 157 Bartlett St.
Architect—None. \$300 each

DWELLING
(981) W TWENTY-THIRD AVE 125 N
Vicente. One-story and basement
frame dwelling.
Owner—H. W. Bishop, 1373-A Minna St.,
San Francisco. \$4500
Architect—None.

ALTERATIONS
(982) NO. 1425 QUESADA AVE. Erect
stairs and rooms in building.
Owner—Sam Bojada, Premises.
Architect—None. \$1500

DWELLING
(983) N CAMELLIA 105.83 E Sliver
Ave. One-story and basement frame
dwelling.
Owner—Castle Bldg. Co., 830 Market St.,
San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St.,
San Francisco. \$4000

DWELLING
(984) SE BEMIS 187 SW Miguel. One-
story and basement frame dwelling.
Owner—Mrs. A. Carlson, 105 Biguel St.,
San Francisco.
Architect—None.
Contractor—A. Carlson, 105 Miguel St.,
San Francisco. \$2800

DWELLING
(985) E EIGHTEENTH AVE 175 S
Taraval. One-story and basement
frame dwelling.
Owner—C. W. De Vere, 146 McAllister
St., San Francisco.
Architect—F. C. Reed, 100 Vasquez Ave.,
San Francisco. \$3500

ALTERATIONS
(986) NO. 423 TWENTY-FOURTH AVE.
Install private garage and two rooms
Owner—S. Fusco, Premises.
Architect—None.
Contractor—S. Fandall, Redwood City.
\$1000

DWELLINGS
(987) W BAKER 33-6, 59-6 and 85-6 N
Francisco. Three one and one-half-
story and basement frame dwellings.
Owner—St. George Holden, 2901 Russ
Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—William L. Terry, 90 Allston
Way, San Francisco. \$5000 ea

DWELLING
(988) N BROAD 170 E Capitol. One-
story and basement frame dwelling.
Owner—Lindsay Constr. Co., 550 Joost
Ave., San Francisco.
Architect—None. \$4000

ALTERATIONS
(989) NO. 244 MONCADA. New garage
and convert old one into living
quarters.
Owner—R. Rossitter, Premises.
Architect—None.
Contractor—H. Pappenhausen, 595 Vic-
toria St., San Francisco. \$4000

ALTERATIONS
(990) NW SIXTEENTH AND CON-
necticut. Alter sheet metal shop.
Owner—Real Estate & Development Co.,
1130 Hearst Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, 181 South
Park, San Francisco. \$1000

TERMINAL
(991) BOUNDED BY BULKHEAD
line, Laguna St., Marina Blvd., Beach
and Webster Sts. Reinforced con-
crete foundation for freight terminal
Owner—S. F. Produce & Provision Ter-
minals, Financial Center Bldg., S. F.
Engineers—Ellison & Russell, Pacific
Bldg., San Francisco. \$1,000,000

DWELLING
(992) W EIGHTEENTH AVE 175 S
Noreiga. One-story and basement
frame dwelling.
Owner—Harriet Sevant.
Architect—None.
Contractor—A. H. Olsen, 91 Turk St.,
San Francisco. \$4000

DWELLING
(993) W THIRTY-FOURTH AVE. 100
N Anza. One-story and basement
frame dwelling.
Owner—J. C. Thomas, 452 42nd Ave.
Architect—None. \$3,500

HEATING SYSTEM
(994) HARRISON ST. Install heating
system in warehouse.
Owner—United Drug Co. (Lessee) No. 1
Harrison St.
Architect—None.
Contractor—Price Teltz, 683 Howard St.
\$1,000

APARTMENTS
(146) N. OAK ST. & 1789 E. Pierce
Three-story frame and basement frame
apartment building.
Owner—W. J. C. Co., 225 Chattanooga St.
Architect—None. \$21,000 each

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
146	Lindeman	Lindeman	30000
147	Wensten	Jacks	19378
148	Same	Same	7157
149	Thomas	Peterson	5456
150	Miller	Whissell	3879
151	St. Francis	Neal	3600
152	Same	Stephenson	86779
153	Bingley	Enterprise	1580
154	Debenedetti	Welch	1411
155	Sutter	Bradley	80000
156	Same	Gunn	5600
157	Cardinale	Ghiradelli	7848
158	Condit	Condit	
159	Grand	Reid	1499
160	Hibernia		4490

APARTMENTS
(146) W. NINETEENTH AVE 182-6 S
Lake St. 37-6xW 120. All work for
three-story frame apartment bldg.
Owner—H. O. Lindeman, Olmstead and
Brussels Sts., San Francisco.

Architect—None.
Contractor—W. R. Lindeman, \$29 44th
Ave., San Francisco.
Filed April 12, '28. Dated Mar. 8, '28.
Enclosed \$7500
Rough plastered 7500
Completed 7500
Usual 35 days 25%
TOTAL COST, \$30,000
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

ALTERATIONS
(147) NO. 1041 MARKET ST. Brick,
concrete, carpenter, dumbwaiter,
elevator enclosures, glass, glazing,
hardware, hardwood floors, plaster-
ing, painting, plumbing, roofing, etc.,
for alterations to building.
Owner—Isidor Weinstein Inv. Co., 1041
Market St., San Francisco.
Architect—Wm. Knowles, 1214 Webster
St., Oakland.
Contractor—Jacks & Irvine, 74 New
Montgomery St., San Francisco.
Filed April 12, '28. Dated April 4, '28.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$19,378
Bond, \$9689. Surety, Fidelity & Deposit
Co. of Maryland. Limit, 120 days. For-
feit, none. Plans and specifications filed.

ALTERATIONS
(148) NO. 1041-1043 TO 1045 MARKET
SE Market 325 SW Sixth SW 50 SE
165 NE 75 NW 75 SW 25 NE 90. All
work for cutting 8 openings in west
wall on ground floor for building.
Owner—Isidor Weinstein Inv. Co., 1041
Market St., San Francisco.
Architect—Wm. Knowles, 1214 Webster
St., Oakland.
Contractor—Jacks & Irvine, 74 New
Montgomery St., San Francisco.
Filed April 12, '28. Dated April 4, '28.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$7457
Bond, \$3728.50. Surety, Fidelity & De-
posit Co. Limit, 30 days. Forfeit, none.
Plans and specifications filed.

RESIDENCE
(149) E. HARTFORD, bet. 18th and 19th
Sts. No. 127 Hartford. All work for
one-story and garage frame residence.
Owner—Wm. E. and Mary J. Thomas,
127 Hartford St., San Francisco.
Architect—None.
Contractor—Arvid Peterson, 1620 8th
Ave., San Francisco.
Filed April 11, '28. Dated April 9, '28.
Paid to property in Santa Cruz
France up on account of above, \$1364
Plastered on above 386
Completed 978
Usual 35 days 1261
TOTAL COST, \$3456
Bond, none. Limit, July 25, 1928. For-
feit, none. Plans and specifications filed.

STORE BLDG.
(150) N. HALBOA 82-6 E. Fortieth Ave.
E. 25x100. All work for two-story
frame store and garage building.
Owner—Anna M. Miller.
Architect—None.

Contractor—E. W. Whissell (as The
Build A Home Co.)
Filed April 13, '28. Dated Mar. 17, '28.
Root on \$1467.50
Brown coated 1467.50
Completed 1467.50
Usual 35 days 1467.50
TOTAL COST, \$5870.00
Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

PAINTING
(151) INT. N. LINE LAND OWNED BY
Panama Pacific International Exposi-
tion Co. to City and County of S. F.
and W. Broderick W 300xN 200. All
work for painting club building.
Owner—The St. Francis Yacht Club.
Architect—Willis Polk & Co., 277 Pine
St., San Francisco.
Contractor—The Neal Co., 447 Ivy St.,
San Francisco.
Filed April 14, '28. Dated March —, '28.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$3600
Bond, none. Limit, 6 months. Forfeit,
none. Plans and specifications filed.

(152) ALL WORK EXCEPT PAINT-
ing on above.
Contractor—Stephenson Construction Co.,
Hearst Bldg., San Francisco.
Filed April 14, '28. Dated April 11, '28.
Payments same as above.
TOTAL COST, \$86,779
Bond, \$43,389.50. Surety, New York In-
demnity Co. Limit, 5 months. Forfeit,
none. Plans and specifications filed.

BUILDING
(153) S. HOWARD 75 W. Fourth W 50xS
80. Electrical equipment for re-
conditioning motors for two-story
and basement reinforced concrete
building.
Owner—L. B. Bingley, 1449 Page St.,
San Francisco.
Architect—Wm. H. Crim Jr., 425 Kearny
St., San Francisco.
Contractor—Enterprise Electric Works,
652 Mission St., San Francisco.
Filed April 17, '28. Dated April 11, '28.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$1580
Bond, \$790. Surety, Hartford Accident &
Indemnity Co. Limit, 5 days after paint-
ing done. Forfeit, none. Plans and
specifications filed.

CLASS C BLDG.
(154) NO. 838 GRANT AVE. All work
for roughing in of steam heating
piping, etc., for four-story Class C
building.
Owner—Rose F. Debenedetti and Regina
A. Cuneo.
Architect—Will H. Toepke, 74 New Mont-
gomery St., San Francisco.
Contractor—Dowd-Welch, 3558 16th St.,
San Francisco.
Filed April 17, '28. Dated Mar. 13, '28.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$1411
Bond, \$705.50. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as fast as
required. Forfeit, \$15. Plans and spec-
ifications filed.

HOTEL
(155) SE POWELL AND SUTTER 138-5
x115. Metal furring, lathing and
plastering for twenty-one-story and
basement hotel building.
Owner—The Sutter-Powell Realty Co.,
by Lindgren & Swinerton, Inc.,
Agents.
Architect—Weeks & Day, 405 Montgom-
ery St., San Francisco.
Contractor—Peter Bradley, 639 Brannan
St., San Francisco.
Filed April 17, '28. Dated Jan. 5, '28.
On 15th of each month 85%
36 days after 15%
TOTAL COST, \$80,000
Bond, \$80,000. Surety, Pacific Indemnity
Co. Limit, none. Forfeit, \$3. Plans and
specifications filed.

(156) REINFORCING STEEL ON above.
Contractor—Gunn Carle & Co., 444 Mar-
ket St., San Francisco.
Filed April 17, '28. Dated Jan. 23, '28.
Payments same as above.
TOTAL COST, \$5600
Bond, \$5600. Surety, Pacific Indemnity
Co. Limit, July 1, 1928. Forfeit, none.
Plans and specifications filed.

GARAGE
(157) COM. AT PT. 25 W OF NW COR.
Eighteenth and Mississippi N 100 E
25 S 100 W 25. All work for two-

story and basement frame garage
building.
Owner—John Cardinale, 806 Arkansas
St., San Francisco.
Architect—Frank M. Mayer, Pacific Bldg.,
San Francisco.
Contractor—John Ghiradelli, 1395 Natoma
St., San Francisco.
Filed April 18, '28. Dated April —, '28.
Tar and gravel roof on 25%
Plaster work completed 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$7848.50

Bond, \$3924.50. Sureties, Lorenzo Lavezz
and Eriksen & Wagner. Limit, 80 days.
Forfeit, \$10. Plans and specifications
filed.

RESIDENCES
(158) E. 38th AVE 125 S Santiago; E
38th Ave 150-125-225 S Santiago; four
1-story frame residences.
Owner—Benson C. Condit, San Francisco.
Architect—None.
Contractor—Condit & Maxam, 1175 How-
ard St., San Francisco.
Filed April 18, 1928. Dated March 1, 1928.
Payments to be made as work progress-
es and in full on completion.
For actual cost, plus \$10 each.
Bond, sureties, forfeit, limit, none; No
plans or specifications filed.

ELECTRICAL INSTALLATION
(159) 1053-55 MARKET St.; electrical in-
stallation in basement and 1st story
of building.
Owner—F. & W. Grand 5-10-25 Cent
Stores.
Architect—Reid Bros., 105 Montgomery
St., San Francisco.
Contractor—H. C. Reid & Co., 389 Clem-
entina St., San Francisco.
Filed April 18, 1928. Dated April 5, 1928.
Ceiling outlets installed 75%
Work completed balance equal to 75%
of contract price 25% 35 days after.
TOTAL COST, \$1499
Bond, \$1090. Sureties, Detroit Fidelity &
Surety Co.; forfeit, \$20; limit, without
delay; plans and spec. filed.

LATHING & PLASTERING
(160) NW MISSION & Norton W 50 x N
100; lathing and plastering bank bldg.
Owner—The Hibernia Svcs. & Loan.
Jones & McAllister, S. F.
Architect—Arthur Brown Jr., 251 Kearny
St., San Francisco.
Contractor—San Francisco Plastering &
Lathing Co., 872 Folsom St., S. F.
Filed April 18, 1928. Dated April 13, 1928.
Furring and lathing completed \$112.50
Completed and accepted 2245.00
35 days after 1122.50
TOTAL COST, \$2480
Bond, \$4490; sureties, Globe Indemnity
Co.; forfeit, none; limit, 20 days; plans
and spec. filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
April 11, 1928—W MOSCOW and Brazil			
Ave NW 100 x SW 75 ptn blk 73 Ex-			
celsior Hd. Assn. William M. French			
to whom it may concern.....April 10, 1928			
April 11, 1928—E NEVADA 180 N Court-			
land Ave. 25x100. A. L. Gray to			
whom it may concern.....April 11, 1928			
April 11, 1928—PTN LOTS 36 and 1 blk			
2891 Laguna Honda Park desc'd SE			
Hernandez Ave 6 NE from SW line			
lot 36; ptn lots 35 and 36 blk 2891			
same desc'd as SE Hernandez Ave			
10 NE lot 35; NE line lot 16 blk 2890			
Laguna Honda Park 36 SE Balcata			
Ave ptn lots 15 and 16 blk 2890 La-			
guna Honda Park. R. E. Giller to			
whom it may concern.....April 10, 1928			
April 11, 1928—E 25th AVE 100 S Law-			
ton S 25 x S 120. H. A. Sala to whom			
it may concern.....April 9, 1928			
April 11, 1928—W 29th AVE 450 S Judah			
S 50 x N 120. Henry Doelger to whom			
it may concern.....April 9, 1928			
April 10, 1928—S VALLEY W NOE W			
25 x S 114. Rosalio Vasquez to whom			
it may concern.....April 10, 1928			
April 10, 1928—S VALLEY 155 W NOE			
W alg S Valley 25 x S 114 Lot 42-6621			
C. E. Anderson to whom it may con-			
cern April 10, 1928			
April 10, 1928—W 28th AVE 150 N TAR-			
AVALE 25x120 known as 2371 28th A			
Ave. Jacob Ozanic to whom it may			
concern.....April 9, 1928			
April 10, 1928—NW ARAGO 100 SW			
Paulding. E. Alsebrook to whom it			
may concern.....April 9, 1928			
April 10, 1928—W DOUGLAS 32-6 S 21st			
26x110. Joseph Howard to whom it			
may concern.....April 10, 1928			

April 11, 1928—SW FULTON & Lyon W 31-3x100. Louise H. Kaufmann to Ed Rosemont. April 11, 1928
 April 10, 1928—W 25th AVE., 200 N Santiago. A. W. and J. E. Fermento to whom it may concern. April 10, 1928
 April 12, 1928—W 24th AVE 125 S Moraga to 125 S of Moraga. Harmon L. Richards to whom it may concern. April 4, 1928
 April 12, 1928—W 24th AVE 100 S Moraga to 125 S of Moraga. Harmon L. Richards to whom it may concern. April 4, 1928
 April 12, 1928—NW VIENNA 275 NE Russia Ave NE alg Vienna 25 x NW 100 ptn blk 56 Excelsior Hd Assn. George Harder to whom it may concern. April 11, 1928
 April 12, 1928—NW VIENNA 275 NE Russia Ave NE 25 x 100 ptn blk 56 Excelsior Hd Assn. George Harder to whom it may concern. April 11, 1928
 April 12, 1928—E LOMBARD 68-9 E Polk E alg N Lombard 68-9 E Polk E alg N Lombard 34-4 1/2 x N 137-6. Effa M. Pollard to whom it may concern. March 15, 1928
 April 12, 1928—W 22nd AVE 250 S Taraval S 25 x W 120. John Victor Westerlund to whom it may concern. April 12, 1928
 April 11, 1928—E FOLSOM 102 N 14th N 125 x E 75. James A. Clark to Meyer Bros. April 3, 1928
 April 11, 1928—E 30th AVE 174-7 N Balboa N 100 x E 120. Thos Hamill Building Co. to whom it may concern. April 10, 1928
 April 12, 1928—E OLMSTEAD and Brussels NE 120 x SE 75. H. O. Lindeman to W. R. Lindeman. April 11, 1928
 April 12, 1928—SE NAPLES 225 NE Russia and NE 25 x SE 100 ptn blk 50 Excelsior Hd. Assn. George Harder to whom it may concern. April 9, 1928
 April 12, 1928—E 21st AVE 172-3 N son to whom it may concern. April 6, 1928
 April 14, 1928—W OAKWOOD 86 S 18th. Marcellin Nonaux to Henry Erickson. April 14, 1928
 April 14, 1928—E CHENERY 51 S Surrey. Henry Erickson to whom it may concern. April 16, 1928
 April 14, 1928—W ORIZABA 150 N Stanley 25x100. F. J. and Belle Davis. April 14, 1928
 April 14, 1928—N 15th 92 W CASTRO N.27x55. John L. and Selma Johanson to W. L. Hermanson. April 14, 1928
 April 14, 1928—SW LAGUNA and Redwood 50x137-6. Germain Marty to Daniel Hayes. April 14, 1927
 April 13, 1928—N FRANCISCO 93 W Baker W 26 x 111-6. St. George Holden to whom it may concern. April 13, 1928
 April 13, 1928—75 ASHBURY Terrace. Ed W. Clifford to Isaac Penny. April 10, 1928
 April 13, 1928—LOT 19 BLK 2987 Map Claremont Court. W. A. and Elizabeth Callagy to whom it may concern. April 12, 1928
 April 13, 1928—E 30th AVE 100 S Judah 25x120. Robert and Gordon Leask to whom it may concern. April 12, 1928
 April 13, 1928—SW PIERCE and Beach 25x100. T. R. Scoble to whom it may concern. April 13, 1928
 April 13, 1928—LOT 3 BLK 10 St. Francis Wood. Hobart and Katherine Hutcherson to J. Prout. April 4, 1928
 April 13, 1928—LOTS 1, 15, 16 Blk 2960 Map Sub No 4 Miraloma Park. Meyer Bros. to whom it may concern. April 11, 1928
 April 17, 1928—S ALVARADO 205 E Diamond 25x100. Nels A. Sinnes to whom it may concern. April 16, 1928
 April 17, 1928—25x137-6 on S Jefferson 168-9 E Divisadero St. Wm. A. Wilson to Standard Building Co. April 16, 1928
 April 16, 1928—SW RUDDEN AVE 200 SE Delano Ave then alg SW Rudden Ave SE 25 m or 1 to pt which is distant 225 SE at right angles from SE Delano Ave then parl with SE line Delano Ave NE 100.842 to beg SW Rudden Ave 175 SE Delano Ave then alg SW Rudden Ave SE 25 m or 1 to pt which is distant 200 S Easterly at right angles from SE Delano SW 100.842 ft NW 25 NE 100.736 SW Rudden Ave 75 SE Delano SE 25 m or 1 SW 100.421 NW 25 NE 100.315. Walter E. Hansen to whom it may concern. April 11, 1928
 April 16, 1928—LOT K BLOCK 36

Resul 15 in blk 3273 also known as 1365 Monterey Blvd. and comg on S Monterey Blvd. 112.55 NE from int S Monterey Blvd. with E line Westgate Drive NE 47-9 S 100 SW 47-9 N 100 as per map blks 3260, 3263, 3273, 3274 Monterey Hgts. Richard H. Bell to whom it may concern. April 14, 1928
 April 16, 1928—NW SCOTT and Fulton W 125 x 70. Scott-Fulton Bldg Co., Inc., to Daniel Hayes. April 16, 1928
 April 16, 1928—LOT 43 BLK 8 Sunny-side Sub N line Forester 50 N Mangels 25x100. Francis J. Foster to whom it may concern. April 14, 1928
 April 16, 1928—W JOHNSTON 350 S Geary S 25 x W 112-6. Rena Fay to Arthur R. Siggs. April 16, 1928
 April 16, 1928—Comg int S Idora Ave with W bay line lot 7 blk 2916 S 11 beg 31 min. E alg lot 7 15 1-7-8 E 28-6 NE 31 m or 1 W 33-6 ptn lot 7 blk 2916 Alp Laguna Honda Park. T. J. Martin and C. A. Allen to whom it may concern. April 13, 1928
 April 16, 1928—LOT 42 BLK 8 Sunny-side Sub W line Forester 25 N Mangels 25x100. Francis J. Foster to whom it may concern. April 14, 1928
 April 16, 1928—S GROVE 175 E Divisadero E 33 x S 100. H. R. Sorenson to whom it may concern. April 14, 1928
 April 14, 1928—SE MINERVA & Plymouth Ave E 100 x S 100 E 50 S 25 150 to E Plymouth Ave W 125 and pt of beg. A. L. Kreuzberger to whom it may concern. April 14, 1928
 April 14, 1928—S ANZA 95 E 29th Ave. E 30 x S 100. W. C. MacGeorge to whom it may concern. April 2, 1928
 April 17, 1928—W 29th Ave 25 N Kirkham N 25 x W 82-6. John W. and Gertrude Rogers to whom it may concern. April 16, 1928
 April 17, 1928—W 29th Ave 50 N Kirkham N 25 x W 82-6. John W. and Gertrude Rogers to whom it may concern. April 16, 1928
 April 17, 1928—W 29th Ave 75 N Kirkham N 25 x W 85-6 S 25 E 82-6 to W 29th Ave and pt of beg. O. L. 740. John W. and Gertrude Rogers to whom it may concern. April 16, 1928
 April 17, 1928—SW MORAGA and 25th Ave W 157-6 x S 100. Alfred J. Kronquist to whom it may concern. April 17, 1928
 April 17, 1928—50 ft E on S Frederick from SE cor Frederick and Masonic Ave being 25x36 known as 31-33-35 Frederick St. Llewellyn DeCew to whom it may concern. April 17, 1928
 April 16, 1928—125 DORANTES Ave Forest Hill. W. W. Hayes and J. W. Barton to whom it may concern. April 16, 1928
 April 17, 1928—NO. 220 THIRTIETH Ave. Milton Meyer to D L Bienfield. April 12, 1928
 April 17, 1928—E 18th Ave 200 S Taraval S 25xE 120. Adelaide E Beck to whom it may concern. April 17, 1928

LIENS FILED

San Francisco County

Recorded Amount
 April 11, 1928—LOT 1 BLK 6417 Crocker Amazon Tract Sub No. 2 and desc'd. comg. E Naylor & Prague SE 66.29 E 24.6 NW 67.48 SW 24.6 to SE Prague. San Francisco Terrazzo Assn vs Francis E. O'Connor, Olga W. O'Connor, John L. Hardiman, Harriet C. Hardiman, Hardiman & O'Connor. \$74.50
 April 11, 1928—E EINHURGH & Russia SE 100 x NE 50. Harry B. Corlett, R. S. Mullin, George R. Nelson vs Alex G. and Olive Mattson, Thos. M. Foley. \$686
 April 11, 1928—NE RUSSIA and Edinburg 515 Russia. Andrew Hoem vs Alex G. Mattson. \$142
 April 11, 1928—S VALLEJO 137.6 W Gough W 60 x S 137.6. Acme Gravel Co. vs. California Real Estate & Finance Corp. and O. A. Brown and Primo Guaraldi as Acme Concrete Co. \$5973.67
 April 11, 1928—E NAYLOR and Prague. Wm. M. Garvey vs John L. Hardiman, Harriet C. Hardiman, Francis E and Olga W. O'Connor. \$12
 April 11, 1928—SE BRANNAN at its inter. with SW Stanford SW alg Brannan 8 x SE 206-3. A. M. Castle & Co. vs Crane Company and Rev Const. Co. \$2078.60
 April 11, 1928—S STANFORD & Brannan SE alg SW Stanford 206-3 x W 80 ptn blk 360 of 100 V also known as lots 27 and 28 blk 3788 on blk lot of Assessor. C. A. Wellman, A. E. Perley and L. B. Sibley as Sibley Dray-
 ing & Teaming Co. vs Crane Company and James C. Ray, as Ray Const. Co. \$100
 April 11, 1928—S ANZA 95 E 29th Ave. E 30 x S 100. Alvin Hiding vs Willard Whitelock, Herbert Budsell, Jay MacGeorge, W. Mac George as Mac George C., W. Mac George. \$100
 April 11, 1928—NE BUSH and Octavia E alg N Bush 30 x N 120 to S Austin ptn W a 150. Royal Floor Co. vs William Penzner. \$2650
 April 11, 1928—LOT 11 BLK 2483 West Portal Park also known as West Portal Park also known as Lot 11 Blk 2483 Assessor's Map. J. S. and Stephen Guerin as J. S. Guerin & Co. vs J. E. Sprague. \$688.43
 April 12, 1928—J. FILBERT 100 E Van Ness Ave E 27-6 x N 100-3 W 44. L. A. Hufschmidt as L. A. Hufschmidt Co. vs. Lacey Investment Co. and E. V. Lacey. \$1167
 April 12, 1928—E NAYLOR and Prague SE alg. NE Naylor 66.69 NE 45.47 NW 68.73 to SE Prague SW alg Prague 48.47 to pt of beg. being lot 1 blk 6417 Crocker Amazon Tract Sub. No. 2. Reinhardt Lumber and Planing Mill Co. vs. J. L. Hardiman and F. E. O'Connor as Happy Home Realty Co. \$1,882.80
 April 12, 1928—W 22nd AVE 210 N Vicente N 30 x W 120. Spring Valley Lumber Yard vs Bernhard and Lydia Kari. \$606.47
 April 12, 1928—NE BEACH and Divisadero N 50 x E 93-9 ptn W A 478. Western Lime & Cement Co. vs. Louis R. Anderson. \$260.80
 April 12, 1928—SW 18th and Missouri S alg W Missouri 25 x W 100 ptn P N blk 245. Thomas and James McKee vs Sam and Mary Mazen. \$166
 April 12, 1928—SW BRANNAN and Stanford extending W from said cor. approx. 80 in Brannan and approx. 206-3 S in Stanford. Palace Hardware Co. vs Crane Company and Const. Co. \$154.78
 April 12, 1928—NE BUSH & Octavia N 120 to S Austin Ave x E 30. John Eshia vs William L. Penzner. \$4522
 April 12, 1928—NE BEACH and Divisadero N alg E Divisadero 50 x E 93-9 W A 478. D. R. Campbell vs Louis R. Anderson. \$360.80
 April 12, 1928—NE BEACH and Divisadero E alg N Beach 93-9 x N 50. Incandescent Supply Co. vs. Louis R. and Brigit Anderson. \$523.75
 April 12, 1928—NE BEACH and Divisadero dscd E Divisadero 50 N Beach S alg E Divisadero to pt of inter. N Beach E alg N Beach 93.9 N 50 W 93.9 to E Divisadero and pt of be. Sutton & Manning vs Louis R. Anderson. \$3681
 April 12, 1928—W 11th AVE 250 S California S 23 alg. W 11th Ave W 120. M. Schimetschek vs R. Leon Lawrence and Lester I. Frank. \$705
 April 12, 1928—NE RUSSIA and Edinburg. Edward Munk vs Alex Mattson, Clyde Walker and Thos. M. Foley. \$205.50
 April 12, 1928—SW 18th and Missouri S 25 x W 100. Joost Brothers Inc. vs Sam and Mary Mazen. \$386
 April 12, 1928—S 18th and Missouri W 25 x S 100 ptn 245. Frank Ostrowski vs Sam Mazen, Mary Mazen and John Sutton. \$440
 April 13, 1928—415 DOUGLAS. Floyd Hartley vs Mannie Long. \$90
 April 13, 1928—W MASON 110-1 1/2 N Jackson N 31-4 1/2 alg W Mason x W 137-6. Royal Floor Co. vs Edna B. and R. J. Stemple. \$745
 April 13, 1928—NW JEFFERSON and Baker N alg Baker 93.375 x W 120 ptn W A 562. J. M. Coates vs Eugene and Carmelita Aureguy. \$232.15
 April 13, 1928—NE HAIGHT and Broderick E alg Haight 47-6 x N 112-6 W A 518. S. S. Herrick as Herrick Iron Works vs Bessie Cooley. \$2496.10
 April 13, 1928—NW JEFFERSON and Baker N alg Baker 93.375 x W 120 W A 562. Kronke-Brompton Co. Inc. vs Martin Allan and Carmelita Aureguy. \$25
 April 13, 1928—W MASON 68-9 N Jackson N 31-4 1/2 alg W Mason x 137-6. Royal Floor Company vs Edna B. and R. J. Stemple. \$715
 April 13, 1928—NW JEFFERSON and Baker N 95.375 x W 120 W A 562. Robert A. Hutchison and R. L. Mills as Hutchison & Mills vs Martin Allan, Carmelita Aureguy and Eugene Aureguy. \$254.16
 April 13, 1928—E MISSION 46 S 23rd S 40 E 122-6 N 85 to 23rd W 27.6 S 45 N 85 to beg lot 32 blk 3642. Leon Hayes as Pacific Artificial Stone

April 14, 1928—E. RUSSIA Ave and Ed-
inburgh NE 50 x 82 100 being pth
bk 45 Excelsior Hld Assn. W. Fer-
mer and C. McCreia vs Alex G. and
Olive Mattson and Thos. M. Foley. \$225

April 14, 1928—N PARALLONES 390 E
Orizaba E 75 x N 125 lot 7 blk 7105.
H. R. Faltin (as Granada Art Tile Co.)
vs Fred C. and Lucilla W. Wolpert. \$131

April 14, 1928—SW JEFFERSON and
Scott S alg W Scott 50 x W 93-9.
George R. Nelson, Harry B. Corlett
and R. J. Mullin vs Louis R. and
Brigit Anderson. \$360

April 14, 1928—W MASON 68-9 N Jack-
son E 31-4 1/2 x W 137-6. Sudden
Lumber Co. vs Edna B. and R. J.
Stempel. \$330.64

April 14, 1928—W MASON 68-9 N
Jackson N 31-4 1/2 x W 137-6. S. Sei-
bovitch & S. Cazzola (as National
Sheet Metal Works) vs Edna R. and
R. J. Stempel. \$1010

April 14, 1928—W MASON 100-1 1/2 N
Jackson N 31-4 1/2 x W 137-6. Sud-
den Lumber Co. vs Edna B. and R. J.
Stempel. \$348.32

April 4, 1928—W 39th AVE S Judah S
25 x W 120. James E. Lennon Lime
& Cement Company vs Henry Doelger
and Harry Hunter. \$320

April 17, 1928—NE EDINBURGH AND
Russia E 100xN 50 Lot 18 Blk 6089,
Excelsior Holding Assn., Carjolee
Wall Paper Co., Inc vs Alexander G.
and Olive Mattson and Thomas
Foley. \$200

April 17, 1928—NE BUSH and Octavia
E alg N Bush 30 x N 20. Tyre Bros
Glass Co. vs W. L. Penziner. \$1,693.24

April 17, 1928—W 22nd AVE 210 N Vi-
cente AVE N alg W 22nd AVE 30 x
W 120. Guy L. Wayne (as Wayne
Mill-work & Lumber Co.) vs Bern-
hard and Lydia K. Kari. \$153.75

April 17, 1928—LOT 7 BLK A Ashbury
Park Tract also known as Lot 7 blk
2705 Assessor's Map. H. & H. Roof-
ing Co., Inc vs Ray Lee Jones,
Edythe B. Schuetz and Charles E.
Schuetz. \$220

April 17, 1928—NE COR Russia and
Edinburgh blk 6089 lot 18. Edward
Mikkelsen vs Alex Mattson, Clyde
Walker and Thos. M. Foley. \$226.64

April 17, 1928—NE RUSSIA AVE and
Edinburgh. Edward Allen Harkins
vs Alex Mattson, Clyde Walker and
Thos. M. Foley. \$84

April 16, 1928—NE RUSSIA and Ed-
inburgh. Walter A. Harrison vs
Alex Mattson, Clyde Walker and
Thos. M. Foley. \$88.50

April 16, 1928—E 19th AVE 200 S
Ortega S 25 x E 120. Ginsberg Tile
Co. vs N. Kapustin. \$69.68

April 16, 1928—NE RUSSIA AVE and
Edinburgh NE alg Russia AVE dist
50 x 82 170 SW 50 to N Edinburgh
NW alg Edinburgh to pt of beg. J.
H. McCallum vs A. G. Mattson and
Thomas M. Foley. \$2493.37

April 16, 1928—N E BEACH and Di-
visadero N alg E Divisadero 50 x
E 93-9. J. H. McCallum vs Louis R.
Anderson and Brigit Anderson. \$725.65

RELEASE OF LIENS

San Francisco County

Recorded	Amount
April 10, 1928—E 36th AVE 250 N SAN- TIAGO 25x120. California Builders' Supply Co. to J. Lone and Marv E Reynolds. \$1125	
April 11, 1928—E 17th AVE 150 N Or- tega N 75 x E 120. Federal Const. Co. vs William D. and Annie B. Shoa. \$1125	
April 11, 1928—LOTS 16 and 17 blk E Columbia Heights. Albert Dean to Mario Archini and Nick Larson. \$	
April 12, 1928—NE CALIFORNIA 77 25th AVE N 25 x E 95. M. Stulsaft Co. to R. L. Reynolds. \$	
April 13, 1928—1620 or 19 S CLEMENT 27 x E 15th AVE E 52-6 x S 100 being pth Richmond Blk 195, also known as Assessor's map as lots 48 and 49 blk 140. Hirs Dobkowitz to I. Epp & Son. \$200	

April 16, 1928—SE 15th and Valencia S
10 x 12 100. Golden Gate Atlas Ma-
terials Co. vs Jules Vessette and E.
G. Ward. \$2527.99

April 16, 1928—LOTS 601, 603, 605, 607
cont. Map L. Loop Lumber Co. vs W.
H. G. and Elenore Down. \$930.26

BUILDING PERMIT
APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
848	Cadman	Stalte	450
849	Glurud	Owner	600
850	Henshaw	Maurer	20000
851	Moller	Trow	250
852	Roney	Beckett	525
853	Blackman	Boeddeker	3000
854	Fleming	Owner	3650
855	Beebe	Owner	2000
856	Gerow	Robertson	43000
857	Shredded	Owner	4500
858	Miller	Owner	13000
859	McCook	Smith	3000
860	Coggins	Reste	10000
861	Hunter	Owner	9000
862	Netherby	Owner	4000
863	Palmer	Moore	110
864	Rockwell	Nelson	5000
865	Vaughan	Owner	30
866	West	Owner	3400
867	McKowen	Erickson	6500
868	Combs	Combs	9250
869	Dalmon	Gaubert	10000
870	Haug	Owner	4800
871	Viner	Bay	2000
872	Viner	Bay	2900
873	Young	Conlogue	3000
874	Delanoy	Pickrell	6500
875	Kemp	Hambleton	6100
876	Ihrig	Thorpe	7000
877	Salisbury	Lee	2500
878	Testa	Ketterer	1000
879	Brennan	Williams	2800
880	Meyer	Meyer	5500
881	Peterson	Owner	3000
882	Stolte	Owner	1100
883	Wilson	Owner	1200
884	Lougher	Olson	12
885	Pacific	Peterson	1200
886	Leland	Owner	3125
887	Radke	Mogk	3500
888	Radke	Mogk	3600
889	Standard	Oakland	1750
890	Smith	Cederborg	13205
891	Standard	Oakland	1750
892	Gorrill	Owner	15000
893	Annis	Owner	3500
894	Church	Bortveit	6500
895	Church	Beckett	1500
896	Johnson	Owner	3500
897	Kirkbride	Hitchcock	2150
898	Paraffin	MacDonald	18000
899	Same	Same	7000
900	Same	Same	40000
901	Wellman	Miska	5000
902	Woodburn	Owner	9975
903	Woodburn	Owner	9500
904	Bent	Owner	1600
905	Legriss	Owner	9000
906	Ragno	Owner	3000
907	Phil	Henderson	25000
908	Polard	Hooper	14000
909	Wright	Henderson	8500

ALTERATIONS

(848) 148 ESTATES DRIVE, Piedmont;
alterations.
Owner—P. F. Cadman, 148 Estates Drive.
Piedmont.
Architect—Newsom Bros., 606 Federal
Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna.
Oakland. \$4950

RESIDENCE & GARAGE

(849) 72 OAKMONT AVE., Piedmont; 2-
story 6-room frame residence and ga-
rage.
Owner—Carl Glorud, 2030 Hopkins St.,
Oakland.
Architect—None \$6000

RESIDENCE & GARAGE

(850) 370 HAMPTON ROAD, Piedmont;
2-story 9-room frame residence and
garage.
Owner—Mrs. Grace T. Henshaw, Cor. La
Salle and King Ave., Piedmont.
Architect—Newsom Bros., 606 Federal
Bldg., Oakland.
Contractor—Geo. J. Maurer Co., 50 York
Drive, Piedmont. \$20,000

ALTERATIONS

(851) 76 SEAVIEW AVE., Piedmont; al-
terations.
Owner—Mrs. Annie Moller, 76 Seaview
Ave., Piedmont.
Architect—Albert Farr, 68 Post St., S. F.
Contractor—Thas. L. Trow, 533 Agate St.
Oakland. \$2500

RESIDENCE & GARAGE

(852) 641 SCENIC AVE., Piedmont; 1-
story 5-room frame residence and ga-
rage.
Owner—Nelle Roney, 722 Scenic Ave.,
Piedmont.
Architect—Ray F. Keefer, 1624 Franklin
St., Oakland.
Contractor—Beckett-Wight, 722 Scenic
Ave., Piedmont. \$525

WAREHOUSE

(853) NE 12th ST., 65 W High St., Oak-
land; 1-story tile warehouse.
Owner—E. L. Blackman, High St. and
Tidal Canal, Oakland.
Architect—None.
Contractor—Joe Boeddeker, 1814 34th
Ave., Oakland. \$3000

DWELLING & GARAGE

(854) 2427 HAVENSCOURT BLVD., Oak-
land; 1-story 6-room dwelling and 1-
story garage.
Owner—Fleming Bros., 3828 Sutter St.,
Oakland.
Architect—None. \$3500 and \$1500

DWELLING

(855) W 34th AVE., 400 N Foothill Blvd
Oakland; 1-story 5-room dwelling.
Owner—T. M. Beebe, 2103 34th Ave.,
Oakland.
Architect—None. \$2000

APARTMENTS

(856) 291 LESTER AVE., Oakland; 3-
story 57-room apartments.
Owner—Rachel E. Gerow, 1215 Regen-
St., Alameda.
Architect—None.
Contractor—H. L. Robertson, 4150 Broad-
way. \$43,000

GARAGE

(857) W UNION ST., 31 S 14th St.
Oakland; 1-story brick garage.
Owner—Shredded Wheat Co., 14th and
Union Sts., Oakland.
Architect—None. \$4500

APARTMENT

(858) 2536 VIRGINIA ST., Berkeley; 2-
story 16-room 4-family apt.
Owner—Miller, White & Co., 6407 Reg-
ent St., Oakland.
Architect—None. \$13,000

DWELLING

(859) 1108-10 FRANCISCO ST., Berkeley
Two 1-story 12-room 4-family dwellings

DWELLINGS

Owner—Mildred Combs, 619 Everett St.,
El Cerrito.
Architect—C. Broomhouser.
Contractor—Joe Combs. \$9250

RESIDENCE & GARAGE

(860) 775 CALUSA AVE., Berkeley.
Two-story 5-room 1-family residence and
garage.
Owner—McCook, San Francisco.
Architect—None.
Contractor—J. Harry Smith, 677 Santa
Barbara Rd., Berkeley. \$3000

DWELLING

(861) 964 INDIAN ROCK AVE., Berke-
ley; 2-story 9-room 1-family dwell-
ing.
Owner—L. Y. Coggins, 2441 Haste St.,
Berkeley.
Architect—Harold Stoner, 1243 Cavan-
ough Road, Berkeley.
Contractor—Davis Reste, 2217 Browning
St., Berkeley. \$10,000

RESIDENCE

(862) 1889 YOSEMITE AVE., Berkeley;
2-story 7-room 1-family residence.
Owner and Builder—Mathew Hunter, 2100
Woolsey St., Berkeley.
Architect—None. \$9000

DWELLING

(863) SE COR. MONTEREY and 35th
Ave., Oakland; 1-story 6-room dwell-
ing.
Owner—W. A. Netherby, 2879 Fruitvale
Ave., Oakland.
Architect—None. \$4000

ALTERATIONS

(864) 1315 EXCELSIOR AVE., Oakland;
alterations.
Owner—Mrs. Palmer, 1315 Excelsior Ave.,
Oakland.
Architect—None.
Contractor—C. T. Moore, 446 38th St.,
Oakland.

APARTMENTS

(865) NE COR. 26th AVE. and Foothill
Blvd. Oakland; 3-story 95-room apts.
Owner—N. E. Rockwell, 1136 75th Ave.,
Oakland.

Architect—H. S. McFarland, 5115 Des-
mond St., Oakland.
Contractor—Henry Neison, 1757 26th Ave.,
Oakland. \$50,000

WELLING
60) 96th AVE., 110 N Birch St.,
Oakland; 1-story 5-room dwelling.
Owner—Dennis Vaughan, 2103 89th Ave.,
Oakland.
Architect—None. \$300

WELLING
67) S 98th AVE., 180 N Derby St.,
Oakland; 1-story 5-room dwelling.
Owner—A. R. West, 357 Millsview St.,
San Leandro.
Architect—None. \$3400

RESIDENCE
68) 2295-97-99, McGEE AVE., Berke-
ley; one-story 12-room 3-family resi-
dence.
Owner—I. J. McKowen, 1917 Bancroft
Way, Berkeley.
Architect—N. Larson.
Contractor—Erickson & Son, 1055 Nielson
St., Berkeley. \$6500

APARTMENTS
69) S 29th ST. 170 E San Pablo Ave.,
Berkeley; 2-story 17-room apts.
Owner—C. Dalmon, 865 29th St., Oakland.
Architect—Paul LaVergne, 3121 San Pablo
Oakland.
Contractor—Gaubert Bros., 4735 Brook-
dale Ave., Oakland. \$10,000

WELLING
70) W LINCOLN AVE. 200 N Scenic
Blvd., Oakland; 1½-story dwelling.
Owner—C. Haug, 3735 Lincoln Ave., Oak-
land.
Architect—None. \$400

WELLING
71) 1526 37th ST., Oakland; 1-story 4-
room dwelling.
Owner—H. R. Viner, 1526 37th Ave., Oak-
land.
Architect—None. \$2000

WELLING
72) 1528 37th AVE., Oakland; 1-story
5-room dwelling.
Owner—H. R. Viner, 1526 37th Ave., Oak-
land.
Architect—None.
Contractor—Bay City Bldg. & Invest. Co.,
337 15th St., Oakland. \$2900

WELLING
73) SW COR. 22nd AVE. and Austin
St., Oakland; 1-story 6-room dwelling.
Owner—Mrs. T. H. Young, no address.
Architect—None.
Contractor—F. W. Conlogue, 2539 66th
Ave., Oakland. \$3000

ALTERATIONS
74) 2301 CENTRAL AVE., Alameda;
alter building into salesroom and gar-
rage.
Owner—Jessie J. Delaney, Central Bank
Bldg., Alameda, Cal.
Architect—None.
Contractor—J. H. Pickerell, 332 Santa
Clara Ave., Alameda. \$6500

WELLING
75) 1815 ALAMEDA AVE., Alameda;
1-story 6-room dwelling, cement pla-
ter finish.
Owner—Elizabeth J. Kemp, 2029 Central
Ave., Alameda.
Architect—A. Reinhold Denke, 222 Dal-
ziel Bldg., Oakland.
Contractor—Fred Hambleton, 1005 Chat-
ham Road, Oakland. \$6100

WELLING
76) 1720 CORNELL DRIVE, Alameda;
2-story 7-room dwelling; stucco finish.
Owner—William H. Ihrig, 1162 Broadway,
Alameda.
Architect—W. C. Thorpe, 1177 Regent St.,
Alameda.
Contractor—Architect. \$700

WELLING
77) 3246 THOMPSON AVE., Alameda;
1-story 5-room dwelling; stucco fin-
ish.
Owner—Miss Effie Salisbury, 1500 Ver-
sailles Ave., Alameda.
Architect—Samuel Lee, 1500 Versailles
Ave., Alameda.
Contractor—Architect. \$3500

REPAIR
78) SW COR WEBSTER St. and
Buena Vista, Alameda; repair shop
and garage.
Owner—F. Testa, 2508 Calhoun St., Ala-
meda.

Architect—None.
Contractor—H. Ketterer, Alameda. \$1000

DWELLING
(879) N THIRTY-NINTH 200 E Grove,
Oakland. One-story 5-room dwelling
Owner—Martin Brennan, 658 Oakland
Ave., Oakland.
Architect—None.
Contractor—E. M. Williams, 3761 Alga-
dale Ave., Oakland. \$2800

DWELLING
(880) S BARROWS ROAD 100 E Cava-
naugh Road, Oakland. One and one-
half-story 6-room dwelling.
Owner—Harold L. Meyer, 543 28th St.,
Oakland.
Architect—None.
Contractor—Earl W. Meyer, 3020 55th
Ave., Oakland.

DWELLING
(881) S CASTERLINE ROAD 160 W
Waterhouse Road, Oakland. One-
story 5-room dwelling.
Owner—Gustaf Peterson, 2530 E-22nd St
Oakland.
Architect—None. \$3000

ADDITION
(882) NO. 464 EIGHTH ST., Oakland.
Brick addition.
Owner—F. C. Stolte, 3455 Laguna Ave.,
Oakland.
Architect—None. \$1100

ADDITION
(883) NO. 9836 SCOTT ST., Oakland.
Addition.
Owner—C. A. Wilson, 9834 Scott St.,
Oakland.
Architect—None. \$1200

ALTERATIONS
(884) 1735 SAN LORENZO Ave., Berk-
eley; alterations.
Owner—F. Lougher.
Architect—None.
Contractor—Olson & Gould, 1050 Peralta
Ave., Albany. \$1200

STORE
(885) 2749 TELEGRAPH Ave., Berkeley;
1-story 1-room store.
Owner—Pacific Coast Engineering Co.,
2000 14th St., Oakland.
Architect—Pacific Coast Engineering Co.,
2000 14th St., Oakland.
Contractor—C. E. Peterson, 509 40th St.,
Oakland. \$1200

DWELLING & GARAGE
(886) 2939 PARTIDGE Ave., Oakland;
1-story 4-room dwelling and 1-story
garage.
Owner—Mr. and Mrs. Leland, 2939 Part-
ridge Ave., Oakland.
Architect—None. \$3000 and \$125

DWELLING
(887) 3156 SHEFFIELD St., Oakland; 1-
story 5-room dwelling.
Owner—G. A. Radke, 5725 Shattuck Ave.,
Oakland.
Architect—None.
Contractor—J. H. Mogk, 3752 Magee Ave.,
Oakland. \$2500

DWELLING
(888) 3157 McKILLOP ROAD, Oakland;
1-story 5-room dwelling.
Owner—G. A. Radke, 5725 Shattuck Ave.,
Oakland.
Architect—None.
Contractor—J. H. Mogk, 3752 Magee Ave.,
Oakland. \$3600

(889) SE COR BROADWAY and Broad-
way Terrace, Oakland; 1-story brick
and tile conc. service station.
Owner—Standard Oil Co., Tapscott Bldg.,
Oakland.
Architect—None.
Contractor—Oakland Steel Bldg. Co., 3501
Lakeshore Ave., Oakland. \$1000

DWELLING
(890) E ALLSTON AVE., 250 S Ocean
View Drive, Oakland; 2-story 7-room
dwelling.
Owner—Samuel M. Smith, no address.
Architect—Albert Farr, 68 Post St., San
Francisco.
Contractor—A. Cederborg, 1455 Excelsior
Ave., Oakland. \$132

SERVICE STATION
(891) GORE BROADWAY and Mather
St., Oakland; 1-story tile and conc.
service station.
Owner—Standard Oil Co., Tapscott Bldg.,
Oakland.
Architect—None.
Contractor—Oakland Steel Bldg
Lakeshore Ave., Oakland. \$1700

STORE BLDG.
(892) 2258-2260-2262 TELEGRAPH Ave.,
Berkeley; 1-story class C store bldg.
(3 stores).
Owner—Mrs. Ida Gorrill, Ray Bldg., Oak-
land.
Architect & Contractor—McWethy &
Greenleaf, 374 17th St., Oakland. \$15,000

RESIDENCE
(893) NO. 2117 SPAULDING AVE., Berke-
ley. One-story 6-room 1-family
residence.
Owner—C. H. Annis, 1806 Allston Way,
Berkeley.
Architect—None. \$3500

RESIDENCE
(894) NO. 1004½ CRAGMONT AVE.,
Berkeley. Two-story 6-room resi-
dence.
Owner—D. and Mrs. C. H. Church, 1004
Cragmont Ave., Berkeley.
Architect—E. A. Nickel, 1935 Berryman
St., Berkeley.
Contractor—Bortveit & Morton, 2442
Russell St., Berkeley. \$6500

ALTERATIONS
(895) NO. 1799 SOLANO AVE., Ber-
keley. Alterations.
Owner—Geo. Friend & Co.
Architect—None.
Contractor—Beckett & Wright \$1500

RESIDENCE
(896) NO. 1232 BURNETT ST. Berke-
ley. One-story 5-room residence.
Owner—J. A. Johnson, 1904 Myrtle St.,
Oakland.
Architect—None. \$3500

ALTERATIONS
(897) E EMERY ST. 125 S Forty-fifth
St., Emeryville. Alter cleaning plant
Owner—A. E. Kirkbride, 856 32nd St.,
Oakland.
Architect—Raymond De Sanno, 271 10th
St., Richmond.
Contractor—H. H. Hitchcock, 856 32nd
St., Oakland. \$2150

ADDITION
(898) PARAFFINE CO'S INC. PTY.,
Emeryville. Two-story Class C mill
building extension.
Owner—Paraffine Co's., Inc., Foot of
Powell St., Emeryville.
Consulting Eng.—Leland S. Rosener, 233
Sansome St., San Francisco.
Contractor—MacDonald & Kahn, Inc.,
Financial Center Bldg., San Fran-
cisco. \$18,000

ALTERATIONS
(899) PARAFFINE CO'S INC. PTY.,
Emeryville. One-story Class C mill
building extension.
Owner—Paraffine Co's., Inc., Foot of
Powell St., Emeryville.
Consulting Eng.—Leland S. Rosener, 233
Sansome St., San Francisco.
Contractor—MacDonald & Kahn, Inc.,
Financial Center Bldg., San Fran-
cisco. \$7000

ALTERATIONS
(900) PARAFFINE CO'S INC. PTY.,
Emeryville. Remodel roof of factory.
Owner—Paraffine Co's., Inc., Foot of
Powell St., Emeryville.
Consulting Eng.—Leland S. Rosener, 233
Sansome St., San Francisco.
Contractor—MacDonald & Kahn, Inc.,
Financial Center Bldg., San Fran-
cisco. \$40,000

RESIDENCE
(901) NO. 61 ROCK LANE, Berkeley.
One-story 6-room residence and gar-
rage.
Owner—R. H. Wellman, 1035 Ordway
Ave., Berkeley.
Architect—W. L. Brodrick, Berkeley.
Contractor—Aaro Miska, 1142 Allston
Way, Berkeley. \$5000

RESIDENCE
(902) NO. 124 CAPERTON AVE., Pied-
mont. Two-story 9-room frame resi-
dence and garage.
Owner—P. E. Woodburn, 624 Prospect
Ave., Oakland.
Architect—None. \$9975

RESIDENCE
(903) NO. 135 WALDO AVE., Piedmont
Two-story 9-room frame residence
and garage.
Owner—R. C. Woodburn, 579 Radnor
Road, Oakland.
Architect—None. \$9500

Eugene V. Swayne to whom it may concern. April 11, 1928
 April 17, 1928—N ORCHARD ST 150 ft. W of Summit St., Oakland. Peralta Hospital Inc. fmlly Hillcrest Hospital Inc. to Peerless Ornamental Iron & Bronze Co. April 10, 1928
 April 17, 1928—N ORCHARD St. 150 ft. W of Summit St. Oakland. Peralta Hospital Inc. fmlly Hillcrest Hospital Inc. to P. Grassi & Co. April 7, 1928

LIENS FILED

Alameda County

Recorded Amount

April 13, 1928—L02 244 Map of Unit C Oak Knoll, Oakland. Central Bldg. Mtl. Co. vs Glenn M. and Ruby Bright and F. E. Flaherty. \$200.60
 April 13, 1928—W CALIFORNIA St. 90 ft. S of Julia St., Berkeley. N. E. Burch vs Germain and M. Vergnes. \$1,112
 April 13, 1928—1217 CAMPUS Drive, Berkeley. P. O. Johnson vs Peter Nelson. \$400
 April 13, 1928—1217 CAMPUS Drive, Berkeley. Johnson Floor Co. vs Peter Nelson. \$250
 April 13, 1928—PTN LOTS 3 and 4 blk 1 Melrose Acres, Alameda Co. W. E. Drake vs Carrie M. Eulass and Geo. Longfellow. \$56.64
 April 13, 1928—LOT 38 Blk 12, Chevrolet Park, Oakland. W. E. Wilson vs H. A. Smith. \$271
 April 13, 1928—LOT 46 and ptn lot 47 Unit C, Oak Knoll, Oakland. J. H. Witt vs Leonard M. and Emma Barber. \$425.66

April 11, 1928—S 38th AVE 104.15 E Angelo Ave., Oakland. Jasper-Stacey Goldsmith. \$2570.69
 April 11, 1928—PTN LOT 102 Pleasant Valley Court, Oakland. California Elec. Co. vs Anthony Tazer, Title Ins. & Guarantee Co. and Oil Burning Eq. Co. \$251.05

April 11, 1928—1142 CLARENDON Ave., Oakland. Oil Burning Eq. Co., \$115.50
 Calif. Elec. Co., \$65, vs Warren D. & Katherine K. Forder, W. W. Garthwait, J. Y. Eccleston and G. Robt. Sterne.

April 10, 1928—LOT 38 BLK 12 Chevrolet Park, Oakland. Wm. J. Souza vs Harry A. Smith. \$180
 April 9, 1928—PTN LOT 8 BLK 1, Shaw Tract, Berkeley. Jas. A. Davis Co. vs Lucile and Gilbert H. Vicars and Shipley & King, and M. S. Foss. \$240.50

April 16, 1928—E LINE of 88th Ave 149 ft. N of E St., Oakland. Fred Schmidt vs L. B. Frederick, C. J. Krattennack, J. Schmidt. \$115.80
 April 16, 1928—NW VINE and Valero St., Mission, San Jose. Alameda Co. Tilden Lumber & Mill Co. vs Anna Brown and P. V. Andre. \$194.65
 April 16, 1928—LOT 293 Unit C Oaknoll. J. Kemble vs Benny Johnston. \$253.26

April 16, 1928—159 LAKE St., Oaknoll. A. Sayers vs E. C. Purcell. \$68.43
 April 16, 1928—LOTS 15 and 16 Blk 5 Oaknoll. Rigney Tile Co. vs Ray and Elsie Linzack and J. F. Sutton. \$97
 April 16, 1928—LOT 46 Park 46 Unit C Oaknoll. Kerr & Clifford vs L. M. and Emma W. Barker. \$306.85

April 16, 1928—WEST LINE Calif St. 150 ft. N Ashby Ave, Berkeley. Makin, Oates & Kennedy vs J. and Marina Zerenes. \$94.25
 April 16, 1928—LOT 15 ptns Lot 16 Blk D Lakeshore Drive, Oakland. Garrett Mill & Lumber Co. vs H. Stoner and The National Co. \$17.98

April 16, 1928—LOT 207 Berkeley View Terrace, Berkeley. E. R. Burris, \$40.10; Calif. Builders Supply Co., \$63.95; J. S. Evers, \$320.60, vs Peter and Bettie Nelson.

RELEASE OF LIENS

Alameda County

April 10, 1928—368 49th ST., Oakland. Gloria Bushberg to Salvatore Toschi, Egido Evangelisti, Adolfo Corruccini. \$98.80
 April 10, 1928—PTN LOTS 8 and 9 Lawton Ave Tct., Oakland. D. J. Reboli to Salvatore Toschi. \$31.3
 April 10, 1928—PTN LOTS 8 and 9 Lawton Ave. Tract., Oakland. J. B. Ginochio to E. Evangelisti. \$111
 April 10, 1928—PTN LOTS 8 and 9 Lawton Ave. Tract., Oakland. Joseph A. Tiorio to E. Evangelisti, et al. \$124.19
 April 10, 1928—368 49th ST., Oakland. Standard Glass Works to Salvatore Toschi, E. Evangelisti, A. Carruccini, George Valentine. \$12
 April 10, 1928—368 49th ST., Oakland. Tilden Lumber Co. to Salvatore Toschi, E. Evangelisti, A. Carruccini. \$689.97
 April 10, 1928—368 49th ST., Oakland. Jas. A. Davis Co. to Salvatore Toschi, E. Evangelisti. \$17
 April 14, 1928—833 SANTA RAY Ave., Oakland. Melrose Building Materials Co. to Mabel R. Smith, Arthur A. Smith and C. C. Williams. \$326.06
 April 12, 1928—LOT 1 Blk 4, Oakmore Terrace, Oakland. Sunset Lumber Co. to B. G. Larson and S. E. Armstrong. \$513.98

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
 LOT 65, Hillsborough Oaks, San Mateo. All work for two-story frame residence.
 Owner—W. G. Gilson.
 Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
 Contractor—C. H. Bessett.
 Filed April 13, '28. Dated March 15, '28
 2nd floor joists up. \$3363
 Brown coated. 3360
 Usual 35 days. 3360
 TOTAL COST, \$13,443
 Bond, none. Limit, 80 working days.
 Forfeit, plans and specifications, none

RESIDENCE
 LOT 6, Hillsborough Knowles. All work for one and one-half-story residence and garage.
 Owner—Edward N. Oliver
 Architect—None.
 Contractor—Oscar L. Cavanagh.
 Filed April 14, '28. Dated April 14, '28.
 Signing contract. \$1800
 Frame up. 2500
 Plastered. 2500
 Completed. 2500
 Usual 35 days. 2500
 TOTAL COST, \$11,800
 Bond, none. Limit, 80 working days
 Forfeit, plans and specifications none

APARTMENTS
 PART LOT 9 BLK 6, Town of Burlingame. Electrical work for three-story store and apartment building.
 Owner—Nina Mayer.
 Architect—E. L. Norberg, 593 Market St., San Francisco.
 Contractor—M. E. Ryan, Redwood City.
 Filed April 7, '28. Dated April 6, '28.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$1830
 Bond, \$1830. Surety, Fidelity & Casualty Co. of N. Y. Limit, 120 working days. Forfeit, \$5. Plans and specifications filed.

RESIDENCE
 STOCKBRIDGE AND AMADOR STS., Atherton. All work for two-story residence and garage.
 Owner—Charles S. Hyman.

Architect—Birge M. Clark, 310 University Ave., Palo Alto.
 Contractor—Osborne & Knight, Mountain View.
 Filed April 9, '28. Dated April 7, '28.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$19,500
 Bond, \$10,000. Sureties, Joseph A. Jury and W. P. Gray. Limit, 115 working days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
 BROADWAY AND WEBSTER STS., Redwood. All work for one-story reinforced concrete store building.
 Owner—General Properties, Inc.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Contractor—L. Diagardi.
 Filed April 9, '28. Dated April 6, '28.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$22,960
 Bond, \$23,000. Surety, Union Indemnity Co., Limit, 3 calendar months: Forfeit, none. Plans and specifications filed.

BUILDING PERMITS

SAN MATEO

DWELLING, \$4000; lot 28 blk S Palm Ave., San Mateo; C. W. Parsons, 229 2nd Ave., San Mateo.
 BUNGALOW and garage, \$4000; lot 20 North H. St.; James B. Rixen, 525 South G. St.
 BUNGALOW and garage, \$4500; lot 19 blk R. 16th Ave., San Mateo; P. Venzler, 117 16th Ave., San Mateo.
 BUNGALOW, 1-story, \$4000; lot 4 blk 35 North D. St., San Mateo; owner, Mr. and Mrs. Ralph Garguilo, 302 North D St.; contractor, A. W. Koch, 700 North G. St.
 BUNGALOW, 1-story, \$5200; lot 13 blk C 10th Ave., San Mateo; owner, Terence M. O'Connor, 3736 16th St., contractor, R. E. Broderick, 130 12th Ave., San Mateo.
 ALTERATIONS, \$1000; lots 75 and 76 cor 1st and Maple, San Mateo; owner, N. Peterson, 37 1st Ave., Homestead; contractor, W. T. Croop, 44 1st Ave., Homestead.
 RESIDENCE and garage, 2-story, \$13,000; lot 15 blk P Franklin St., Baywood; owner, A. C. Koch.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 April 6, 1928—LOT 12 BLK 1 Stan-told Park, San Mateo. Samuel Smith to J. G. Williams. April 6, 1928
 April 5, 1928—LOT 5 BLK 42 Lyon and Hoag Sub., Burlingame. John Sorensen to whom it may concern. March 31, 1928
 April 7, 1928—LOT 10 BLK 56 Easton, San Mateo. James Horn to whom it may concern. April 5, 1928
 April 6, 1928—LOTS 50, 2 BLK 27 Vista Grand, San Mateo. Paul E. Duerner to whom it may concern. April 5, 1928
 April 8, 1928—30.594 Acres Town of Hillsborough. Bayard H. Ryder et al to Arthur Dusenburg. April 12, 1928
 April 14, 1928—PART LOT 5 Quilota Tract. Erna Hemscher to E. S. Shaver. March 20, 1928
 April 14, 1928—LOT 12 BLK 31 Easton. Oscar Carlson to whom it may concern. April 14, 1928
 April 14, 1928—LOT 9 BLK 47 Easton. Martin Peterson et al to whom it may concern. April 12, 1928
 April 9, 1928—LOT 16 BLK 6 Baywood, San Mateo. C. W. Sevisee to whom it may concern. April 3, 1928
 April 9, 1928—LOT 51 BLK 65 Park View Ave., Daly City. Ernest E. Dunn to whom it may concern. April 7, 1928
 April 9, 1928—LOTS 222, 223, 224 and 225 Menlo Park Villa Ass'n. Corpus Christi Monastery to J. S. Samson Co. April 9, 1928
 April 10, 1928—LOTS 1, 2 and 3 Blk 23 North Fair Oaks, San Mateo. W. K. Reynick to whom it may concern. April 9, 1928
 April 10, 1928—LOT 14 BLK 14 Burlingame Hills. K. D. Smith et al to Frederick W. Swain. April 9, 1928
 April 10, 1928—LOT 2 BLK 3 Baywood, San Mateo. Senefeld & Ohnd to whom it may concern. April 9, 1928
 April 4, 1928—Henry M. McOlin to Thomas Nelson. April 4, 1928
 April 4, 1928—LOT 28 BLK 1 Burlingame. Thomas J. Broderick to whom it may concern. April 5, 1928

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be retained in good condition when contract for work is let.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
NO. 659 SALVATIERRA ST., Stanford University, Palo Alto. All work for frame residence and garage.
Owner—Frederick E. Terman.
Architect—Charles K. Sumner, 57 Post St., San Francisco.
Contractor—Osborne & Knight.
Filed April 9, '28. Dated April 3, '28.
Frame completed.....\$2120.50
2nd coat plaster on.....2120.50
Building completed.....2120.50
Usual 35 days.....2120.50
TOTAL COST, \$8482.00
Bond, \$4241.50. Sureties, Paul M. P. Merner and J. L. Pierce. Limit, 120 days from April 3, 1928. Forfeit, none. Plans and specifications filed.

BUILDING
NE SANTA CLARA ST. AND NOTRE Dame Ave., San Jose. All work for two-story concrete and frame building.
Owner—Elsa W. Campen and Estelle L. Normandin, San Jose.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.
Contractor—Charles A. Thomas.
Filed April 9, '28. Dated April 6, '28.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$79,567
Bond, \$39,783.50. Sureties, J. A. Chase and J. L. Pierce. Limit, 115 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
April 3, 1928—N 37½ LOT 5 BLK 5 R 7 S; and 12½ Lot 5 and N 25 Lot 8 Blk 5 R 7 South, Snow & Pettis Addition, Mt. View. Floyd Carroll to whom it may concern.....April 2, 1928	
April 3, 1928—LOTS 6 AND 7 BLK 6, College Terrace, Palo Alto. George B Moore to whom it may concern.....March 28, 1928	
April 5, 1928—LOT 43, Barron Park, San Jose. Derina M Bacher to whom it may concern.....April 2, 1928	
April 5, 1928—NE PARK AVE 100 NW Davis St., San Jose. William H O'Neil to whom it may concern.....April 5, 1928	
April 5, 1928—SE FORREST AVE & Gillman St., Palo Alto. William Staller et al to whom it may concern.....April 5, 1928	
April 5, 1928—LOT 33 BLK 28, Lendrum Tract No. 2, San Jose. Philip C Henry to whom it may concern.....April 5, 1928	
April 6, 1928—BEG. 85 FT. FROM E line Bay View Ave th 40 ft. E on Lincoln Ave., Sunnyvale. Lewis Larson to whom it may concern.....April 6, 1928	
April 6, 1928—NE GREENWOOD AVE 180 NW Davis St., San Jose. Wm H O'Neil to whom it may concern.....April 6, 1928	
April 6, 1928—NE GREENWOOD AVE 100 NW Davis St., San Jose. Wm H O'Neil to whom it may concern.....April 6, 1928	
April 6, 1928—LOTS 13 AND 14 BLK 14, College Terrace, Palo Alto. Merle L Roark to whom it may concern.....April 6, 1928	
April 6, 1928—PACKING SHED, San Jose. Southern Pacific Co to whom it may concern.....April 3, 1928	
April 6, 1928—LOT 30 BLK 7 R. W. Macces Southwestern Addition, San Jose. Salvatore Vanella to whom it may concern.....March 30, 1928	
April 9, 1928—E EHRHORN AVE	

201.081 S Church St., Mt. View. Wallace W Fultz to whom it may concern.....April 7, 1928

April 9, 1928—NE WAVERLY ST. 100 SE Lincoln Ave, Palo Alto. Pansy P Baker to whom it may concern.....April 6, 1928

April 9, 1928—N 100 LOT 18 BLK 47, Seale Addition No. 2, Palo Alto. Grace G Gibson to whom it may concern.....April 7, 1928

April 7, 1928—NO. 920 BENTON ST., bet. Washington and Lafayette Sts., Santa Clara. Caroline Laine Johnston to whom it may concern.....April 6, 1928

April 7, 1928—W 57 FT. LOT 1, Resubd of Palmita Park, Mt. View. Richard T Glycer et al to whom it may concern.....April 7, 1928

April 9, 1928—LOT 4 BLK 6, Interurban Park Tract, San Jose. Rose Kelly to whom it may concern.....April 6, 1928

April 9, 1928—SW ALAMEDA ST. 85.90 NW Fremont St., San Jose. A W Maderis et al to whom it may concern.....April 9, 1928

April 9, 1928—LOT 2, Sycamore Tract No. 2, San Jose. Alice Kelly Bergstrom to whom it may concern.....April 5, 1928

April 9, 1928—PTN LOT 1 BLK 1 R 8 N, San Jose. F B Campen et al to whom it may concern.....April 3, 1928

April 10, 1928—LOT 60 and E ½ Lot 59, Nelson Manor, Mt. View. Ethel Doyle to whom it may concern.....April 4, 1928

April 10, 1928—LOTS 25, 26, 27 AND 28 Blk 1, Chris Anderson's Subd, also Lot 250, Cottage Grove Tract, San Jose. Domenico Gigliotti to whom it may concern.....April 7, 1928

April 10, 1928—LOT 15 BLK 2, John R Chace Garden Villa Lots, San Jose. Harold Wick et al to whom it may concern.....April 10, 1928

April 10, 1928—LOTS 13 AND 14 BLK 14, College Terrace, Palo Alto. Merle L Roark to whom it may concern.....April 9, 1928

April 10, 1928—E SAN TOMAS Aquino Road and N line 18.20 ac tr of Luigi Lencioni, San Jose. Edmund Lencioni to whom it may concern.....March 21, 1928

April 11, 1928—LOT 3, Delwood Park, San Jose. Frank T Lannin to whom it may concern.....April 11, 1928

April 11, 1928—W ½ LOT 11 and E ¼ Lot 12 Blk 1, Alta Park Addition, Palo Alto. Hettie M Deckman to whom it may concern.....March 31, 1928

April 11, 1928—LOT 12 Resubd Blk 7, Palm Haven. Adele E Palaqua to whom it may concern.....April 9, 1928

April 11, 1928—SE DAVIS ST. 200 SW Morse St., San Jose. Laura Hatzfeld to whom it may concern.....April 10, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
April 5, 1928—S SAN ANTONIO ST. 85.74 SW from NE Cor. 1 ac Tract of O'Hara, San Jose. Geo Emmons vs Eddie Bernal.....\$300	
April 5, 1928—LOT 10 Jas. A. Clayton & Co's Subd of Las Animas Ranch Lot 55, San Jose. Merritt Concrete Products vs James Rocco.....\$63.85	
April 10, 1928—LOT 41, Palm Tract, San Jose. John J Moore vs Jasper Bona.....\$65	

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
April 3, 1928—NE ELM ST. 100 NW Hedding St., San Jose. Joseph Mayers to C M Redo et al.....\$89	
April 6, 1928—NW FIRST AND SW Union St., San Jose. Tilden Lumber & Mill Co. to Charles Kelly.....\$89	
April 7, 1928—LOTS 17 TO 20 BLK 89, Palo Alto. C L Frost to A R Bacon	

BUILDING PERMITS

BURLINGAME

ADDITION, \$1000; 1425 Bernal Ave., Burlingame; owner, Paul Thompson, 1425 Bernal Ave., Burlingame; contractor, F. H. Boring, 661 Crescent, San Mateo.

BUNGALOW, \$4000; lot 1 blk 37 Bayswater, Burlingame; owner, M. Sorensen, 16 Dwight Road, Burlingame.

April 12, 1928—LOTS 28, 29 and 30 Blk 1, Huntington Park, San Mateo. H. L. Hahn to whom it may concern.....April 12, 1928

April 11, 1928—PT LOTS 31, 32, 33 and 4 Parker Tract, San Mateo. Robert C. Dunne to whom it may concern.....April 11, 1928

April 11, 1928—S ½ LOT 1 Blk 7 Oakknoll Manor, San Mateo. M. N. Wheeler to whom it may concern.....April 11, 1928

April 11, 1928—LOTS 11 and 12 Resub Lot 163 West End Homestead, San Mateo. Victor Bjorkman to whom it may concern.....April 10, 1928

April 11, 1928—PART LOT 138 West End Homestead, San Mateo. Frank L. McAfee to whom it may concern.....April 10, 1928

April 11, 1928—PART LOT A Bowie Estate Map No. 1, San Mateo. Frank J. Rochex Jr. to Rochex & Rochex Inc.April 10, 1928

April 11, 1928—LOT 2 BLK 11 Burlingame Hills. James S. James to Frederick H. Lawton.April 13, 1928

April 11, 1928—PART LOT 119 San Mateo City Homestead. Henry Klein to whom it may concern.....April 11, 1928

April 13, 1928—LOTS 37 and 38 Blk 26 San Bruno. Ben D'Avellea et al to Gus Magnuson.....April 12, 1928

April 12, 1928—PART LOT 5 Valparaiso Park, San Mateo. George L. Payne to Malott & Peterson.April 9, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
April 10, 1928—LOT 35 BLK 12 Daly City. \$55.47; Lot 36 Blk 12, Daly City. \$49.75. H. R. Foltin alias vs Burt Young.....\$247.41	
April 9, 1928—LOT 10 Barny Park, San Mateo. D. A. Hannah vs J. H. Stephenson et al.....\$115.50	
April 11, 1928—LOTS 3 and 4 Blk 10 Sequoia Tract, San Mateo. William P. Hogan vs A. J. Davis.....\$436	
April 11, 1928—LOT 3 Blk 2 Subd of lot 20, San Mateo. E. W. Magruder vs Mannie J. Peterson.....\$206 acre, San CARLOS 2.006 acre, San Mateo. William McWhirter vs Smack Beverage Co. et al.....\$790	
April 14, 1928—LOT 9 BLK 59 Easton, San Mateo. Wisnom Lumm. Co. vs Edward F. Cole.....\$171.96	
April 12, 1928—LOTS 21, 22, 23, 30, 31 and 32 Blk 34 North Fair Oaks, San Mateo. Wm. Sauterbach vs Arthur Taylor et al.....\$468.50	
April 7, 1928—LOT 14 BLK 55 East Ave. Nelson S. McCartney vs Charles G. Adams, et al.....\$451.13	
October 5, 1927—LOT 2 BLK 7 Woodside Glens. A. L. Palmtag vs Paul L. Bernard.....\$269.91	
April 5, 1928—LOT 6 BLK 1 Menlo Terrace. Levy Bros vs Otto A. Boehm et al.....\$178	
April 6, 1928—LOT 28 BLK 6 Vista Grand. T. E. McFarlane vs Eleanor H. Mills et al.....\$120.20	
April 5, 1928—PT LOT 5 BLK 9 Oakknoll Manor, San Mateo. W. S. Wetenhall alias, \$83.10; D. & J. Lu. Co. \$832.65, to E. D. Dwyer & Son.	

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
April 10, 1928—PART LOT 9 Magruder Subd of Lot 23, San Mateo. Floyd S. Baird to Grace Cappicot, et al.....\$545	
April 12, 1928—LOT 16 BLK 14 Lyons & Hoag Subd San Carlos. San Carlos Lumber Co. to S. J. Clements et al.....\$120.20	
April 5, 1928—PT LOT 5 BLK 9 Oakknoll Manor, San Mateo. W. S. Wetenhall alias, \$83.10; D. & J. Lu. Co. \$832.65, to E. D. Dwyer & Son.	

Specify A
GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

UNGALOW and garage, \$4250; lot 12 Corbitt sub Linden Ave., Burlingame; owner, J. Chatterton; contractor, G. R. Anderson, 804 Morrell, Burlingame. UNGALOW and garage, \$4500; lot 25 blk 12 Benito Ave., Burlingame; owner, E. W. and W. K. Latimer. UNGALOW, \$6750; lot 28 blk 6 Poppy Drive, San Mateo; owner, J. Hanson.

BUILDING PERMITS

SAN JOSE

ALTER two-story business building, \$1705; No. 1121 The Alameda, San Jose; owner, John Ferrari, 1377 The Alameda, San Jose; contractor, Wm. M. Caldwell, 871 Hedding St., San Jose. UPER service building, \$5000; The Alameda at Race St., San Jose; owner, D. H. Ross, 1162 Sherman St., San Jose. ADD to 4-family residence, \$4000; No. 339 S-Fifth St., San Jose; owner, D. W. Fagilde, 349 S-Fifth St., San Jose. RESIDENCE, 4-room, \$1600; Atlas St. near Alameda, San Jose; owner, W. Neegard, 39 Magnolia St., San Jose; contractor, C. Rasmussen, 481 Hicks St., San Jose. RESIDENCE, 5-room, \$2750; Park St. near Newhall, San Jose; owner, Wm. O'Neil, 50 Sierra Ave., San Jose. ALTERATIONS, \$1800; First and San Antonio Sts., San Jose; owner, Owl Drug Co., Premises; contractor, E. A. Duval, Dalzell Bldg., Oakland. ADDITIONS and alterations to residence, \$3065; No. 115 S-Fourteenth St., San Jose; owner, Dr. R. M. Blauer, Premises; contractor, F. C. Nelson, 173 S-First St., San Jose. RESIDENCE, 6-room, \$7200; Humboldt St. near First, San Jose; owner, Joseph Lima, General Delivery, San Jose; contractor, Vincent Maggio, 452 N-Fifteenth St., San Jose. RESIDENCE, 8-room, \$8000; Eighth St. near St. James, San Jose; owner, M. De Sando, San Tomas Road, Campbell; contractor, Dyke Walton, 28 S-First St., San Jose. RESIDENCE, 6-room, \$3935; Taylor St. near Fourth, San Jose; owner, Marie C. Schilter, 650 Anita St., San Jose; contractor, S. C. Evans, 405 N-18th St., San Jose. RESIDENCE, 5-room, \$2800; 26th St. near San Antonio, San Jose; owner, N. Scorsur, 1451 The Alameda, San Jose. RESIDENCE, 5-room, \$2750; Park St. near Davis, San Jose; owner, Wm. O'Neil, 50 Sierra Ave., San Jose.

BUILDING PERMITS

REDWOOD CITY

DWELLINGS, (2) one-story frame, \$4000 each; No. 146-150 Elwood St., Redwood City; owner, A. A. Morris, 7027 Faber St., Oakland. DWELLING, one-story concrete block and frame, \$3000; No. 428 Myrtle St., Redwood City; owner, E. E. Dwyer, Redwood City. STORE building, one-story reinforced concrete; 5 stores and workroom, \$23,000; Cor. Broadway and Webster St., Redwood City; owner, General Properties, Inc., 201 Broadway, Redwood City; architect, Birge M. Clark, 310 University Ave., Palo Alto; contractor, L. Dioguardi, 30 W-Poplar Ave., San Mateo. DWELLING and garage, frame, \$4500; No. 1113 Hopkins Ave., Redwood City; owner, J. W. Becker; contractor, Ed Selleck. DWELLING, one-story frame, \$5000; No. 164 Warwick Ave., Redwood City; owner, M. Vedovich.

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and rustic, \$2900; No. 711 Columbia Ave., Palo Alto; owner, Johnson & Shambaugh; contractor, C. C. Johnson. RESIDENCE, frame and rustic, \$2900; No. 1455 Cambridge Ave., Palo Alto; owner, Johnson & Shambaugh; contractor, C. C. Johnson. RESIDENCE, frame and stucco, \$10,000; No. 576 E-Crescent Drive, Palo Alto; owner, Aletha H. O'Brien; architect, D. E. Jaekel, 395 Justin Drive, San

Francisco; contractor, J. E. Burke. ENCE, frame and shingle, \$4 No. 211 Seale Ave., Palo Alto; owner, Margaret E. West; contractor, Harv Engman. RESIDENCE, frame and stucco, \$5000; No. 160 Mariposa Ave., Palo Alto; owner, L. H. Wood, Palo Alto; contractor, W. Easton.

BUILDING PERMITS

STOCKTON

STORE building, \$15,000; No. 1920 No. Pacific St., Stockton; owner, Delta Investment Co; contractor, O. H. Chain, United Bank & Trust Bldg., Stockton. REMODEL dwelling, \$4000; No. 106 West Pine St., Stockton; owner, E. F. Pfeffer, 40 S-California St., Stockton OFFICE and storage shed, \$2000; No. 36 N-Wilson Way, Stockton; owner, Sidney Potter, 156 W-Ash St., Stockton. RESIDENCE and garage, \$5000; No. 144 W-Adams St., Stockton; owner, S. Chincirolo; contractor, J. O. Barker, Country Club Blvd., Stockton. AUTO laundry, \$6000; No. 141 E-Miner St., Stockton; owner, C. M. Menzies, 745 W-Vine St., Stockton; contractor, F. R. Zinck, 169 W-Pine St., Stockton.

BUILDING PERMITS

RICHMOND

COTTAGE, and garage, frame and plaster, \$3400; N Columbia St., bet. Santa Clara and San Mateo Sts., Richmond; owner, G. P. Macedo, P. O. Box 384, San Rafael; contractor, A. E. Carreira, 2744 Matthews St., Berkeley. FACTORY building, frame, \$1000; S York St. Cor. Castro, Richmond; owner, Metals Recovery Co., York and Castro Sts., Richmond; contractor, Hobert & Oman, 1802 Chestnut St., Berkeley. COTTAGE, frame and plaster, \$5200; W Civic Center, bet. Barrett and Roosevelt, Richmond; owner, F. C. Hosking, 932 Pennsylvania St., Richmond. COTTAGE and garage, frame and plaster, \$4000; W Key St., bet. Roosevelt and Sierra Sts., Richmond; owner, Leo L. Nichols, 2044 High St., Oakland. ALTER and add 1 room to frame cottage, \$1400; No. 3902 Clinton St., Richmond; owner, R. L. Wharton, Premises; architect, Ernest Flores, 908 Chanslor St., Richmond; contractor, Waring & Pimm, 315 42nd St., Richmond. ALTER and repair No. 2 Fire House, \$4500; No. 235 5th St., Richmond; owner, City of Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond. STORE BLDG., 2-story and basement brick, \$72,000; 55 MacDonald, lots 10 and 11; owner, S. H. Kress and Co., New York; architect, H. A. Hoffman, New York; contractor, Robert McKee, Los Angeles. COTTAGE and garage, frame, \$2000; WS 2nd bet. Chanslor and S F Ry.; owner, Mrs. A. E. Booker, R. F. D. 2 Napa, Calif.; contractor, O. A. Burnett, 15 Ramone St., El Cerrito. COTTAGE and garage, frame and plaster, \$6600; S S Gaynor bet 17th & 18th; owner, Chas. McLennon, 1516 Gaynor; contractor, T. A. Vaughan, 829 Penn., Richmond. COTTAGE and garage, frame and plaster, \$4700; ES 32 bet Roosevelt and Clinton, Richmond; owner, N. E. Anderson, 3000 Barrett, Richmond, contractor, owner. COTTAGE and garage, frame and plaster, \$4600; ES 31st bet Roosevelt and Clinton; owner, N. P. Williams, 6452 Regent St., Oakland; contractor, owner. COTTAGE and garage, frame, \$2000; W S 2nd bet Chanslor and S F Ry.; owner, Mrs. A. E. Booker, R. F. D. 2 Napa, Calif.; contractor, O. A. Burnett, 15 Ramone St., El Cerrito, Richmond.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

BUILDING LOT K BLK 2 1/2 Sherwood & Hellman Addition, Salinas. All work for six-story steel frame and reinforced concrete building. Owner—William Jeffery, Salinas. Architect—Kump & Johnson, Fresno. Contractor—MacDonald & Kahn, Inc., San Francisco. Filed April 12, '28. Dated April 12, '28. As work progresses. TOTAL COST not to exceed \$99,500 NOTE:—Contractors fee of \$6500 to be paid as follows, 5% on each bill as rendered, balance to be paid on completion and acceptance of work. Contractor agrees to carry insurance for full amount of labor and materials yet to be furnished and performed as work progresses.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted April 16, 1928—LOT H, MAP OF MRS. J. CONNER and J. C. Pyburn subdivision of Block 12, Stone's Homestead Addition to Salinas City. Rosa F. Sargenti to Frank L. Foster. April 11, 1928 April 5, 1928—LOT 15 BLK 13, Monterey Heights. Mrs. Maude Arndt to whom it may concern. April 3, 1928 April 5, 1928—LOT 11 BLK 25, Map of Vista Del Ray Tract, Monterey County. L D Leatherwood to whom it may concern. April 4, 1928 April 11, 1928—LOT 6 BLK 33, Vista Del Rey Tract, Monterey. James V Cain to whom it may concern. April 7, 1928 April 12, 1928—LOT 7 BLK 15 1/2, Homestead Addition to Salinas City. Lena Sears to whom it may concern. April 11, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount April 9, 1928—LOT 5 IN BLK 114-A, map of the City of Monterey, as situated at the corner of Dutra and Madison Sts. Hitchcock Electric Co vs Joe Di Maggio, Sarah Di Maggio and G W Brazelton. \$151.55 April 10, 1928—LOT 10 BLK 75 OF THE City of Carmel, situated on the northwest corner of 7th Ave. and Dolores St. in Carmel City. The Berger Manufacturing Co of California vs R A Koehner and Jane Doe Koehner. \$1318.24 April 9, 1928—LOT 5 BLK 114-A OFFICIAL Block Book of the City of Monterey. J R Ockey vs Joe Di Maggio and Sarah Di Maggio. \$128.10

BUILDING CONTRACTS

SONOMA COUNTY

RECORDED

COTTAGE PART LOT 7 BLK 16, McDonald Addition to Santa Rosa. All work (excepting some sub-contracts) for one-story frame cottage. Owner—T. F. McMullin, 1010 Spring St., Santa Rosa. Architect—None. Contractor—L. Halvorsen and C. L. Personett, Santa Rosa. Filed April 7, '28. Dated March 14, '28. Ceiling joists in place. \$572 Brown coat plaster on. 572 Completed and accepted. 572 Usual 35 days. 572 TOTAL COST, \$2288 Bond, \$—. Sureties, Mead and H. C. Mack. Limit, 90 days from date of contract. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted April 7, 1928—LOT WISE SUBD OF Blk of Clark's Addn to Santa Rosa Samuel E Wells to W R Lippincott. April 2, 1928

Recorded	Amount
April 14, 1928—NW ¼ OF SW ¼ SEC	
13, 14-20. S A Boloian vs John Adis- hian	\$184
April 14, 1928—PART LOTS 13 & 14	
Bolding Villa Cal. Lambert & Wood vs S P Co	\$1226
April 13, 1928—LOTS 21, 22, BLOCK 3, new High School Addition, Edward G. Dowie vs Edward Robillard	\$80



BUILDING and ENGINEERING NEWS

Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., APRIL 28, 1928

Twenty-eighth Year, No. 17
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco

Central Bank, Oakland

Oakland Savings Bank

New Subway Terminal Building, Los Angeles

New Mark Hopkins Hotel, San Francisco

Federal Reserve Bank, San Francisco

New Hunter-Doolin Building, San Francisco

New Russ Building, San Francisco

Pacific Telephone and Telegraph Building, San Francisco

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

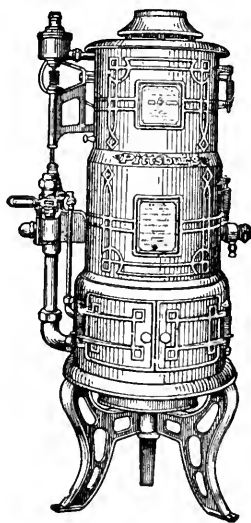
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Sued Every Saturday

SAN FRANCISCO, CALIF., APRIL 28, 1928

Twenty-eighth Year, No. 17



5-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
S. and Possessions, per year.....\$5.09
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

UNSATISFACTORY YEAR REPORTED BY BRITISH COLUMBIA LUMBERMEN

An unsatisfactory year is reported by British Columbia lumbermen despite larger output and exports, states Consul Harold S. Tewell, Vancouver, B. C., in a report made public by the Department of Commerce. A larger production of lumber in 1927, they point out, brought \$3,087,000, or about \$2,000,000 less than the smaller amount the previous year.

Although about 64,000,000 less feet or a total of 2,853,702,462 feet of timber were cut and scaled in British Columbia last year, as compared with 1926 there was an increased output of manufactured lumber of about 28,000,000 feet. Also, export sales totaled 1,003,670,000 feet, or about 77,787,000 feet more than in 1926. Despite these two increases, the value of the output last year was smaller, attributed, it is reported, to the slump in lumber values.

In terms of operation, it is likewise doubtful whether 1927 was as profitable as the previous year. A total of 375 sawmills with an estimated daily capacity of 12,176 M feet of lumber were in operation, compared with 391 mills with a daily capacity of 12,962 M feet in 1926. There were 110 idle mills with a combined daily capacity of 2549 M feet, however, whereas in the previous year, 102 mills with a capacity of 1675 M feet were not in operation. With the exception of 1924 the capacity of idle mills was greater in 1927 than in any year since 1920.

Full importance of the timber industry in the economic life of the Province is evidenced in the fact that it accounts for one-third of the industrial payroll, which amounted to over 175 million dollars last year. Prosperity or depression in this leading industry, therefore, has a direct effect upon the commercial life of British Columbia.

BRICK RESEARCH WORK UNDER- TAKEN BY STANDARDS BUREAU

At the recent convention of the Common Brick Manufacturers' Association, George K. Burgess, director, Bureau of Standards, in a paper on "Industrial Research," outlined the work that the bureau is doing on common brick. According to Mr. Burgess, such matters as the quality of brick, the component materials and the properties of brick, such as strength, color, resistance to heat, sound transmission and porosity, are involved in much ignorance. To better this condition the ceramic division of the bureau with the help of an advisory committee representing the industry is studying some of these problems. Principally of interest to the manufacturers of brick are the bureau's current studies on the drying of clay, on several types of extrusion machines and augers and on the qualities of different clays and shales. With regard to the use of brick in building work, the bureau has completed its study of fire resistance.

Other studies under way include the examination of (1) factors governing transmission of moisture through brick walls, (2) factors governing adhesion of mortar to brick, (3) the acoustical properties of partition walls and (4) heat transmission qualities. Subjects for future study include the following: (1) Relation of the physical properties of brick and its absorption to its ability to resist freezing, (2) ability of walls to withstand lateral forces caused by wind and earthquakes (in which one of the most important factors is mortar adhesion), (3) the stiffening effect that brick walls afford to a building frame of steel or concrete, (4) the efficiency and possible field for reinforced brickwork and (5) the characteristics of different types of mason's mortars.—(Engineering News-Record).

PLUMBERS CONTEMPLATE EDUCA- TIONAL DRIVE FOR PUBLIC

An advertising campaign by the plumbing and heating industries bureau was the main topic of discussion before the Master Plumbers' Association of San Jose at their meeting April 18.

The object of the national campaign is to further the health of the country by having members of the plumbing trade lend them help in "making a health examination of the home," by checking over the plumbing and heating system of any house owner who may call upon them for such an examination, without obligation.

Officers of the San Jose unit elected for the coming term were: William Serpa, president; Herman Moltzen, vice-president; O. C. McDonold, treasurer; Charles A. Merritt, secretary; A. J. Peters, John Peabody, F. A. Hooker and J. Fisher of Snyder and company, members of the executive board.

Considerable interest is being shown by San Jose members in the coming state convention to be held in San Francisco May 14 to 17, with headquarters at the Clift Hotel. All members of the San Jose association have signified their intentions to attend.

BRICK IMPORTS UNDER 1927 RATE DURING FIRST TWO MONTHS OF 1928

Foreign brick (duty free) received at New York, which is the chief point of entry for this material, in the first two months of 1928 totaled 9,971,000, according to Engineering News-Record. The figure for this period a year ago is 11,716,000 or 14.8 per cent higher than this year. The 1926 figure for these two months is 9,938,000, according to the Section of Customs Statistics, Bureau of Foreign and Domestic Commerce. Common brick used in New York totaled 1,314,000,000 in 1926 and 1,280,000,000 in 1927. Of these, foreign brick amounted to 7.7 per cent in 1926 and 7.3 in 1927.

Belgian brick formed 79.9 per cent of the imports, Holland 19.5 per cent, with the remaining 0.6 per cent coming from the United Kingdom. For the whole of 1927 imports were as follows: Belgium 82.9 per cent, Holland 15.5, Norway 1, United Kingdom 0.5, and Denmark 0.1. In 1926 Belgium sent 70 per cent and Holland 30 per cent. Most of the Belgian brick is common, while the Holland shipments are principally face.

Belgian common brick sells for \$16.50 to \$17 per thousand delivered to job in New York, compared with the domestic price of \$17 to \$20. The price for Holland face brick is \$26 to \$27 per thousand delivered, compared with a minimum of \$29.50 per thousand for selected domestic face brick of the Colonial style.

IMPORTS OF DUTY-FREE COMMON BUILDING BRICK INTO NEW YORK

	1926	1927	1928
January	6,459,000	4,331,000	3,982,000
February	3,479,000	7,385,000	5,989,000
March	4,160,000	8,488,000	.....
April	5,614,000	12,239,000	.....
May	6,268,000	10,395,000	.....
June	12,817,000	11,450,000	.....
July	8,298,000	9,083,000	.....
August	17,043,000	5,583,000	.....
September ..	4,676,000	6,193,000	.....
October	9,644,000	4,996,000	.....
November	15,369,000	4,245,000	.....
December	8,119,000	9,688,000	.....
	101,946,000	94,026,000	.....

MARCH BUILDING CONTRACTS AVERAGE \$6.70 SQ. FT.

The square-foot cost of all buildings placed under contract in March averaged \$6.70, compared with \$7.40 in the whole of 1927 and \$7.20 in the year 1926, according to figures compiled by Engineering News-Record, New York. The most expensive type is banks, with theatres next. Apartments and dwellings cost about the same and are at the foot of the list. Two-family houses cost 14 per cent less per square foot than did one-family. Prices for ten types in March are given below.

Banks	\$18.80
Theatres	10.40
Hospitals	8.30
Hotels	8.20
Public	8.00
Office	7.85
Industrial	6.90
Schools	6.25
Dwellings	4.90
Apartments	4.75
All buildings	6.70

Control of Concrete Production on the Twelve Pre-Cast Segments of the Oakland-Alameda Estuary Subway

By JOSEPH A. KITTS

Cons. Concrete Technologist, Kitts and Tuthill, San Francisco

The Oakland-Alameda Estuary Subway, being built by Alameda County, California, and now nearing completion, is one of the outstanding engineering achievements of the decade. It is the first pre-cast underwater tunnel, the largest subaqueous concrete tube in the world.

The Estuary Subway is a vehicular tunnel connecting the cities of Oakland and Alameda, California. It lies under the water and ship channel of the Oakland Estuary. It is 3,500 feet long from portal to portal and 4,500 feet including the open approaches. The outside diameter is 37 feet and the bore 32 feet, the reinforced concrete shell being 2½ feet thick. It will accommodate a 24-foot roadway and two 3½-foot sidewalks. Ventilating ducts are provided above and below the roadway space. Twelve sections 293 feet long, weighing 500 tons each, were cast at Hunters Point Dry Dock, then floated across San Francisco Bay and finally sunk into place. For the completed tube approximately 75,000 cubic yards of concrete were required, and 5,900 tons of reinforcing steel.

Concrete Proportioning Control

The cylindrical tapered, closely reinforced shell required concrete of good workability, flowability and cohesion in the fresh mix; the final location of the structure in sea water demanded that the concrete be dense, impermeable and, of course, of ample strength. With due consideration of these conditions and requirements, ample cement was specified by the Engineer and provisions were made for controlling the testing, proportioning, mixing and placing of the concrete. For the shell, two barrels of cement per cubic yard of concrete in place and a minimum compressive strength of 2,500 lbs. per sq. in. at 28 days were required. For the roadway slab, one and one-half barrels of cement and 2,000 lbs. per square inch compressive strength were required.

The aims in the control of the concrete production were, to maintain:

- The required strength (as a minimum);
- the essential workability, flowability and cohesion in the fresh mix;
- the highest possible density and impermeability under the conditions; and
- a uniform concrete with a minimum of honeycomb, seams between pours, and shrinkage cracks.

New developments in methods of aggregate and concrete testing, proportioning and production control were employed. These comprise:

- A comprehensive physico-mathematics of concrete materials and mixtures;
- Coordination of the tests for the various physical characteristics of aggregates and coordination of aggregate, aggregate mixture and concrete mixture tests;
- Coordination of field and laboratory measurements by actual, dry-rodged, loose-measured, and inundated volume, and by weight;
- An algebraic method of combining any number of sizes of aggregates for uniform grading of any coarseness modulus, proportioning by size and absolute volume of particles;
- Coordination of the fundamentals of the various theories of proportioning concrete mixtures; and
- Establishment of constant technological control as a daily routine of the concrete manufacture.

These are comprehensive subjects and only a general outline of the aggregate testing and aggregate and concrete proportioning methods will be given.

Laboratory Maintained

A concrete laboratory was maintained at Hunters Point. Preliminary research tests on each of the aggregates and of aggregate, mortar and concrete mixtures,

varying and grading, fineness modulus and consistency for two cement contents (1.5 and 2.0 bbl.) to determine the strength, density, water-cement ratio, weight, cement-space ratio, filler-voids relations, etc. One man-hour of advanced laboratory control was maintained for every 10 cubic yards. Routine tests, of aggregates as received, were made to determine specific gravity, density, fineness modulus, grading, moisture, bulking, absorption and content of silt, organic matter and inferior particles. Calculation and readjustment of proportions of aggregates and water were made as required by natural variations in the grading, density, moisture, absorption and bulking of the individual aggregates as received. A laboratory duplication was made of each change of proportions to check the physical characteristics expected for that grading, cement and water content. Routine slump, wash, and compression tests were made for each pour.

Aggregate Test Methods: The new features of the procedure of testing aggregates are the "Weight-Volumetric" Method of measurement, the regular use of a full container, and the co-ordination of measurements. The procedure is as follows:

- | (Measurement) | (Weight-Volumetric Measurement) |
|---|---------------------------------|
| (a) Weigh water filling container | (1) |
| (b) Weigh loose-moist aggregate filling container | (2) |
| (c) Dry (b) and weigh | (3) |
| (c) Make standard sieve analysis | |
| (c) Make standard silt test | |
| (c) Make standard organic matter test | |
| (d) Weigh dry-rodged aggregate filling container | (4) |
| (e) Weigh (d) inundated | (5) |
| (e) Allow (e) to stand three hours, drain, blot and weigh | (6) |

- (Calculations)
- (f) Apparent density of dry-rodged aggregate = $\frac{a-e+d}{a}$

- (g) App. Sp. Gr. of aggregate particles = $\frac{d}{fa}$

- (h) App. Density of loose-moist aggregate = $\frac{cf}{d}$

- (i) Weight of moisture to wt. of dry aggregate = $\frac{b-c}{c}$

- (j) Bulking of dry-rodged volume by moisture and loose measurement

- $$= \frac{d}{c}$$

- (k) Volume of moisture to dry-rodged volume = $\frac{ca}{d(b-c)}$

- (p) Relation of proportion of moisture by volume of dry-rodged aggregate to proportion by weight in the corresponding loose-moist aggregate = $k/i = a/d$

- (m) Weight of dry-rodged aggregate per cubic foot = 62.4 g f

- (o) Weight of water absorbed to weight of dry aggregate used = $(e_1-d)/d$

- (o') Vol. of water absorbed by apparent volume of aggregate = $g/(e_1-d)/d$

The (o) measurement provides a check for the standard container and also makes it possible to use a bucket or other suitable vessel of unknown volume in case of need.

Results of Aggregate Tests: A fine and coarse sand were tested by us at the dealer's before each delivery, and premixed by him in proportions determined

by these tests. Two sizes of rock were premixed in the same manner. The materials varied somewhat in physical character with each delivery. Typical physical characteristics of the sand and rock as received at Hunters Point, were as follows:

	Sand	Rock
App. Density (dry rodged)	0.663	0.5
App. Sp. Gr.	2.654	2.6
Moisture (by absolute vol.)	0.136	0.0
Absorption (by absolute vol.)	0.04	0.0
Bulking of dry-rodged vol.	1.245	1.0
Fineness Modulus	3.136	7.3
Discolored rock		0.0
Inferior rock		0.0

Typical gradings of the aggregates received are as follows:

Sieve No.	Per Cent Retained Sand	Per Cent Retained Rock
100	97.9	100.0
48	82.6	99.9
28	54.7	99.8
14	43.2	99.6
8	29.2	99.5
4	6.0	97.6
3/4"	0.0	86.0
3/4"		47.6
1 1/2"		0.0
Fineness Modulus	3.14	7.30

New Method of Grading Aggregate

An algebraic method of grading three or more sizes of aggregates for practical uniformity of any fineness modulus, as used on this work, should be of considerable interest to those familiar with the graphical cut and try method of determining proportions for uniform grading as developed by William Barnard Fuller, M. Am. Soc. C. E. (See "The Laws of Proportioning Concrete," p. 67, Vol. LL, Transactions, Am. Soc. C. E.)

The new method used on this work combines the fineness modulus principle with the grading equation $r = 1 - (d/D)^n$ in which (r) is the proportion by absolute volume retained by a given screen opening of (d) inches, (D) is the maximum size of aggregate and (n) is an exponent. A grading of any desired fineness modulus is possible by controlling the value of (n). The practical values of (n) vary from 0.45 to 0.60, increasing with the cement content and fineness modulus. When (n) is 0.5 the curve is a parabola corresponding to Fuller's theoretical grading. From this curve is deducted a weight of sand equal to the weight of cement used, thus increasing the fineness modulus with the cement content but losing a measure of uniformity.

The writer's method is to select the maximum desirable fineness modulus for the condition of character of aggregate, cement content and workability, and find the corresponding value of (n).

The desirable fineness modulus for Class A concrete was found in the preliminary tests to be 6.00. The grading equation for F.M. = 5.99, $D = 1\frac{1}{2}"$, is $r = 1 - (d/1.5)^{.59}$ and the grading is as follows:

Sieve No.	Proportions Retained Mixed Agg.	Sand (r-r')/1-r'
100	.9550	.8556
50	.9340	.7882
30	.9032	.6893
16	.8564	.5392
8	.7884	.3209
4	.6884	.0000
3/4"	.5399	
3/4"	.3217	
1 1/2"	.0000	

Fineness Modulus 5.99 3.19
r' is the proportion of coarse aggregates.

The fineness modulus of the coarse aggregate is determined by proportion to be $5.99 - 3.19 (1-r') = 7.25$.

The fine and the coarse aggregates were accordingly premixed for the ideal fineness moduli of 3.19 and 7.25, respec-

the dealer accomplishing this generally with satisfactory accuracy.

Basis of Concrete Proportioning: Uniform grading of particles by diameters and absolute volumes with an absolute volume of cement to a unit volume of concrete and an absolute volume of mixing water to a unit volume of cement, was used as an exact basis of mixture. As an example, the following is a typical basis of mix for Class A concrete (assuming one cubic yard):

absolute volume of cement, $2 \times 1 \times 0.455 = 3.88$ cu. ft.
 mixing water $2 \times 1 \times 0.80 = 6.40$ cu. ft.
 absolute volume of aggregate (graded 10 to 20) $1 - (0.1/1.5) = .56$.
 (Cement) (Water)
 — 3.88 — 6.40 = 17.56 cu. ft.

with aggregates as given preceding (a hypothetical case), the absolute volumes of fine and coarse aggregates are determined from the fineness moduli and total volume of aggregates as follows:

$$\frac{56 \times (7.3 - 5.99)}{(7.3 - 3.14)} = 5.52 \text{ cu. ft. sand}$$

and
 $56 - 5.52 = 12.03$ cu. ft. rock.
 mixing water, correcting for moisture content and absorption of the individual aggregates, is:
 $10 - 5.53 (0.136 - 0.04) = 12.03 (0.014 - 0.025) = 6.00$ cu. ft.

the proportions, measuring aggregates by loose-moist volume, are:

Loose volume
 Cement 2 bbl.
 Mixing water 6.00 cu. ft.
 Sand (5.53/0.663) 1.245 = 10.4 cu. ft.
 Rock (12.03/0.576) 1.069 = 22.3 cu. ft.

should be kept in mind that these calculated proportions are correct only in as long as the characteristics of the aggregates remain as given and that about one man-hour of highly efficient laboratory control for every ten cubic yards is necessary to keep up with the natural variation of the aggregates.

the characteristics of the usual Class A and Class B mixes were as follows:

	Class A	Class B
Fineness modulus	5.9 to 6.1	5.8 to 6.0
Cong. n	0.54 to 0.58	0.52 to 0.56
Els. Cement per cu. yd	2.00	1.50
Water-cem. ratio	0.80 to 0.84	0.90 to 0.94
See Mix, sks. cement to		

u. ft. dry-rodded agg. 1:3.07 1:4.32
 Ins. 0.83 to 0.87 0.82 to 0.86
 Trial proportions for 1 cu. yd:

Cement, sacks	8	6
End, loose-moist	11.4	12.7
Rock, loose-moist	21.3	22.1

Compression Tests: One or more samples of 4 to 6 compression specimens was taken of each pour. Where 6 specimens were taken, two were turned over to the contractor for independent testing. The specimens were tested at 2, 3, 7 and 28 days and some at other ages.

In view of the erratic nature of compression tests and the law of probability of error in measurement, the probable length of the samples was determined by taking the average of the following three determinations:

- (1) The 28 day strength as measured;
- (2) The 28 day strength indicated by the 7-day strength in accordance with the U. S. Bureau of Standards formula, $S_{28} = S_7 - X \sqrt{S_7}$, (X having been determined as 27.7);
- (3) The 28 day strength as indicated by any two strengths at ages greater or less than 28 days as determined by the semi-log rate formula,

$S = k \log a + c$, in which (S) is strength at any age (a) in days and (k) and (c) are constants for the particular sample.

Analyses of 50 samples of Class A and 50 samples of Class B show the following results:

Compressive strength at 28 days (lbs. per sq. in.)

	Class A	Class B
Minimum	2965	1980
Average	3715	2725
Maximum	4415	3390

0% between 3240 and 4415 2240 and 3390
 5% between 3445 and 4415 2460 and 3390
 10% between 3775 and 4415 2670 and 3390
 5% between 3965 and 4415 2950 and 3390
 0% between 4200 and 4415 3130 and 3390

Assuming that the lower 10% strengths of samples are wholly due to the usual diverse errors of compressive tests, the minimum indicated strengths at any age,

in any part of the concrete, based on the highest of the lower 10%, are expressed by the following equations:

$$\text{Class A: } S = 2074 \log a + 248.$$

$$\text{Class B: } S = 1794 \log a - 356.$$

This indicates that the probable minimum strength of the concrete in the shell, at age of 100 days, is about 4400 lb. per sq. in. and that in the roadway slab is about 3200 lb. per sq. in.

Personnel
 Alameda County personnel concerned with the concrete production are as follows: George A. Posey, chief engineer; Charles Derleth Jr., consulting engineer; Lochiel M. King, construction engineer; Joseph A. Kitts, concrete technologist; Richard Barry, assistant concrete technologist; George F. Wright, assistant concrete technologist; J. Neilson, field engineer; H. S. MacManaman, concrete inspector; O. R. Bosso, concrete inspector.

The California Bridge & Tunnel Co., San Francisco, are the contractors: A. J. Crocker, president; Harry Lesser, secretary-treasurer; Francis Betts Smith, consulting engineer; D. E. Root, superintendent (Alameda and Oakland); A. A. Horwege, superintendent (Hunters Point).

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1608-S SUPERINTENDENT OF BUILDING & GROUNDS, prefer married man about 35 with pleasant personality and some institutional experience for general supervision of buildings and grounds of resort open all year. Must be willing to carry responsibility and capable of attending to various details in connection with maintenance, repair and operations of low pressure boilers, water heaters, piping, plumbing, wiring and automobiles. Salary \$1800 year and partially furnished house. Apply by letter. Location, California.

X-4630-R-1552-S SALES ENGINEER, preferably technical graduate about 35, with sales and construction experience to estimates and detail structural steel and ornamental iron work for fabricating shop. Some travelling. Apply by letter, giving references and photograph. Salary about \$250 a month to start. Location, Kansas.

R-1597-S SALES ENGINEER, to develop the sale of wire rope for logging operations. Prefer a man about 32 with sales experience and some acquaintance with this trade. Travelling. Salary and expenses depending upon experience. Headquarters, San Francisco.

R-1563-S DETAILER AND ESTIMATOR, prefer C. E. graduate under 30, with some drafting and construction experience and sales personality to detail reinforcing steel. Salary about \$200. Permanent. San Francisco.

ADOPTS BUILDING CODE

The recently completed Building Code of Port Chester, N. Y., follows the arrangement recommended by the Building Code Committee of the Department of Commerce for use in the case of small communities.

Employing this arrangement avoids omission or duplication of items and the requirements are presented in a manner which represents the mature opinion of experts on the subject. Uniform methods of presenting requirements are generally admitted to same architects and contractors much time and energy. The arrangement recommended by the Committee is contained in the publication, "Recommended Practice for Arrangement of Building Codes," which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 10 cents per copy.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

Francis H. Hunt and Frank N. Ropp, of Los Angeles. **APPARATUS FOR FORMING MOLDS FOR COLUMNS WITH BASES**. This invention relates to the art of forming concrete foundation columns and more particularly to a novel method of an apparatus for forming a mold for concrete column, the column having a base formed integral therewith at the lower end. The inventors assign their patent to Raymond Concrete Pipe Company.

William Midgley, of Berkeley. **LEVELING SQUARE**. This provides a tool which will be better adapted to perform the required functions as may be necessary in construction work, than are the tools devised before the needs of modern efficiency methods of construction were known.

Robert M. Strong, of Los Angeles. **SPRAY NOZZLE**. The primary object of this invention is to provide a nozzle which may be mounted on a corner of such a structure and which will effectively produce vertically descending water sprays in the form of vertical walls.

George F. Voight, of Oakland. **WIRE FASTENER**. A further object of this invention is the provision of a spacing element formed of an oblong strip of sheet metal bent to form a triangle, one flat side of which is adapted to seat against the wall sheathing, and one corner thereof adapted for supporting the wire lath. Mr. Voight assigns his patent to Economy Products Corp.

William E. Rawlings, of near San Jose. **JACK**. This invention relates to a device for raising a disc plow or similar implement from the ground whereby to permit rotation of its axle and sharpening of the discs.

ENGINEERING SYMBOLS TO BE STANDARDIZED

Approval of mathematical symbols as American Standards has just completed the first step in a program of unification of the scientific and engineering symbols and abbreviations used in engineering and industry, under the auspices of the American Engineering Standards Committee. The confusion resulting from variations in symbols used in different publications, reports and tables, led to the initiation of a project of unification by the Standards Committee early in 1923. The work has been progressing since that time, with 14 national organizations participating.

The approved mathematical symbols include those for arithmetic and algebra, elementary geometry, analytic geometry, trigonometric and hyperbolic functions, calculus, special functions, and vector analysis. The effort was made to select from symbols already in use those which are more clearly understood and least likely to lead to confusion with other symbols.

Professor E. V. Huntington of Harvard University, representing the American Mathematical Society, was chairman of the Mathematical Symbols sub-committee. This sub-committee is part of the Sectional Committee on Scientific and Engineering Symbols and Abbreviations of which Dr. J. Franklin Meyer of the Bureau of Standards is chairman. The Sectional Committee includes other sub-committees on symbols for hydraulics, symbols for heat and thermodynamics, symbols for aeronautics, navigation and topographical symbols, electrotechnical symbols (including radio), symbols for photometry and illumination, and symbols for mechanics, structural engineering and testing materials.

THE OBSERVER

What He Hears
and Sees
On His Rounds



Under the toll bridge is quite popular with the American motoring public, and that even a rate increase does not reduce travel is revealed in the March statement of traffic passing over the Dumbarton Bridge, which links the San Francisco and Alameda County shores across San Francisco Bay. In March, 1927, when the bridge was relatively new, 30,621 automobiles and trucks passed over the span. Last March the total number of automobiles and trucks which used Dumbarton was 29,118, an aggregate decrease of 1506 cars. Although the toll charges for automobiles was increased from 30 cents to 40 cents on March 1, by order of the San Mateo Board of Supervisors, no permanent falling off in traffic was recorded. The actual decrease was due to seven days of continuous rain, a rain which fell with such force that both the Southern and Northern portions of the states suffered thousands of dollars worth of loss. Analyzing the figures of the Dumbarton Highway Bridge Company from another angle it is seen that although the number of automobiles passing over the bridge in March, 1928, showed a decrease of 17 per cent, the increase in truck traffic was 88 per cent. And on March 1 the charges for trucks was increased 10 cents a ton.

At its triannual meeting at San Jose March 30 and 31 the Millwork Institute of California endorsed the proposed conference by the millwork industry with the Federal Trade Commission and the formation of the proposed National Millwork Association. The recommendation of H. T. Didesch that local branches of the institute supply the domestic science departments of schools and colleges with properly designed built-in kitchen equipment was approved. At the next meeting, which will be held in Los Angeles July 19, and 20, a complete plan for plant certification will be presented for adoption. The millwork schedule will be completed by a committee composed of representatives of the following firms: Hammond Lumber Co., Pacific Mfg. Co., Frank Graves Sash, Door & Mill Co., Redwood Mfrs. Co., Tilden Lumber & Mill Co., Fresno Planing Mill and Boyd Lumber & Mill Co. of Santa Barbara.

A new era in the building industry—a new era of co-operation—began April 11 in Chicago when 140 representatives of 40 groups in the building field organized and voted to incorporate the Home Modernization Bureau of the National Building Industries. A sum of money sufficient to get the work under way immediately was pledged. Headquarters will be opened in Chicago. The immediate object of the Bureau is the rehabilitation of the old home. Speakers at the conference brought out the fact that the building industry has in the used home a business opportunity as great as, if not greater, than that afforded by post-war construction. Speakers also pointed out the significance to the building industry of this meeting in which for the first time plans were made for a united, co-operative effort of all industries interested in home building.

Ludwig Hansen, San Francisco builder, has filed a voluntary petition in bankruptcy in the United States District Court setting his liabilities at \$27,795 and assets at \$5650. His wife, Mary P. Hansen, filed an identical petition.

Under the auspices of the Associated General Contractors of America a conference was held at Cleveland on April 2 to further consider the subject of in some way providing a working agreement between the general contractors and subcontractors throughout the country for an open understanding between the several branches of the building industry and for the further purpose of uniting the entire construction industry in the United States in some form of an organization for the protection and advancement of their mutual interests. The Conference was held at the Hotel Cleveland and lasted all day, an adjournment being taken for further consideration of the matter at which representatives of all branches of the industry will be invited to attend and participate.

Boards of school trustees and city boards of education in California have power to buy land and erect school buildings without an expression of opinion by the electorate, Frank English, deputy attorney general, rules. Pasadena school district authorities had called attention to section 1698 of the political code providing that school boards shall have power to buy land and build schools when they are directed to do so by a vote of their districts. This, they said, would curtail development of some districts in Los Angeles county. Special district taxes provided by other sections of the political code furnish funds for emergency purchases, English ruled.

Literally millions of tons of mud shells will be purchased from the state of Texas and used in the manufacture of a patented, waterproof cement, under a contract entered into with the state by California, Wyoming and Texas interests, according to word from Port Aransas. Industrial sites with a total frontage of 2000 feet on Harbor Island, just inside the government jetties at Port Aransas and on the ship channel which leads to Corpus Christi, have been acquired. A large plant will be built at once to manufacture the product for export.

Formation of a \$10,000,000 holding company for consolidation of 75 per cent of the lumber mills of the Grays Harbor country was assured at a meeting of representatives of the various sawmills at Aberdeen, Wash., April 24. The announcement was made by Clifford M. Weatherwax, San Francisco, owner of the Aberdeen Lumber and Shingle Company, and a leading figure in the Pacific Coast lumber industry.

Dr. Otto Freyermuth of San Francisco heads a group of San Francisco capitalists seeking a franchise from the Contra Costa County Supervisors to construct a toll bridge over Carquinez Straits. The application will be considered June 4. The structure will be of the suspension type, approximately 3200 feet in length, according to plans of Robert Fowler, New York engineer, and will cost \$3,000,000.

Rabbi Silver of Cleveland advocates the passage of a law providing for unemployment insurance. He says Germany has 18,000,000 working men insured and that England has 12,000,000. He also favors the establishment of U. S. Labor Exchanges to supply jobs for the unemployed.

Simplified Practice Recommendation No. 72 of the United States Department of Commerce has been issued by the Bureau of Standards, giving all the standard nomenclature and dimensions types for solid section steel windows. The recommendation went into effect in September, 1927, but has just been published. The first meeting of the manufacturing committee was early in 1926, at which time a committee was appointed to make a survey of current practice within the industry. A conference was held April 28, 1927, and the recommendations reducing number of varieties manufactured by 7 per cent was adopted. It was pointed out that the remaining 7 per cent of varieties covered 90 per cent of the demand.

Herbert Benjamin, chief bridge engineer for the Southern Pacific Railroad, preparing plans for a \$10,000,000 railroad bridge over Carquinez Straits, San Francisco Bay, to carry the Southern Pacific main line tracks to Portland and Ogden. Trains now leaving the San Francisco Bay district for the East and Pacific Northwest are now carried across straits on train ferries.

W. A. Johnstone, president of California State Civil Service Commission, announces that, because of resignations and a greatly increased construction program, an urgent need exists for men who have had executive experience in highway engineering work. The positions to be filled occur in the division of highways and range in salary from \$1,000 to \$400 a month. Full information may be obtained by communicating with the office of the commission at Sacramento. Applications will be accepted until May 16th for the most advanced grade and until May 25th for the other positions.

The National City Company has acquired substantial holdings in United States Realty and Improvement Company, it was learned recently. H. B. Black, former president of George Fuller Company, one of the largest building organizations in the country and most of whose stock is owned by U. S. Realty, has been elected president and chairman. The directors has approved contracts taken by the Fuller Company, which aggregate more than \$12,000,000.

The annual meeting of the Committee on Wood Utilization of the Department of Commerce has been called for May 4 in the Commerce Building, Washington, D. C. This meeting will follow a luncheon conference called by Secretary Hoover for May 3-4, so that representatives of the various branches of the lumber industry may gather simultaneously. Two half-days sessions will be devoted to discussion of the wood utilization committee's program by the principal groups of producers, manufacturers, distributors and consumers comprising the committee.

A book of reprint articles covering number of the important drilling jobs in 1927 was recently issued by the Ingersoll Rand Co., 11 Broadway, New York City. The book was issued to fill demands of miner owners, contractors and quarrymen for descriptive data of recent important projects. Copies will be furnished on request to any of the company branch offices or to the main office in New York.

TRADE NOTES

By cities Steel Products Co., capitalized for \$50,000, has been incorporated in an Francisco. Directors are: O. T. Baer, M. C. Smith and A. D. Duncan.

Specific Electric Manufacturing Co. of San Francisco has been incorporated with a capital stock of \$1,000,000. Directors are: C. J. Goodcell, A. B. Prothro, Helen R. Kalisher, A. Terkel and Dorothy F. Taylor.

W. & S. Lumber Company of Santa Clara county, capitalized for \$250,000, has been incorporated. Directors are: E. I. Dean of Mountain View; M. L. Smith, Los Altos and Ralph Evans of Milfield. Plant headquarters will be maintained at the junction of El Monte Ave. with the main San Francisco-San Jo Highway.

Stewart Manufacturing Co., 4069 Hollis St. Emeryville, announces change of address of the Stewart Hardware Specialties Division of the Parker Regan Co. to 593 Market St., San Francisco.

Albion Hardware Co., of Santa Barbara, recently organized, has purchased the stock, business and assets of the Flor Hardware Co., at 1020 Estado St., Santa Barbara, and will carry a complete hardware line. Members of the company are: Irving L. Newton and John A. Osberry, vice-president and treasurer, and Thos. B. Webb, formerly connected with Taylor company.

J. S. Phillips, president of Devoe & Reynolds Company announces that negotiations have been completed for the purchase of the Peaslee Gaubert Company, Louisville, Ky., said to be the largest manufacturers of paint, varnish and lacquer in the South. The transaction includes physical assets, good will, trade marks and its paint, varnish and lacquer business.

Steel framing for dwellings and other use of small buildings is described and illustrated in a handsomely bound booklet issued by the Steel Frame House Company of Pittsburgh, Pa., a subsidiary of the McCintie-Marshall Corporation. Issuing the booklet to the public, E. Millard, president of the Steel Frame House Company, said: "Every detail in the design, workability and economic practicability of this new system has been carefully and logically worked out and we can say without fear of contradiction that steel framing for dwellings will be the modern method of construction."

C. L. Johnson, formerly of New York City, succeeds Mark Parent, resigned representative of the Atlas Portland Cement Company of Chicago, with headquarters in San Francisco. Mr. Johnson's territory will cover that section of the Pacific Coast north of Bakersfield to the Canadian Line.

Truscon Steel Co., Youngstown, Ohio, has appointed three new vice-presidents:

I. Auten has been made vice-president in charge of sales in the standard building division. Under his charge will be sales of structural steel, steel decking and transmission structures. M. Clark has been made vice-president in charge of sales of the steel window division, with which he has been identified for the last nine years. C. D. Loveland, formerly manager of the Pittsburgh District, is made vice-president of headquarters at Newark, N. J., to be in charge of the distribution in that state.

ALONG THE LINE

California Civil Service Commission announces examinations for the following positions, applications to be filed by May 15: Mechanical engineering draftsman, Grade 3, salary \$170 to \$230 a month; assistant mechanical engineer, Grade 4, \$235 to \$280; junior estimator (building), Grade 3, \$170 to \$230; architectural draftsman, Grade 3, \$170 to \$230; senior architectural draftsman, Grade 4, \$235 to \$280; architectural designer, Grade 5, \$285 to \$350. Examinations for building construction positions, applications to be filed by May 15, are also announced as follows: General foreman on building construction, Grade 4, salary \$190 to \$240 a month; superintendent of building construction, Grade 5, \$250 to \$300.

Fred C. Hermann, San Francisco consulting engineer, has been named by the Los Angeles City Council to a board of three engineers to make an inspection of all municipal water dams. Others appointed to the board, according to press dispatches, are A. J. Wiley of Boise, Idaho, and C. H. Paul of Dayton, Ohio. Wiley served as chairman of Governor Young's commission to investigate the cause of the St. Francis dam collapse.

Architect Wm. H. Weeks, Hunter-Dunlin Bldg., San Francisco, announces removal of his San Jose office from 246 S-First St., to Rooms 819-820 Bank of Italy Bldg.

Edward G. Sheibley has resigned from the position of consulting engineer and superintendent of safety, California Industrial Accident Commission, and has opened offices in the Balboa Building, San Francisco, as consultant in accident prevention and industrial management. Prior to service with the Accident Commission, Mr. Sheibley was successively sanitary engineer for the U. S. Public Health Service, hydraulic engineer for the California Department of Public Works and director of the Bureau of Housing and Sanitation.

W. H. Lynch, formerly district engineer U. S. Bureau of Public Roads, at Omaha, Neb., has been appointed district engineer for district No. 1, embracing Oregon, Washington, Montana and northern Idaho. Mr. Lynch succeeds C. H. Purcell, formerly head of district No. 1, who recently accepted the position of California state highway engineer. Mr. Lynch, a graduate of Lehigh university, has been with the Bureau of Public Roads for the past fifteen years.

The "Blue Book" on Solid Section Steel Windows Simplified Practice Recommendation No. 72, has been received from the Government Printing Office. This recommendation, which became effective on September 1, 1927, reduced the varieties from 42,877 to 2244. Copies of the printed recommendation may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 25 cents per copy.

Miss Emma Trotokaja only woman student in the University of California College of Engineering, recently completed four years of engineering study with an excellent scholarship record. Last week she married Derrick H. Lehmer, son of Prof. Lehmer of the university, and today are on their way to Siberia for a honeymoon trip.

HERE — THERE —
EVERYWHERE

With the inauguration of the five-day week by the Bakersfield Carpenters' Union on April 9, and by the bricklayers on April 1, six of the Bakersfield building trades unions are now enjoying the double week-end holiday. Painters, plumbers, electricians and plasterers have been working but five days a week for some time. The change from five and a half days was put through without opposition from the contractors affected, and all parties concerned are well satisfied with the new system.

Master Plumbers' Association of Sonoma County held a banquet at the Howard Inn, Petaluma, April 18. Park A. Van Bebber of Petaluma, president of the association, presided. L. Cruse of Oakland, vice-president of the state association, and Edward Timmons of Richmond, were the principal speakers.

Sixteen members of the Master Plumbers' Association of the central coast cities at a meeting in Salinas April 21 elected delegates to attend the State Convention of the association to be held in San Francisco May 13-17. Towns represented at the meeting were Monterey, Santa Cruz, Watsonville, Gilroy Hollister, King City, Soledad, Gonzales and Salinas. President B. E. Underwood of Salinas presided. One delegate was chosen to represent each town.

Virtually every member of the Monterey Peninsula Builders' Exchange attended a banquet and get-together meeting April 17 at the Flor de Monterey Restaurant at Monterey. W. A. Edwards, secretary of the Monterey County Industrial Association and M. J. Murphy, Carmel contractor, were the principal speakers at the banquet which was staged under the chairmanship of Andrew Jacobsen, president.

The twentieth convention of the National Conference on City Planning will be held at Fort Worth and Dallas, Texas, May 7 to 10, and a preliminary program has already been issued, covering the tentative plans for the conclave. Zoning, street traffic planning and the development of new areas, airports and airways are among the most vital subjects that will receive full discussion.

The irresponsible bidder is one who is a novice, one who has had no experience; one with insufficient funds or equipment for the particular class or volume of work he seeks; one who is a plunger; a gambler who sizes up the field of those he must enter competition with and studies their previous bids in order to submit a bid without knowing or figuring costs. So says an exchange, (outside of that—the irresponsible is O. K.)

Ingersoll-Rand Company, 11 Broadway, New York, has just completed the sixth edition of its 140-page, two-color book entitled, "100 and 1 Ways to Save Money With Portable Compressors." In this book the company has embodied comparative cost data on its portable air compressors and air-operated tools (rock drills, paving breakers, clay diggers, backfill tampers, grinders, hoists, riveting hammers, chippers, metal drills, etc.). The information has been put together in handy-reference, cross-index form. In most cases, figures are presented on a man-hour basis so that they can be readily applied to local conditions in any part of the world.

CONSTRUCTION COSTS LOWER THAN AT ANY TIME DURING LAST 14 MONTHS

Construction costs are lower than at any time during the last fourteen months, according to statistics just compiled by the Associated General Contractors of America. Disregarding the trend generally followed during the early months of recent years, these costs last month showed a perceptible decline after having held a single level since last November.

The drop is accredited to the fact that lower prices recently have been commanded by sand, gravel, crushed stone and cement in several localities. The average of wages, remaining unchanged for the third successive month, played no part in the decline.

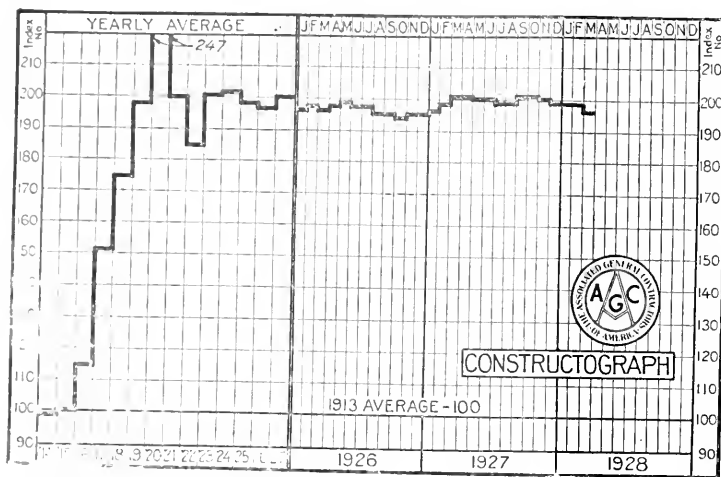
As a result of the lower costs recorded

for March, the average for the first three months of this year is shown to have fallen slightly below the figure registered for the corresponding period of 1927.

A scale which places the 1913 average at 100 as its basis indicates the March average of construction costs as holding the 197 level, two points below the recorded for the preceding month. This mark stands in comparison with the figure of 201 held by March of last year. Two years ago, the March figure was 197.

The early months of 1927 witnessed a rapid increase in costs, followed by a gradual decline which continued until a slight increase asserted itself in September. Successive declines were noted in October and November.

COST OF CONSTRUCTION



SHEET METAL CONTRACTORS HOLD ANNUAL BANQUET AT SACRAMENTO

The second annual banquet of the Sacramento Sheet Metal Contractors' Association was held on the evening of April 18, members and guests leaving the headquarters of the Sacramento Builders' Exchange and traveling by auto caravan to the Florida Inn where the banquet had been prepared. President W. H. Gibson presided.

Following the introduction of J. R. Wilson of the Latourette-Fical Co., as toastmaster, an interesting talk was delivered by J. Oakley, sales manager for Foster and Kleiser Company. Other speakers included A. Briggs of Crane Co., C. B. Nelson of Shaw-Batcher Co., and A. J. Boitano of Sinclair and Bessey Sheet Metal Works and Jos. Odgers of Daily Pacific Builder.

Following the speakers a program of entertainment was enjoyed, music being furnished by a seven-piece orchestra. Arrangements for the entertainment fea-

tures were prepared by A. J. Boitano and A. L. Triplett, secretary of the organization, who comprised the Committee of Arrangements.

Among those present were: W. H. Gibson, of Gibson Sheet Metal Works; W. N. Dunphy, of Dunphy & Davis; A. J. Boitano; J. R. Wilson; W. Davis of Dunphy & Davis; B. R. Burgess, of Burgess Sheet Metal Works; A. B. Crouch, Crouch Sheet Metal Works; Frank Z. Ahl, Ahl Sheet Metal Works; C. H. Larson, of Ahl Sheet Metal Works; F. Strader, of Subway Sheet Metal Works; H. H. Hooper, of Hooper Sheet Metal Works; A. L. Triplett, A. Briggs, of Crane Co.; Jos. Odgers, of Daily Pacific Builder; C. B. Nelson; R. Higgs, of Thomson-Diggs Co.; A. N. Brewer, of Geo. H. Tay Co.; John W. Ott, of Holbrook Merrill & Stetson; Elwood Knechler, of Holbrook Merrill & Stetson; Elwood Radcliffe, of Crane Co., and J. Oakley.

PAINTERS LEAD IN FIVE-DAY WEEK MOVEMENT—NATIONAL SURVEY SHOWS

The National Association of Building Trades Employers has just completed a survey of the five-day week throughout the country. More than 75 cities responded to the request for information as to what trades in the building industry were working the five-day week, what was the sentiment among the contrac-

tors for the same and what, if any, demands had been made upon the employers for a reduction of hours of labor per week.

The response indicated that there are four cities in the country where the five-day week is applicable to all building trades mechanics, in all three cities, how-

ever, according to reports, the bulk of the work is being done on the open shop basis.

In Baltimore, where union trades have the five-day week, more than 60% of construction work is being done on open shop basis. Atlantic City, one of the four cities, discloses the fact that hotel keepers on the Board Walk have objected to any construction work being done on Saturday and consequence the of the five-day week prevails throughout the city.

The painters and plasterers appear to be the leaders in the movement for five-day week and apparently have been able to convince their employers in a large number of cities that it is a proper thing to do. In seventeen cities these two trades with the lathers, work only five days. Several other trades are trailing them in a number of cities, they are working only five days, notably, bricklayers, who have to their credit seven cities, the plumbers, electricians and a few other trades along with smaller number for a five-day week their credit.

In reports to the association, there are some twenty or more reasons given by the contractors throughout the country why they oppose the five-day week. The outstanding reasons being the principle of the five-day week is uneconomic and unsound and that the construction business is such that during good weather is essential that men work as long as they can in order to have a building completed on time, the fear being expressed that a five-day week will cause contractors and owners to work a five day on Saturday and Sunday at overtime rates.

TECHNICAL SERVICE ESTABLISHED BY LUMBER MANUFACTURERS

An informational and technical service for users of lumber and wood in other forms has been established by the National Lumber Manufacturers Association. This service will be rendered their request to those having construction, manufacturing or utilization problems, in specific cases, and general through bulletins compiling results various research activities.

Thirty consultant engineers and specialists have already been retained by the association for this service. They are located in groups available to every section of the country and are prepared to handle problems related to construction, architecture, engineering, agriculture and industrial uses, forestry, merchandising, wood technology, lumber grading and a multitude of other topics.

The technical staff of the Association is continuously engaged in fundamental research and in addition maintains continuous association with the Forest Products Laboratory of the United States Forest Service, at Madison, Wisconsin, the Forest Service headquarters in the United States Department of Agriculture, the United States Bureau of Standards and the Wood Utilization Committee of the U. S. Department of Agriculture, all at Washington. It also maintains a system for securing information on the peculiarities of wood and new practices in production and distribution from forests and mills.

Pacific Coast offices from which this information and service can be secured are located at 74 New Montgomery St., San Francisco; 765 Geary St., (Apt. 304) Los Angeles and Pittock Bldg., Portland, Oregon.

Western Security Building Loan Association of San Francisco, has been incorporated with a capital stock of \$1,000,000. Directors are: William M. Abbott, William Schermer and J. Theo. Erlin of San Francisco, and H. J. Stratford of San Anselmo.

Building News Section

APARTMENTS

Bids To Be Taken.

APARTMENTS Cost, \$180,000
SAN FRANCISCO. W Franklin St., between Clay and Sacramento Sts. 8-story steel frame and concrete Class C apartment building (132 rooms.) Owner and Builder—Manning, Baldwin Co., Inc., 485 14th St., San Francisco. Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans To Be Prepared.

APARTMENTS Cost, \$—
SAN FRANCISCO. SE Green and Jones Streets. Twenty-story Class A community apartment building. Owner—Mutual Realty Investment Corp., (Samuel A. Schwartz). Architect—None.

LOS ANGELES, Cal.—C. Waldo Powers, 612 Hibernian Bldg., has prepared plans for a five-story class C apts., 60x110 feet, to be erected at 304 S. Manhattan Place by J. P. Stein for himself; one wheelor, 9 double and 40 single apartments; brick construction.

LOS ANGELES, Cal.—C. G. Clifton, 247 Western Ave. is taking subbids and will start construction at once on a 5-story and basement class A apts., at Franklin Ave. and Gramercy Place, for J. R. Adams; plans prepared by Architects Cramer & Wise, 567 I. W. Hellman Bldg., 105x110 feet, reinforced concrete construction; \$250,000.

LOS ANGELES, Cal.—Bessolo & Gualano, 349 Pacific Electric Bldg., preparing plans for 4-story class C apartment building to be erected on Sunset Blvd., near Golden Gate Ave., for O. McGinnis; 32 single and double apartments and 20 hotel rooms with 100 per cent baths; brick construction; cost \$100,000.

GLENDAL, Los Angeles Co., Cal.—Bessolo & Gualano, 349 Pacific Electric Bldg., Los Angeles, will start work at once on 4-story class C apts. at 721 N. Grand Blvd., for Helen E. Falconer; 32 single and 8 double apartments; brick construction, 50x145 feet.

LOS ANGELES, Cal.—Chas. A. Perryman, 1033 Windsor, preparing plans for 4-story and basement apts. to be erected on Hobart Blvd., bet. 4th and 5th Sts., for a client. 80 rooms, brick construction; cost, \$125,000.

FRESNO, Fresno Co., Cal.—Fresno Home Builders, 1231 Broadway, having plans prepared for a \$20,000 apartment house to be erected in the vicinity of Fern and Linden Aves.

FRESNO, Fresno Co., Cal.—Carl D. Hall, Fresno, contemplates early erection of a \$32,000 apartment house in the vicinity of Fern and Linden Aves. A. B. Knapp, 1926 1/2 Mariposa St., Fresno, is said to be interested in the project.

SOUTH PASADENA, Los Angeles Co., Cal.—Bessolo & Gualano, Pacific Electric Bldg., have prepared prel. plans for four-story Class C apartment to be erected at Oak St. and Fremont Ave., for J. R. Woodward, 1835 Fremont Ave., South Pasadena; 48 apts. Brick construction; \$150,000.

LOS ANGELES, Cal. — Architect S. Chas. Lee, 531 Petroleum Securities Bldg., will shortly taken general contract bids for four-story and basement Class C store and apartment building at Hollywood Blvd. and Western Ave. for Louis B. Mayer and associates; 10 stores and lobby in the first floor with 54 office suites in the three upper floors; 111x116 ft.; brick walls, 70 tons of structural steel; cost \$300,000.

LOS ANGELES, Cal. — Architects Clarke, Yinger & Clarke, 6362 Hollywood Blvd., preparing plans for a 5-story Class

A apts. to be erected at Hollywood Blvd. and Gardner St. for D. E. Harrington; steel frame and concrete construction; Moorish Gothic style of architecture; cost, \$150,000.

Plans Being Figured.

APARTMENTS Cost, \$15,000
SAN FRANCISCO. NE Church and Twenty-second Streets. Two-story and basement frame and stucco apartment building (7 apts.) Owner—George Reede, Humboldt Bank Bldg., San Francisco. Architect — Bos & Quandt, Humboldt Bank Bldg., San Francisco.

Plans Being Figured

APARTMENT Cost, \$40,000
SAN RAFAEL, Marin Co., Cal. Three-story frame and stucco apt. bldg. (twelve 2-3- and 4-room apts.) Owner—Name withheld. Architect—N. W. Sexton, DeYoung Bldg., San Francisco.

Bids are being taken from a selected list of local contractors.

Plans Complete

APARTMENTS Cost, \$50,000
SAN FRANCISCO. Vallejo and Mason. Four-story reinforced concrete apt. bldg. (twelve 2-3- and 4-room apts.) Owner—Mrs. Ferrari. Architect—P. F. DeMartini, 948 Broadway.

Plans are now in the owner's hands for approval. Bids will be taken shortly.

LOS ANGELES, Cal.—William B. Hess & Co., 435 Merchants National Bank Bldg., taking bids on segregated contracts for 5-story and basement Class C apartments on New Hampshire Ave. north of Beverly Blvd., for selves; plans by Arthur Wright, 3875 Wilshire Blvd.; 160 rooms divided into 32 single and 32 double apartments; brick and stone-tile construction, 138x142 feet.

LOS ANGELES, Cal.—J. P. Stein, owner and builder, 204 S. Manhattan Place, will erect 5-story, 109-room, 50-family class C brick apts. at 304 S. Manhattan Place; C. W. Powers, designer, 608 Hibernian Bldg. (VA 6237); 60x136 feet; \$125,000.

LOS ANGELES, Cal.—C. J. Dwyer Co., 3142 Wilshire Blvd., completing plans for 11-story steel frame apartment building to be erected at 626 S. Kingsley Drive for Kingsley Manor Corp., Rex B. Duncan, president; 4 apartments to each floor and each apts. to contain 7 rooms. Steel frame and reinforced concrete construction. 95x150 feet; \$1,000,000. Weymouth Crowell Co., 2104 E. 15th St., will probably be the contractors.

Bids To Be Taken In A Few Days.

APARTMENTS Cost, \$40,000
SAN FRANCISCO. Forty-eighth Ave. and Moraga Street. Three-story frame and stucco apartment building (42 rooms). Owner—Lucien Gruss, 2295 Francisco St., San Francisco. Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Sub-Bids Being Taken.

APARTMENTS Cost, \$25,000
SAN FRANCISCO. S Casa Way N Retro Way. Three-story and basement frame and stucco apartment building (9 apts.) Owner and Builder—Thomas Scoble, 336 Kearny St., San Francisco. Architect—Edward E. Young, 2002 California St., San Francisco.

BONDS

ALHAMBRA, Los Angeles Co., Cal.—Alhambra school board will submit bond issue totaling \$1,400,000 at municipal election to be held in June, \$1,100,000 of proceeds to finance construction of new senior and junior high school buildings and \$300,000 for the purchase of school sites. In the event that the bonds are affirmed Architects John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles, will prepare plans for the new structures. An Alhambra architect, to be selected later, will probably be associated on the work.

SANTA MARIA, Santa Barbara Co., Cal.—Bonds of \$65,000 to finance school improvements for Santa Maria School District sold by county supervisors for premium of \$4,201.

FRESNO, Fresno Co., Cal.—Until May 4, bids will be received by county supervisors for purchase of \$10,000 bond issue of Wahtoke School District; proceeds of sale to finance erection of new school.

ORANGE, Orange Co., Cal.—May 15 set to vote bonds of \$95,000 in Orange Grammar School District to finance erection of new school.

TEHAMA, Tehama Co., Cal.—County supervisors refuse to approve \$25,000 bond issue of Tehama School District to finance erection of new school. The issue was declared invalid due to irregularities in proceedings. Another election will be held. Starks & Flanders, Ochsner Bldg., Sacramento, are the architects.

DEL MONTE, Monterey Co., Cal.—County supervisors sell \$11,000 bond issue for premium of \$421; proceeds of sale to finance erection of new school.

TIPTON, Tulare Co., Cal.—County supervisors sell \$43,000 bond issue of Tipton School District for premium of \$777; proceeds of sale to finance erection of new school.

YUMA, Ariz.—Somerton School District sets May 22 as date to vote bonds of \$75,000 to erect new school.

LODI, San Joaquin Co., Cal.—Second election will be called in Houston School District to vote bonds of \$40,000 to finance erection of new school. A previous election for \$60,000, for the same purpose, failed to carry at a recent election.

SACRAMENTO, Cal.—June 16 is date set by Board of Education to vote bonds of \$2,716,000 to finance school improvements, over a four-year building program. In addition to other improvements a new school will be erected at Tenth and P Sts.; new elementary school at 14th and 5th Sts.; new junior high school on site of present Homeland school; new junior high school at 40th St. and 14th Ave., and another at 51st and J Sts. Chas. C. Hughes, secy. of Board of Education

Orders-Inquiries

60
pages
Send
for
FREE

Can be
Secured
by
MAIL



POLK'S REFERENCE BOOK
and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compiler—Business Statistics
Producers of Direct Mail Advertisings

SAN MARINO, Cal. Bonds of \$150,000 voted to finance the purchase of an 18-acre school site. A junior high school will be erected later.

CULVER CITY, Los Angeles Co., Cal.—Culver City School District sets May 18 as date to vote bonds of \$125,000 to finance additions to present schools. Francis D. Rutherford, Santa Monica, will prepare plans. Harold Kuhl, clerk of district.

CHURCHES

Bids To Be Taken In 30 Days.

CHURCH Cost, \$50,000
SACRAMENTO, Cal. Tenth Street, bet O and P Streets.
Two-story brick church building (auditorium seating capacity 450).
Owner—First Evangelical Church.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

Plans Being Completed.
ALTERATIONS Cost, \$50,000
SACRAMENTO, Sacramento Co., Cal. Twenty-seventh and N Streets.
Alterations and additions to present church building (Bible school addition; auditorium, etc.).
Owner—First Christian Church.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.
Bids will be taken in 30 days.

ALAMEDA, Alameda Co., Cal.—Rev. Dennis J. Cavanaugh, representing the Roman Catholic Archbishop, has petitioned city council to rezone the territory at the southwest corner of High and Van Buren streets to permit the erection of a modern church building. The matter has been taken under advisement.

Working Drawings Being Prepared.
CHURCH Cost, \$60,000
MT. VIEW, Santa Clara Co., Cal.
One-story reinforced concrete church bldg. (seating cap 600) Spanish type, tile roof.
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.
Bids will be taken for a general contract on May 20.

General Bids To Be Taken April 27.
CHURCH Cost, \$50,000
RENO, Washoe Co., Nevada.
One-story reinforced concrete church building with tile roof.
Owner—Trinity Episcopal Church.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 523 Market St., San Francisco.
General bids are being taken and are being received at Reno by Mr. De Longchamps.

SAN FRANCISCO—See "Government," this issue.

LA VERNE, Los Angeles Co., Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, preparing plans for church for the Church of the Brethren; cost \$100,000; reinforced concrete.

Factories & Warehouses

Contract Awarded.
WAREHOUSE Cost, \$60,000
OAKLAND, Alameda Co., Cal. Fourth St. E of Harrison.
Three-story and basement Class B reinforced concrete warehouse (65x110 feet).
Owner—Oakland Wholesale Grocery Co., Inc., 11th and Harrison Sts., Oakland.
Engineer—Norman B. Green, Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist, 693 Mission St., San Francisco.

LINDSAY, Tulare Co., Cal.—Shell Oil Co. will construct oil storage distributing plant in southern section of city including installation of 25,000-gal. storage tank, steel fencing, loading stand and platform with warehouse, garage building, etc.

Contract Awarded.
WAREHOUSE Cost, \$8,000
SAN FRANCISCO, NW Hooper St. and 7th St.
One-story frame warehouse.

Owner—Ames & Co., 162 2nd St.
Architect—Gottschalk and Rist. Phelan Building.
Contractor—Fred Neuter, 1780 9th Ave.
Building permit applied for.

OAKLAND, Alameda Co., Cal.—The following bids were received by the City of Oakland, Port Commission, Oakland Bank Building, to furnish steel frame and piling, in connection with the construction of a one-story Class A warehouse. It is to be erected on the Fourteenth Street Wharf, Oakland, for the City of Oakland:

Piling	
Jasper Stacy Co., 216 Pine St., S. F.	\$682
Oakland Harbor Const. Co., Oakland	685
A. W. Kitchen Co., San Francisco	692
Steel Frame	
Herrick Iron Works, 18th & Campbell, Oakland	(A) \$93.60 (B) \$90.60
Pacific Coast Eng. Co., Oakland	(A) 109.95 (B) 87.00
Judson Pacific Co., San Francisco	(A) 99.40 (B) 78.00
Moore Drydock Co., Oakland	(A) 102.30 (B) 87.40
California Steel Co., Oakland	(A) 96.87 (B) 82.00

HIGGS, Butte Co., Cal.—H. G. McClure, Biggs, will rebuild rice mill on site of structure recently destroyed by fire. Insurance matters are now being adjusted. Est. cost \$30,000, including equipment.

SAN FRANCISCO.—Torino Bakery, 2801 Twenty-third St., suffers \$100,000 fire loss.

TURLOCK, Stanislaus Co., Cal.—Tide-water Southern & Southern Pacific Railroad Companies plans expansion and industrial development involving an expenditure of \$100,000. Four packing sheds, 300 ft. in length, two of 32 ft. width and two 60 ft. wide.

Segregated Bids to Be Taken In 1 Week.
AUTO LAUNDRY Cost, \$60,000
OAKLAND, Alameda Co., Cal.; Location withheld.
Class C brick and concrete auto laundry (Rosebrook system).
Owner—Name Withheld.
Architect—Guy L. Rosebrook, 1404 Franklin St., Oakland.
\$18,000 is to be expended on mechanical equipment, to include high pressure steam boilers, pumps etc.

Segregated Bids to Be Taken In 1 Week.
AUTO LAUNDRY Cost, \$60,000
SAN FRANCISCO. Location Withheld.
Class C brick and concrete auto laundry (Rosebrook system).
Owner—Name Withheld.
Architect—Guy L. Rosebrook, 1404 Franklin St., Oakland.
\$18,000 is to be expended on mechanical equipment, to include high pressure steam boilers, pumps, etc.

Plans Being Completed.
TERMINAL BLDG. Cost, \$3,000,000
SAN FRANCISCO. Block bounded by Bulkhead line and Laguna St., Marina Blvd., Beach St. and Webster St.
Five-story concrete terminal building 412 x 200 ft.; reinforced concrete wharf, 1120x412 ft.; two-story reinforced concrete warehouse, 212x100 ft.; four-story concrete garage building, 114x95 ft.

Owner—S. F. Produce and Provision Terminals, Financial Center Bldg.
Engineers—Ellison and Russell, Pacific Building.

Owner Taking Sub-Bids.
WAREHOUSE Cost, Price, \$127,534
SACRAMENTO, Sacramento Co., Cal. Bordering on the American River.
One-story concrete cannery; one-story brick warehouse, 200x200 feet; several frame sheds.
Owner—California Co-Operative Producers, Foot of 11th St., Oakland.
Architect—Eng. Dept. of Owner.
Contractor—English Estate Co., 26 Montgomery St., San Francisco.

CONCORD, Contra Costa Co., Cal.—Growers in the vicinity of Concord have complied with requirements of H. J. Heinz Corp., 217 2nd St., San Francisco, which assures the establishment of a dill pickle packing plant. A structure owned by John C. Ott and served by the Southern Pacific R. R. will be remodeled and equipped for the plant.

RENO, Nevada—Wine & William Reno, at \$8076 awarded contract to Washoe County Commissioners to erect warehouse for storage of county equipment; will be 36 by 200 ft., steel frame with corrugated iron walls and roof. Geo. A. Ferris & Son, architects, Reno.

WALNUT CREEK, Contra Costa Co., Cal.—Union Oil Co., has taken option of 2-acre tract on Burgess lands on Lafayette Highway on which will be erected a storage and distributing plant.

SANTA CLARA, Santa Clara Co., Cal.—Security Warehouse & Cold Storage Co., will erect a pre-cooling and cold storage plant served by the Southern Pacific between the present packing plants of Libby, McNeil & Libby and the Pratt-Low Company. Plant will be ready to handle the 1928 crop. Officers of the company are: E. E. Chase, president; Frank A. Wilder, vice-president and J. Q. Patton, secretary and general manager.

SANTA CLARA, Santa Clara Co., Cal.—Association has been organized to finance erection of two-story pear packing plant near the University of Santa Clara athletic field, just south of the Southern Pacific depot. Est. cost \$20,000. Will be of sawtooth roof type and equipped with latest type of washing machines for cleaning spray residue, conveyors and automatic devices for handling fruit. Basement will provide for storage. N. L. Mead is president of the association. Will B. Weston, vice-president; Frank J. Reidy, secretary; W. G. Brown and F. W. Bracher, directors.

LIVE OAK, Sutter Co., Cal.—Sacramento Valley Walnut Growers Association plans early erection of \$40,000 packing plant. N. F. Todd of Live Oak is president of the association and I. C. Shidler, Live Oak, secretary.

COLUSA, Colusa Co., Cal.—Colusa County Telephone Co. will erect structures at Arbuckle and Williams to house new automatic equipment; cost \$2,500.

SALINAS, Monterey Co., Cal.—E. F. Reese, San Francisco, at \$11,619 awarded contract by county supervisors to erect machine shop at county corporation yard.

Contract Awarded.
ADD. TO WAREHOUSE Cost, \$50,000
SAN FRANCISCO, SW 15th and Vermont Streets.
Two-story addition to present class C storage warehouse.
Owner—Western Pacific R. R. Co., Mills Bldg.
Architect—Eng. Dept. of owner, H. M. Smitten, Engineer.
Contractor—F. R. Siegrist Co., 693 Mission St.
Sub-bids will be taken in a few days.

LOS ANGELES, Cal.—William B. Hess & Co., 435 Merchants National Bank Bldg., taking general contract bids for 8-story Class A lofts at 1022 Santee St. for selves; plans by Russell Collins, Spring-Arcade Bldg.; reinforced concrete construction, 55x146 feet.

REDDING, Shasta Co., Cal.—California Petroleum Co. has purchased site with 100 ft. frontage at Market and South streets on which will be erected a distributing plant and service station.

Plans Being Figured.
PACKING PLANT Cost, \$—
BRENTWOOD, Contra Costa Co., Cal. Frame fruit packing plant (76x150 ft.).
Owner—Balfour-Guthrie Co., 351 California St., San Francisco.
Architect—Engineering Dept. of Owner.

SAN DIEGO, Cal.—General Development Corp., Dick Richards, representative, has petitioned city council for lease on block of tide land at Third St. and Harbor Blvd. for erection of wholesale terminal market; cost \$300,000.

BURBANK, Los Angeles Co., Cal.—T. E. Young Box 461, Santa Monica, superintend erection of new buildings at Moreland Truck Co. plant. Work by the day and subcontract; will include a display building, one-story, 75x60 ft., and a storage building, 30x100 ft.; brick, concrete and steel construction.

FLATS

Contracts Awarded
AT BLDG. Cost, \$13,000
AN FRANCISCO. Powell Street, bet. Pacific and Broadway.
 Three-story frame and stucco flat and store building (two 5-room flats and one store).
 Owner—L. Madrieres.
 Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
 Contractor—G. P. W. Jensen, 520 Market St., San Francisco.
Work—Redwood Mfg Co., Hobart Bldg.
umber—Pope and Talbot, Russ Bldg
concrete—Louis Sartorio, 1817 Filbert St.
ass—W. P. Fuller, 301 Mission St.
offing—J. W. Bender Roofing Co., 18th and Bryant Sts.
le Work—Malott & Petersen, 2221 20th Street.
umbing, Heating & Sheet Metal Work
Frank Davison, 1499 Guerrero St.
ans Being Figured
ALTER & ADDITIONS Cost, \$6500
AN FRANCISCO. 1142-44 Masonic Ave. Alterations and additions to present flat bldg. Alter. for a room house.
 Owner—Name withheld.
 Architect—A. H. Knoll, 222 Kearny St.

GARAGES

ork Started.
ALTERATIONS Cost, \$—
ACRAMENTO. Cal. NW Tenth and L Streets, 60x120 feet.
 remodel present building for garage.
 Owner—B. S. Berry, 110 Sutter St., San Francisco.
 Architect—Starks & Flanders, Ochsner Bldg., Sacramento.
 Contractor—McGillivray Constr. Co., Folsom Blvd., Sacramento.
orking Drawings Being Prepared.
ORAGE Cost, \$25,000
AN JOSE. Santa Clara Co., Cal. Auzerals and Prevost Streets.
 one-story reinforced concrete garage building.
 Owner—Floyd Hanchett, Porter Road, San Jose.
 Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.
 Bids will be taken for a general contract in one week.
ontract Awarded.
ORAGE Cost, \$40,000
ALINAS. Monterey Co., Cal. Aisal and Monterey Streets.
 ne-story steel frame and concrete garage building (100x200 feet).
 Owner—F. E. Heple.
 Architect—W. F. Campbell, Salinas.
 Contractor—F. R. Siegrist Co., 693 Mission St., San Francisco.
 Sub-bids to be taken in one week.

MARYSVILLE. Yuba Co., Cal.—W. M. Cooper, 909 7th St., Marysville, at \$12,000 awarded contract by Tideo Nakamura to erect one-story Thermotite tile garage in C St., bet. 1st and 2nd Sts.; concrete floor; gravel roof with steel russes; 60 by 160 ft.

GOVERNMENT WORK AND SUPPLIES

Planned
WARD BLDG. Cost, \$50,000
AN FRANCISCO. Letterman General Hospital.
 Two-story reinforced concrete ward building with tile roof.
 Owner—United States Government.
 Architect—Supervising Architect, Treasury Dept., Washington, D. C.
Planned.
CHAPEL Cost, \$40,000
AN FRANCISCO. Letterman General Hospital.
 One-story frame and stucco chapel.
 Owner—United States Government.
 Architect—Supervising Architect, Treasury Dept., Washington, D. C.
MARE ISLAND. Cal.—Until May 16, 11 A. M. under Specification No. 5583, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D.

C., for automatic refrigerators consisting of refrigerator boxes, motor-driven compressors, condensers, liquid receivers, expansion coils or units, wiring, piping and accessories for Mare Island Navy Yard (Hospital). See call for bids under official proposal section in this issue.

SAN FERNANDO. Los Angeles Co., Cal.—Following is complete list of bids received by U. S. Veterans' Bureau, Washington, D. C., for plaster painting at San Fernando Veterans' Hospital:
 Item 1, complete; 1a, add or deduct using lithophone paint.
 Herbert J. McKinley, Beverly Hills, Calif., item 1, \$13,435; 1a, deduct \$435; 10 days.

R. E. Swan, South Gate, Los Angeles Co., Calif., item 1, \$16,950; 1a, deduct \$2690; 120 days.

Arenz-Warren Co., Inc., Los Angeles, Calif., item 1, \$18,667; 1a, deduct \$690.
 Climax Painting Shop, 204 Lisner Bldg., Los Angeles, Calif., item 1, \$20,460; 1a, deduct \$296; 110 days.

Cris. Heinsbergen Jr., 2824 W. 10th St., Los Angeles, Calif., item 1, \$18,818; 1a, deduct \$707; 90 days.

Waldman Corp., 4175 Santa Monica Blvd., Los Angeles, Calif., item 1, \$13,542; 1a, deduct \$968; complete 90 days.

Harry Wasserman and W. F. Ingram, 2618½ Sunset Blvd., Los Angeles, Calif., item 1, \$19,000; 1a, deduct \$1,500; 90 days.

D. E. Burgess, Stockton, Calif., item 1, \$12,502; 1a, add \$1052; 120 days.

Abe Gelfan, 3279 W. 10th St., Los Angeles, Calif., item 1, \$18,140; 1a, deduct \$1207; 90 days.

Wm. Gelfan, 2185 W. Washington St., Los Angeles, Calif., item 1, \$16,305; 1a, deduct \$450; 90 days.

Wm. R. Morgan & Co., 261 Southwestern Ave., Los Angeles, Calif., item 1, \$21,200; 1a, deduct \$980; 62 days.

L. Reitman, 4157 W. 5th St., Los Angeles, Calif., item 1, \$19,830; 1a, deduct \$350; 120 days.

Alhambra Wall Paper & Paint Co., Inc., 41 E. Main St., Alhambra, Calif., item 1, \$19,300; 1a, no change; 70 days.

G. C. Hewitt, 174 Glendale Blvd., Los Angeles, Calif., item 1, \$26,850; 1a, deduct \$1800; 75 days.

Blue Ribbon Builders, 512 E. A St., Ontario, Calif., item 10 \$18,246; 1a, deduct \$500; 120 days.

M. Becker, 4507 W. 1st St., Los Angeles, Calif., item 1, \$41,65 (telegraphic bid).

Planned
ADDITION Cost, \$70,000
SAN FRANCISCO. Letterman General Hospital.

Addition to nurses' home (accommodations for 40 nurses).
 Owner—United States Government.
 Architect—Supervising Architect, Treasury Dept., Washington, D. C.

CRESCENT CITY. Del Norte Co., Cal.—Hobbs, Wall and Co., Crescent City, awarded contract by U. S. Engineer Office to fur. and del. 5,000 yds. river gravel in connection with concrete capping on Crescent City breakwater.

WASHINGTON. D. C.—Until May 11, 2 P. M., bids will be received by Post Office Department, to furnish and deliver 10,500 7 ft. concrete letter box posts. Further information obtainable from above office.

GUANTANAMO BAY. Cuba—Bids are being received (date for opening not set), under Specification No. 5356, by Bureau of Yards and Docks, Navy Department, to furnish and install two 250 k. w. Diesel engine generator sets with starting equipment, exhaust stack, ducts, silencer and exhaust heater, motor generator sets, centrifugal oil purifiers, oil storage and supply tanks, motor-driven centrifugal fire, fresh water and oil pumps, water softening equipment, a. c. motors for existing air compressors, ammonia compressors and evaporator pumps, equipment foundations and concrete sumps, switchboard, wiring and electrical apparatus, and complete piping system and accessories for the equipment; also removal, replacement and relocation of existing equipment, piping, wiring, etc., and the installation of equipment furnished by the government at the naval station, Guantanamo Bay, Cuba; deposit of \$10 required for plans, obtainable from Bureau. Following is a prospective list of bidders for this work: Ray A. Phelps, Engineer, Beloit, Wis.; O'Connell Electric Co., 63 Mt. Hope Ave., Rochester, N. Y.; Nordberg Mfg. Co., Milwaukee, Wis.; Ingersoll-Rand Co., 11 Broadway, New York City; Fairbanks-Morse & Co., 115 E. Lombard St., Baltimore; The Aldrich Co., P. O. Box 345, Allentown, Pa.; De La Vergne Machine Co., 910 E. 138th St., New York City; R. H. Baker Co., Inc., 238 Main St., Cambridge, Mass.; Westinghouse Electric & Mfg. Co., Washington; Virginia Engr. Co., Inc., First National Bank Bldg., Newport News, Va.; The Permutit Co., 440 4th Ave., New York City; M. H. Pagenhardt, 2130 Locust St., Philadelphia; Newport Contracting & Engineering Co., Law Bldg., Newport News, Va.; New London Ship & Engine Co., Groton, Conn.; John W. Danforth Co., 70 Ellicott St., Buffalo, N. Y.; H. E. Cook Co., Inc., 28 Light St., Baltimore; Crane Co., Washington; Busch-Sulzer Bros. Diesel Engine Co., 2 Rector St., New York City; Bethlehem Steel Co., Inc., 25 Broadway, New York City; Austin Engineering Co., Inc., 566 Southern Blvd., New York City; Industrial Power Equipment Co., 421 W. Camden St., Baltimore; General Electric Co., Schenectady, New York.

WASHINGTON. D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8906, western yards, valves, rubber, pump, May 15.

Sch. 8909, east and west, hair felt, May 15.

Sch. 8915, Mare Island, 1 pumping unit and 1 steel stack, May 8.

Sch. 8920, Mare Island, or f. o. b. works, 202,500 lbs. stud link chain fathoms and 500 lbs. swivel shots, May 8.

Sch. 8931, Mare Island, Puget Sound, air compressors and spare parts, May 8.

Sch. 8937, western yards, Portland cement, May 15.

Sch. 8938, western yards, dry batteries and flashlight batteries, May 15.

Sch. 8939, western yards, petroleum spirits, May 15.

SAN FRANCISCO. Cal.—The Ingle Mfg. Co. of San Diego, at \$1664.75 submitted the only bid and was awarded the contract by Construction Quartermaster, Fort Mason, to furnish and install two oil burning ranges at Letterman General Hospital, Presidio.

SAN FRANCISCO. Cal.—J. A. Grant, 666 Mission St., at \$2859, awarded contract by Arthur Newman, Main Post Office, in connection with painting the interior of the Post Office building.

SAN LUIS OBISPO. Cal.—Jos. Piasecki, 135 Saturn St., San Francisco, at \$9882 awarded contract by Adjutant General R. E. Mittlestaedt, to construct 200 tent floors, 90 corrals and 27 feed racks at National Guard Training Camp, San Luis Obispo.

SAN DIEGO. Cal.—David H. Ryan, 1615 Fern St., submitted low bid to Public Works Officer, naval operating base, 11th naval district, San Diego, at \$23,250 to const. roads, walks, and grading, at the naval operating base (hospital) San Diego.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
 Painters and Decorators
 SINCE 1885
 374 GUERRERO STREET, SAN FRANCISCO
 Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

FALLON, Nevada.—In addition to those previously reported, following are the bidders for erection of Fallon Post office, under plan which will be opened by Supervising Architect, Treasury Department, Washington, D. C., May 17. Work & Fritz Construction Co., Red Bluff, Calif., and I. H. Kent Co., Fallon, Nevada.

MARCH FIELD, Riverside Co., Cal.—Wm. C. Gardinier states that bids will be advertised for soon for the construction of new buildings at the army aviation field at March Field near Riverside. Plans have been completed and are awaiting only the approval of the special committee of the American Institute of Architects as to design. It is understood that all plans have been approved except plans for thirty-six sets of officers' quarters which were just recently submitted to the committee. The work will include the officers' quarters to cost \$750,000, two enlisted men's barracks to cost \$550,000, eight structural steel hangars to cost \$1,000,000, non-commissioned officers' quarters to cost \$150,000, administration building to cost \$20,000, armament building to cost \$40,000, warehouse to cost \$40,000, machine shops to cost \$10,000, hospital to cost \$80,000, and roads, sewers, water and electric systems to cost \$100,000. The total cost of the completed project is estimated at approximately \$3,000,000. Plans for this work will be on file in the office of Larsen Advance Construction Reports when a date for bid opening is set.

BERKELEY, Alameda Co., Cal.—Appropriation of \$25,000 has been provided to finance erection of a one-story concrete addition, 40 by 70 ft., for Berkeley post-office. The money will be available July 1.

SAN DIEGO, Cal.—Low bids received by Bureau of Yards and Docks, Navy Department, to const. storm drain at naval operating base, San Diego, follow:

Item (1), reinf. conc. pipe, G. W. Cushing, San Diego, at \$14,554.

Item (2), terra cotta, deWaard & Son, San Diego, and Pernel Barnett, 751 W. Chapman St., Orange, tie bids at \$18,000 each.

Item (3), conc. pipe cast in place, R. E. Hazard Contracting Co., 2528 Kettner Blvd., San Diego, at \$14,390. Work will include 30- and 36-in. reinf. conc. drain pipes, street inlet, manholes, catch basins, creosoted timber outlet flume, cast iron pipe connection to the pump house, disconnection and plugging of existing drain lines, connection to existing terra cotta drains, remove and reinstallation of existing steam conduit and restoration on all pavements, curbs and other structures damaged in prosecution of work.

SAN FRANCISCO, Calif.—Crane Co., 301 Brannan St., at \$7,99 awarded contract by Constructing Quartermaster, Fort Mason, to furnish and install three 30-inch drinking fountains at Letterman Hospital.

HALLS AND SOCIETY BUILDINGS

OROVILLE, Butte Co., Cal.—Oroville Elks Hall Association has called special meeting of stockholders in Odd Fellows Hall, Montgomery Street, for April 28 to take action upon the offer of Chas. S. Mabrey Co., Inc., general contractors of Sacramento, to erect a new lodge building. E. W. Clemon is president of the association and H. E. Neyens, secretary. Directors are: W. T. Baldwin, S. N. Feldheim, O. W. Halstead, C. E. Porter and C. O. Hamilton.

ALTURAS, Modoc Co., Cal.—Civic Club plans erection of \$10,000 club building in Main street. Funds to finance are now being raised.

ALTURAS, Modoc Co., Cal.—Masonic Hall suffers \$5000 fire loss, April 23, partially covered by insurance.

Working Drawings Being Prepared.
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Cal. SW Fifteenth and K Streets, 50x160 feet.

Four-story concrete, brick and terra cotta lodge building.
Owner—Aerie No. 901, Fraternal Order Eagles (William J. Tuller, President).
Architect—Coffman, Sahlgren & Stafford, Plaza Bldg., Sacramento.

Plans will be ready for bids in about two weeks.

HOSPITALS

SAWTELLE, Los Angeles Co., Cal.—The sum of \$2,000,000 will shortly be available to erect twelve fireproof barracks buildings at the Government Soldiers' Home at Sawtelle. The bill appropriating funds has been passed by House and Senate and will probably be signed by the President in a few days.

Plans Being Prepared—Contract Awarded
HOSPITAL. Cost, \$250,000
RENO, Nevada. Sixth and Chestnut Sts. Four-story reinforced concrete and brick hospital building (65 rooms).

Owner—Dominican Sisters (Sister Raymond in charge).
Architect—Willis Polk Co., 277 Pine St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Will be known as St. Mary's Hospital.

Plans Being Prepared—Contract Let.
HOSPITAL. Cost, \$375,000
ORANGE, Orange Co., Cal. Four-story steel frame Class B hospital (100-bed capacity).

Owner—Sisters of St. Joseph of Humboldt and Orange Counties.

Architect—Newton Ackerman, Eureka, Structural Engineers—Ellison & Russell, Pacific Bldg., San Francisco.

Mechanical Engineers—Leland & Haley, 58 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

In connection with the main hospital building there will be erected a chapel, rooms for the Sisters and the help, a heating and laundry building and nurses' home building. The structures are to be built on a 10-acre orange grove facing the end of Stewart Drive and one block east of El Camino Real Highway, bet. the cities of Orange and Santa Ana.

SAWTELLE, Los Angeles Co., Cal.—Koerner & Gage, architect and engineer, 168 N. Camden Dr., Beverly Hills, completing plans for Class A mess hall building to be erected at the Soldiers' Home, Sawtelle. Central portion will be one-story, 60x200 ft., and there will be two end wings, each two stories, 200x70 ft. It will contain kitchen and commissary departments, dining halls and dormitories for employees; reinforced concrete. Bids will be taken after May 1.

Construction To Start April 25th.
HOSPITAL BLDGS. Cost, \$—
REDWOOD CITY, San Mateo Co., Cal. in vicinity of San Francisco Tubercular Preventorium.

Dormitory buildings; nurses' quarters; dining hall; community hall, etc., all of frame construction.

Owner—San Francisco Bulletin Happyland Club.
Architect—Francis Catton, 352 Sutter St., San Francisco.

Construction will be of Swiss Chalet type of architecture. Dormitory buildings will have capacity of 200 beds and so constructed as to permit their use for open air purposes. A separate structure will be erected for nurses' quarters in addition to dining hall with kitchen, etc. A community hall will also be erected. All materials are being donated by material manufacturers and work is to be done by day's labor by sub-contractors.

SALINAS, Monterey Co., Cal.—County Probation Officer Ney Otis estimates cost for proposed county detention home at \$40,000. No action was taken pending the submission of preliminary plans for a combined detention home and tubercular hospital, this construction being estimated at \$140,000.

PASADENA, Los Angeles Co., Cal.—Sisters of St. Joseph, Orange, file application with city directors to change zoning regulations on 4½-acre site recently purchased on Howard St. bet. El Molino and Lek Aves. to allow erection of class A hospital. Will be erected in two units, the first will cost approximately \$250,000 and will have 150 beds, and the completed institution, as planned, will represent an investment of \$1,000,000. An architect has been selected and will be announced as soon as the zoning has been changed.

SAN FRANCISCO—See "Government," this issue.

LOS ANGELES, Cal.—Architect Frederick Kennedy Jr. and Engineer W. Shepherd, 15 S. El Molino St., Pasadena completing plans for two one-story cottages, 145x50 ft., to be erected on 4-acre site near Chalk Hill in the San Fernando Valley for Protestant Welfare Association; frame and stucco construction.

LOS ANGELES, Cal.—Architect Arthur Kelly, 2512 W. 7th St., completes plans for 2-story class D dormitory at 700 Taring Rd. for Westlake School for Girls, 350x70 feet, frame and stucco construction, \$136,000.

LOS ANGELES, Cal.—Architect L. Parker, 804 Architects Bldg., preparing plans for Physiotherapy building to be erected at 2400 S. Flower St. for Orthopaedic Hospital, Richards-Neustada Construction Co., 117 W. 9th St., will probably erect; 3-story and base; reinforced concrete construction; cost \$225,000.

HOTELS

Preparing Preliminary Plans
HOTEL BLDG. Cost, \$150,000
GARBERVILLE, Humboldt Co., Cal. Two-story class C reinforced concrete hotel bldg.

Owner—Name withheld.
Architect—Guy L. Rosebrook, 140 Franklin St., Oakland.

Plans Being Completed.
HOTEL. Cost, \$100,000
SAN FRANCISCO. Location withheld. Two-story Class C hotel building (60 rooms).

Owner—Withheld.
Architect—Guy L. Rosebrook, 140 Franklin St., Oakland.

Bids will be taken in about 3 weeks.

Completing Plans.
HOTEL. Cost, \$125,000
SAN FRANCISCO. Location Withheld. Two-story Class C concrete hotel building (60 rooms).

Owner—Withheld.
Architect—Guy L. Rosebrook, 140 Franklin St., Oakland.

Bids to be taken in about 3 weeks.

MARYSVILLE, Yuba Co., Cal.—Tucker & Riley, Wolfe Hotel Bldg., Stockton seek building permit to rehabilitate Philadelphia House at Second and streets, providing for two stores on the ground floor and 25 guest rooms and two-room apartment on second floor. On the brick walls will be used in the reconstruction work, all other portions being replaced. Ralph Morrell, architect, Union Bldg., Stockton.

BAKERSFIELD, Kern Co., Cal.—Harry G. MacBain, mayor of the city of Glendale, plans immediate construction of a \$100,000 hotel at Frazier Mountain Park, south of Bakersfield. Will be one-story rustic construction with accommodations for 75 persons in addition to housekeeping facilities for 150 additional persons. Future developments will involve an expenditure of \$600,000.

Sub-Contract Awarded
HOTEL. First unit, \$100,000 (ultimate cost, \$500,000)
SALINAS, Monterey Co., Cal. Six-story steel frame fireproof hotel.

Owner—William Jeffery, Jeffery Hotel Salinas.
Architect—Kump & Johnson, Rowell Bldg., Salinas.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

Structural Steel—Judson Pacific Co., 60 Mission St., San Francisco.
Pile Driving—S. Nicholas, San Jose.

PHOENIX, Ariz.—Architects Walker & Eisen, Western Pacific Bldg., Los Angeles, preparing preliminary plans for a class A addition to Adams Hotel, for Adams Hotel Corp.; 8 or 9 story with stores and lobby on the first floor and 100 hotel rooms on the upper floors. Reinforced concrete construction, 50x135 feet, face brick and east stone exterior; cost \$250,000.

CHULA VISTA, San Diego Co., Cal.—A. A. Murray, 319 Hollywood Security Bldg., is preparing plans for a three-story hotel-apartment to be erected at Davidson St. and Third Ave. for Chula Vista Community Hotel Co.; 65 guest rooms with 50% tile baths, 6 stores cost, \$100,000.

RENO, Nevada.—N. D. Smith, formerly New York and more recently of Reno, is purchased property with 50-ft. frontage in Sierra St., and depth of 140-ft., on Reno Lodge No. 14, I. O. O. F., and contemplates early construction of a five or six story hotel building. Will be of brick construction. Preliminary plans are said to have been completed.

Being Done by Day's Labor
ALTERATIONS \$100,000
ASO ROBLES, San Luis Obispo Co.; Paso Robles Hot Springs Hotel 1100 foot frontage on highway. Alterations and additions to present hotel bldg. (add several stores). Owner—Jos. Greenback, at el, Hearst Bldg., San Francisco. Architect—None. Contractor—William McIntosh.

PHOENIX, Ariz.—Bids to erect new Elmore Hotel at Phoenix will be called for in about ten days. Plans are being completed by Architect Albert Chase Marthar, Phoenix. The building will cost about \$1,000,000.

TUCSON, Ariz.—T. C. Triplett Building Co., awarded contract to erect a two-story brick store and hotel at Broadway and Herbert Sts. for C. H. Kroeger; cost, \$150,000. W. B. Winchester, architect.

DOUGLAS, Ariz.—F. O. Mackey has had plans prepared and work will be started at once on 5-story Class A hotel and store building to replace former Jaddsen Hotel; six stories and 160 rooms each with private bath; reinforced concrete construction with face brick and terra cotta exterior; cost, \$350,000.

SAN LUIS OBISPO, Cal.—Architect Howard H. Clayton, 2420 21st St., Bakersfield, is preparing plans for the first of a chain of hotels to be erected along the State Highway for S. H. Whisner of Bakersfield, head of the Highway Hotels, Inc. Plans for the project are yet in a preliminary stage

ICE AND COLD STORAGE PLANTS

COOLIDGE, Ariz.—San Carlos Ice & Cold Storage Co., Dr. W. Jackson, president, has commenced erection of ice manufacturing plant.

MARE ISLAND, Cal.—See "Government Work and Supplies," this issue. Bids wanted by Bureau of Yards and Docks for refrigerators. Mare Island Navy Yard (Hospital).

Segregated Bids To Be Taken April 27th.
COLD STORAGE PLANT Cost, \$250,000.
WATSONVILLE, Santa Cruz Co., Cal. Beach Road (150,000 sq. ft.) One-story reinforced concrete cold storage plant, 300x500 feet. Owner—Apple Growers Cold Storage Co. Engineers—Uttley & Kleindinst, 354 Hobart St., Oakland.

POWER PLANTS

SAN FRANCISCO—Board of Supervisors has closed certain streets near Hunter's Point and has exchanged lands with the Great Western Power Co. which assures construction of first unit of power plant for the latter concern at a cost of \$4,500,000. The ultimate cost of the project is placed at \$20,000,000. Plans for the plant are being prepared by N. Y. engineers.

LOS ANGELES, Cal.—Until 3 P. M., May 4, bids will be rec. by water and power comm. to fur. 386,000 lbs. triple braided weatherproof insulated wire, specifications P-535, of which 160,000 lbs. are to be on reels. James P. Vroman, secretary.

PUBLIC BUILDINGS

ALHAMBRA, Los Angeles Co., Cal.—Election will be held June 5 to vote on \$100,000 bond issue to construct two fire stations and for purchase of additional equipment.

Electrical & Plumbing Contracts Awarded
MACHINERY BLDG. Contract price, \$89,112

SACRAMENTO, Sacramento Co., Cal., Fair Grounds. Reinforced concrete machinery building. Owner—State of California. Architect—Henry H. Gutterson, 526 Powell St., San Francisco. Contractor—Herndon & Finnigan, 1814 17th St., Sacramento. Electric Work—Latourrette Fical Co., 907 Front St., Sacramento, \$14,503. Plumbing—Luppen & Hawley, 3126 J St., Sacramento, \$4535.

Date Of Opening Bids Postponed Until May 15th.
MEMORIAL BLDG. Cost, \$63,000
CRESCENT CITY, Del Norte Co., Cal. Two-story reinforced concrete veterans' memorial building. Owner—Crescent City. Architect—Jens C. Petersen, California State Life Bldg., Sacramento. Previously reported to be opened April 23rd.

Plans Completed.
ADDITION Cost, \$20,000
LODI, San Joaquin Co., Cal. Brick and concrete addition to present library building. Owner—City of Lodi. Architect—Davis-Pearce Co., 47 N-Grant St., Stockton. A meeting is to be held April 27 at which time a date will be set for opening bids.

SANTA BARBARA, Santa Barbara Co., Cal.—Architect Wm. Mooser, Nevada Bank Bldg., San Francisco, instructed by county supervisors to complete plans and specifications for completing new court house. The work will include decorating, equipment and furniture. The supervisors plan to call for bids and be prepared to award the contracts by July 1 when tax funds will become available.

VALLEJO, Solano Co., Cal.—Masonic Temple Association submitted only bid to city council at \$13,360 for purchase of old city hall building. Bid taken under advisement until April 23.

SAN FRANCISCO—Sheriff Wm. Fitzgerald seeks \$23,000 appropriation from supervisors to finance alterations in County Jail No. 1 in Dunbar alley and Merchant St.

CORTE MADERA, Marin Co., Cal.—Town trustees contemplate second election to vote bonds of \$25,000 to finance purchase of site and erection of new town hall.

LOS ANGELES, Cal.—Charles O. Brittain, superintendent Los Angeles city construction department, City Hall, preparing plans for Hollywood branch police station to be erected at DeLongpre and Wilcox Aves.; two-story and basement structure, 104x60 feet, and will contain a garage, offices, cells, jail kitchen, assembly room and lockers. The basement story will be Class A construction and the upper portion Class C; reinforced concrete and brick walls, brick facing, art stone trim, tile and composition roofing; estimated cost, \$140,000. Work will be started in about 60 days under the supervision of the construction department.

SAN FRANCISCO—Board of Public Works requests supervisors to provide \$400,000 to erect fire and police station with meeting rooms for fire commissioners at McAllister and Polk streets. Another request for \$250,000 to erect fire department buildings in various sections of the city is also made.

Plans Being Figured
LIBRARY ADD. Cost, \$23,000
LODI, San Joaquin Co., Cal. One-story brick addition to library, 50x64 feet. Owner—City of Lodi, (J. F. Blakely, city clerk). Architect—Davis-Pearce, Inc., Grant and Weber Sts., Stockton, Cal. Bids are being received by city clerk. Plans obtainable from architects and on file in office of clerk.

RESIDENCES

Sub-Bids Being Taken
SORORITY HOUSE Cost, \$35,000
BERKELEY, 1749 LeRoy Ave. Three-story frame and shingle 20-room sorority house. Owner—Phi Omega Pl, 2427 Channing Way, Berkeley. Architect—B. Reede Hardman, Berkeley Bank Bldg., Berkeley. Contractor—E. S. Henderson, 2108 Shattuck Ave., Berkeley.

Low Bidder
RESIDENCE Cont. price \$14,887
OAKLAND, Alameda Co., Cal. St. James Wood. Two-story frame and stucco residence (9 rooms and 2 baths). Owner—J. W. O'Neill, Central Bank Bldg., Oakland. Architect—W. E. Schirmer, 700 21st St., Oakland. Low Bidder—Jensen & Pedersen, 3443 Adeline St., Berkeley.

Plans Being Figured
RESIDENCE Cost, \$15,000
PIEDMONT, Alameda Co., Cal. Two-story frame and stucco residence (8 rooms, 2 baths). Owner—C. E. Guittard. Architect—W. E. Schirmer, 700 21st St., Oakland. George Windsor, 928 Kingston St., Oakland, is the only contractor figuring the job.

Plans Being Prepared
RESIDENCE Cost, \$12,000
WOODSIDE, San Mateo Co., Cal. Two-story frame and stucco residence (8 rooms, 2 baths). Owner—Name withheld. Architect—A. H. Knoll, 222 Kearny St., San Francisco. Sub-bids will be taken by the foreman on the job in about two weeks.

Sub-Bids In—To Be Awarded Within One Week
ALTERATIONS Cost, \$30,000
HILLSBOROUGH, San Mateo Co., Cal. Alterations and additions to present residence. Owner—Robert Miller, 1523 Vancouver Ave., San Mateo. Architect—Arthur Brown Jr., 251 Kearny St., San Francisco. Contractor—Charles Stockholm & Sons, Russ Bldg., San Francisco.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henilock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Plans Being Prepared
RESIDENCE Cost, \$85,000
M. E. DEARLE, Contra Costa Co., Cal.
Two-story frame and stucco residence
(English type).
Owner—Mr. Deane, 51 Bellevue Ave.,
Oakland.
Architect—Frederick H. Reimers, 1621
Franklin St., Oakland.

Completing Plans
RESIDENCE Cost, \$15,000
SAN JOSÉ, Santa Clara Co., Cal.; Alum
Rock Ave and McKee Road.
Two-story frame and stucco residence (9
rooms, 2 baths).
Owner—A. McWilliams.
Architect—Wolfe & Higgins, Realty Bldg.,
San Jose.
Segregated bids will be taken in a few
days.

Plans Being Prepared
RESIDENCE Cost, \$15,000
ALAMENDA, Alameda Co., Cal.
Two-story frame and stucco residence,
(Spanish type).
Owner—Donald Perkins.
Architect—Kent & Hass, 525 Market St.,
San Francisco.
General bids will be taken May 10.

Specifications Being Written
RESIDENCE Cost, \$25,000
WOODSIDE, San Mateo Co., Cal.
Two-story frame and stucco residence (9
rooms).
Owner—Mr. Smith.
Architect—Willis Polk Co., 277 Pine St.,
San Francisco.
Upon completion of specifications, bids
will be taken from a selected list of con-
tractors.

Contract Awarded—Plans Being Comple-
ted
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story Class A, reinforced concrete
and steel residence.
Owner—Robert R. Henderson, Pres. Pac.
Portland Cement Co., 111 Sutter St.,
San Francisco.
Architect—Gordon B. Kaufman, Union
Bank Bldg., Los Angeles, Cal.
Contractor—Dowsett & Ruhl, Russ Bldg.,
San Francisco.

SAN MARINO, Cal.—John Mayer, 722
Union Bank Bldg., Los Angeles, awarded
contract at \$90,000 to erect 2-story frame
and stucco dwelling for H. L. Thompson;
Gordon B. Kaufmann, architect, 610
Union Bank Bldg., Los Angeles.

Construction To Start April 30th.
RESIDENCE Cost, \$40,000
SAN FRANCISCO, SE Washington and
Spruce Streets.
Two-story frame and brick veneer resi-
dence (English type); 12 rooms and 5
baths.
Owner—Leland Rosener, 233 Sansome St.,
San Francisco.
Architect—Albert Farr and F. Ward, 68
Post St., San Francisco.

April 25, 1928
Contract Awarded
ADDITION Cost, \$4000
SAN FRANCISCO, Sea Cliff District.
Three-room addition to residence.
Owner—Mrs. M. Anker.
Architect—Chas. E. J. Rogers, Phelan
Bldg., San Francisco.
Contractor—J. P. Fletcher, 150 Franklin
St., San Francisco.

Contract Awarded
RESIDENCE Cont. price, \$9063
SAN FRANCISCO, Cervantes Blvd., blk
5 Marina Blvd.
One-story frame and stucco residence (6
rooms).
Owner—Frank Molinari, 1711 Mason St.
Architect—L. A. Blecher, 2828 Pierce St.
Contractor—Joe Grisente.

SONOMA, Sonoma Co., Cal.—R. C.
Lange, Sonoma, has prepared plans and
has contract to erect English cottage
type residence for Dr. A. K. McGrath in
Maple street. Landscape work is also
included in the contract. The same
owner also plans erection of two bungal-
ows in Fifth street.

Plans Ready For Bids April 25th.
RESIDENCE Cost, \$5000
ATHERTON, San Mateo Co., Cal.
One-story bungalow rustic residence.
Owner—Sic Kuagman
Architect—Wm. Garren, DeYoung Bldg.,
San Francisco.

Contract Awarded.
RESIDENCE Cost, \$20,000
SAN RAFAEL, Marin Co., Cal. Grand
Ave opposite Tamalpais School.
Two-story frame and stucco residence.
Owner—Charles Cable, Mission and De
Henry Sts., San Rafael.
Architect—N. W. Sexton, DeYoung Bldg.,
San Francisco.
Contractor—Leibert & Trobeck, 185 Stev-
enson St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, \$12,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story seven-room frame and stucco
residence.
Owner—J. D. Mindnich, 1360 Columbus
St., Burlingame.

Architect—Clarence Jackson, First Na-
tional Bank Bldg., San Mateo.
Contractor—P. Marconi, Homestead Rd.
Burlingame.

Plans Being Prepared
RESIDENCE Cost, \$20,000
ORINDA, Contra Costa Co., Cal.; Orinda
Country Club.
One and part 2-story frame and stucco
residence (10-rooms and 4 baths).
Owner—Name Withheld.
Architect—Sydney, Noble & Archie New-
som, Federal Realty Bldg., Oakland.

OAKLAND, Cal.—Until May 8, 10:
A. M., bids will be received by John V.
Edgemond, Secty., Board of Education
to furnish and deliver library tables, as



NOTE:—On April 20th, Sandy Pratt spoke before the Lincoln Rotary Club on
Advertising and it was a year to the day since he spoke before the same club.
Last Year immediately after the Lincoln Club luncheon, Sandy attended the
annual birthday party of the Chico Rotary Club at Richardson Springs, which
is always attended by the Sacramento Valley clubs.

Sandy helped the Lincoln Club win the silver cup in the annual singing
contest of the Sacramento Valley Clubs. The judges, however, did not make the
award until Sandy had placed \$5.00 in the charity box. At the Lincoln Club
luncheon of April 20th Sandy was presented with a replica of the above cup
made of terra cotta in the Lincoln Pottery of Gladding, McBean Company. The
inscription painted and burned into the cup was as follows: Replica of Chico
Rotary Club. Cup-Won-By "Sandy" Pratt. Assisted by the LINCOLN RO-
TARY CLUB at Chico, Calif., 1927—Price \$5.00. Two Yards of Sand.

However, before the cup was presented, the following song, written by Dick
Lee and Ferd Liotta, Lincoln Rotarians, was sung to the tune of "Oh, Sussana."

I
Oh, we have a distinguished visitor,
He's here with us today
He is a man of great influence
He comes from 'round the bay.
He comes to Lincoln once a year
His Rotary friends to meet
He likes to hear us fellows sing.
He thinks we're hard to beat.
Oh, dear old Sandy, we like to see you
hear.

We wish that you would visit us
Just more than once a year.

II
Now if you want to get a thrill
Go down to Sand Pratt's Lane
And there you'll see our Sandy
Driving like the insane.
Now Sandy has a car with power
He is a speedy man
His limit's ninety-nine an hour
Fords do the best you can.
Oh, horsepower, song birds and gravel,
too.

They're all alike 'o Sandy
When he goes to Chico.

III
Now Sandy is a good fellow
He likes to advertise
He sells his products far and wide
He boasts them to the skies.
Oh, Sandy sells crushed rock and sand
That's how he got his name
Now if your going to build a home
Have Sandy Pratt explain.
Oh, Mr. Sandy, like the owl.
You are wise
You're just like the Los Angeles bunch
It pays to advertise.

IT PAYS to advertise.

THAT'S WHAT Clarence (Sandy) Pratt
OF THE Pratt Building Material Co.

PRODUCER OF clean, sharp sand.

AND CLEAN rock and gravel.

AT SACRAMENTO, Marysville.

PRATT CO. (MONTEREY County).

PRATT ROCK (NEAR Folsom).

AND MAYHEW (Sacramento County).

CENTRAL OFFICE—San Francisco.

TOLD THE Lincoln Rotary Club.
ALL ABOUT advertising.
THE ABOVE Lincoln affair.
WAS THE most attention.
SANDY EVER had.
AND IF the Lincoln Rotarians.
EVER WANT for sand.
OR NEED a few "rocks."
SANDY WILL supply them.
THE ABOVE cup is unique.
AN ITALIAN moulded it.
A FRENCHMAN decorated the cup.
AN IRISHMAN fired the kiln.
AND FRED Clark, Englishman.
PRESIDENT OF the club.
PRESENTED THE cup.
"I THANK you."



Above photo taken in Women's Club at
Lincoln Rotary luncheon, April 20th. I.
C. U. R. A. Mocking Bird, Lincoln Ro-
tarian, singing the above song about
Sandy Pratt, producer of clean sand,
rock and gravel. Mrs. B. A. Pianoplayer
seated in front of the ivory keys.

chairs, Vienna chairs and school desks. Ct. check 10% req. with bid. Specifications obtainable from Assistant Business Manager, Board of Education, City Hall. See call for bids under official proposal section in this issue.

Contracts Awarded
FRATERNITY HOUSE Cost, \$61,000
 BERKELEY, Alameda Co., Cal. Channing Way and Piedmont Ave.
 One-story frame and brick fraternity house (accommodate 30 students).
 Owner—Sigma Pi, 2347 Piedmont Ave., Berkeley.

Architect—Fred H. Reimers, Tribune Tower, Oakland.
Contractor—Dudley De Velbiss, 354 Hobart St., Oakland.

Structural Steel—Moore Drydock Co., Ft. of Adeline St., Oakland.

Reinforcing Steel—Bart-Palk Co., Call Building.

Electrical Work—J. C. Seltenright, 1226 7th Ave., Oakland.

Plumbing—J. A. Razio, 406 Castro St., Oakland.

Electrical Work—College Ave. Electric Shop, 2917 College Ave., Berkeley.

Work & Lumber—Sunset Lumber Co., Ft. of Oak St., Oakland.

Painting—Scott Co., 113 10th St., Oakland.

As previously reported: Excavating, Mess-Knapp Co., 961 41st St., Oakland; Concrete, J. H. Fitzmaurice, 354 Hobart St., Oakland.

Plans Being Figured By Selected List Of Contractors.

RESIDENCE Cost, \$12,500
 HILLSBOROUGH, San Mateo Co., Cal.
 Brewer Tract.

Two-story seven-room frame and stucco residence.

Owner—Withheld.

Architect—Clarence Jackson, First National Bank Bldg., San Mateo.

Plans Being Figured—Bids Close May 2d

RESIDENCE Cost, \$18,000
 SAN FRANCISCO, N Clay Street, bet. Maple and Spruce Sts.

One-story frame and basement frame and stucco residence (8 rooms).

Owner—H. G. Friend.

Architect—C. A. Meusdorffer, 802 Humboldt Bank Bldg.

Completing Plans

RESIDENCE Cost, \$8,000
 LOS ALTOS, Santa Clara Co., Cal.

One-story frame and stucco residence with tile roof (5 rooms).

Owner—T. T. Morline.

Architect—P. F. DeMartini, 948 Broadway, San Francisco.

Bids will be taken from a selected list of contractors in one week.

Plans Being Figured By Selected List Of Contractors

RESIDENCE Cost, \$10,000
 SAN FRANCISCO, Broderick St., near Francisco.

One-story frame and stucco residence (7 rooms).

Owner—A. Lamerdin, 929 Broadway.

Architect—P. F. De Martini, 948 Broadway, San Francisco.

Completing Plans

RESIDENCE Cost, \$10,000 approx.
 SAN FRANCISCO, W Jordan Ave., S California St.

Two-story and basement frame and stucco residence (8 rooms; all modern conveniences).

Owner—R. J. Heyman, 2240 Green St.

Architect—Henry Shermund, Hearst Bldg.

Bids will be taken in a few days.

To Be Done by Day's Work

RESIDENCES Cost \$5000 each
 SAN FRANCISCO, W Munich St., N Russia.

Three 1-story and basement frame and stucco residences.

Owner—G. M. Battersby, 2706 B Mission Street.

Architect—None.

Building permit applied for.

Plans Being Prepared.

RESIDENCE Cost, \$15,000
 HILLSBOROUGH, San Mateo Co., Cal.

Two-story 8-room frame and stucco residence.

Owner—Stanley Kelley.

Architect—Norberg & Norberg, 580 Market St., San Francisco.

Plans ready for bids in two weeks.

Completing Plans

RESIDENCE Cost, \$15,000
 WOODSIDE HEIGHTS, San Mateo Co.

Two-story frame residence (Colonial type 8 rooms).

Owner—Represented by Alexander Hamilton Co., Burlingame.

Architect—Chas. Strothoff, 2274 15th St., San Francisco.

Bids will be taken for a general contract in one week.

Contract Awarded

RESIDENCE Cont. price, \$31,950
 SAN MATEO, San Mateo Co., Cal. Woodside Heights.

Two-story frame and stucco residence.

Owner—Elliott G. Potter, 2541 Vallejo St., San Francisco.

Architect—Ernest Coxhead, Hearst Bldg., San Francisco.

Contractor—Henry B. Post, 1336 Webster St., Palo Alto.

Plans Completed.

RESIDENCE Cost, \$15,000
 SAN FRANCISCO, St. Francis Wood.

Two-story frame and stucco residence (all modern conveniences).

Owner—Fred L. Humphrey, 532 Faxon Ave., San Francisco.

Architect—Kent & Hass, 525 Market St., San Francisco.

As soon as the specifications are completed bids will be called.

SCHOOLS

Plans Being Figured

GYMNASIUM Cost, \$90,000
 OAKLAND, Cal., McClymonds school.

Brick gymnasium building, 7 classrooms, seating capacity 210.

Owner—City of Oakland Board of Education.

Architect—Building and Grounds Dept., Board of Education.

Electrical Engineer—Robert King, 2601 Kingsland St., Oakland.

The date for opening the bids has not been set.

Plans Being Figured—Bids Close May 8, 10 A. M.

SCHOOL Cost, \$50,000 first unit
 Total cost, \$350,000

SAN FRANCISCO, Franklin Street and Broadway.

Three-story and basement reinforced concrete school building (6 classrooms; first unit of Parochial School).

Owner—St. Bridges School (Rev. J. P. Cantwell, Director).

Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.

Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Bids are being taken for a general contract.

HAYWARD, Alameda Co., Cal.—Clyde S. Schwartz, Box 222 Rt. No. 1, Hayward, at \$24,800 awarded contract by Castro Valley School District to erect one-story frame addition and remodel present school. Plans by C. F. Schwartz, Redwood-Castro Valley Road, Hayward. Sub-bids are being taken on all parts of the work.

Plans Being Figured—Bids Close May 14, 7:30 P. M.

ADDITION Cost, \$—
 DUNSMUIR, Siskiyou Co., Cal.

One-story frame and stucco addition to present school (5 classrooms).

Owner—Dunsmuir Union High School District.

Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—The following sub-contracts were awarded by Monson Bros., 251 Kearny St., San Francisco, in connection with the construction of a science building for Fresno State Teachers' College. Will be reinforced concrete construction. Allison & Allison, Hibernian Bldg., Los Angeles, are the architects.

Structural Steel—Pacific Structural Iron Works, 370 10th St., San Francisco.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Ornamental Iron—Folsom Street Iron Works, 17th and Missouri Sts., S. F.

Mill Work—Hollenbeck-Evans Planing Mill, Van Ness & Lorena Sts., Fresno

Tile and Marble—Fresno Marble & Tile Co., 1511 O St., Fresno

Excavating—Thompson Bros., 2150 G St., Fresno.

Lumber—Valley Lumber Co., H and Mono Sts., Fresno.

Sheet Metal—Fire Protection Products Co., 3117 20th St., San Francisco.

Glass—Tye Bros., 666 Townsend St., San Francisco.

As previously reported, General work awarded to Monson Bros., 251 Kearny St., San Francisco, at \$154,266; plumbing and heating to Barrett-Hicks Co., 1031 Broadway, Fresno, at \$26,971; electrical work to Walter H. Smith, Long Beach, at \$16,130.

Preliminary Plans Approved.

HIGH SCHOOL Cost, \$400,000
 SAN FRANCISCO, Stanyan Street near Turk St.

Three-story Class C high school and gymnasium building.

Owner—St. Ignatius College, Fulton St. and Parker Ave., San Francisco.

Architect—Edward Eames, 353 Sacramento St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Plans Being Completed

SCHOOL Cost, \$50,000
 WALNUT CREEK, Contra Costa Co.

One-story frame and stucco school building (10 classrooms and auditorium).

Owner—Walnut Creek Grammar School District.

Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

Bids will be taken in 1 week.

Plans Being Figured—Bids Close May 14th, 7:30 P. M.

ADDITION Cost, \$—
 DUNSMUIR, Siskiyou Co., Cal.

One-story frame and stucco addition to present school (5 classrooms).

Owner—Dunsmuir Union High School District.

Architect—Starks & Flanders, Ochsner Bldg., Sacramento.

Plans Being Figured—Bids Close May 5, 10 A. M.

ADDITIONS Cost, \$45,000
 SAN LORENZO, Alameda Co., Cal.; Ashland and Sunset School.

Additions to two present school bldgs.

Owner—San Lorenzo School District.

Architect—W. H. Weeks, Hunter-Franklin Bldg., San Francisco; 1756 Franklin St., Oakland and 246 So. 1st St., San Jose.

Commissioned To Prepare Plans.

SCHOOL Cost, \$125,000
 WILLITTS, Mendocino Co., Cal. Redwood Highway (40 Acre Tract).

High school building (height and type of construction not decided).

Owner—Willitts School District.

Architect—Norman Coulter, 46 Kearny St., San Francisco.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
 HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

GARDEN CITY, Cal.—Until May 5, 8 P. M., bids will be received by C. W. Pines, clerk, Garden City Union High School District, for sale of old school building, no longer required by district, including high school, gymnasium and stage house building, shed and out-buildings. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Cal.—Until May 9, 7 P. M. bids will be received by A. O. S. Williams, Sec'y., Board of Education, to fix and del. school supplies. Further information obtainable from secretary.

OAKLAND, Cal.—As previously reported, bids will be received by John W. Edmonds, Sec'y., Board of Education, May 15, 10 A. M., to erect East Oakland High School and gymnasium. Will be two-story brick construction; estimated cost \$500,000. Miller & Warnecke, architects, 1401 Franklin St., Oakland. Segregated bids are wanted for (1) general work, (2) finish hardware; (3) blackboards, (4) awning type window fixtures (5) Miscellaneous flooring. Cert. check 10% payable to Board of Education req. with bid. Plans obtainable from Supt. of Bldgs., 237 17th St., Oakland, on deposit of \$100, returnable. See call for bids under official proposal section in this issue.

YUMA, Ariz.—Architects T. C. Kistner & Co., 811 Architects Bldg., Los Angeles, commissioned to prepare plans for addition to present high school and for a gymnasium building at high school site, for Yuma high school district; addition to high school will cost \$150,000, and will probably be two stories; gymnasium will cost \$50,000, and will contain large playing floor, spectator's gallery, showers and lockers, etc. Bonds of \$200,000 voted to finance.

EAGLE ROCK, Los Angeles Co., Cal.—Architects Myron Hunt & H. C. Chambers, 1107 Hibernian Bldg., preparing plans for students' union building for Occidental College. Part one and two story class D frame and stucco construction except the boiler room, which will be class A reinforced concrete construction; cost, \$125,000.

DAILY CITY, San Mateo Co., Cal.—Election will be held May 11 in Jefferson Union High School District to finance additional school facilities. Trustees of the district are: Adolph Gehringer, Lewis W. Stark, Lillian W. Brown, Truman Bentley, Stella L. Jensen.

LOS GATOS, Santa Clara Co., Cal.—Until May 9, 8 P. M., bids will be received by E. M. Miller, clerk, Los Gatos Union High School District, for sprinkler system. Cert. check 5% payable to clerk of dist. req. with bid. Plans obtainable from clerk.

SACRAMENTO, Cal.—Thos. Scollan, Chairman of Building Committee of Immaculate Conception Church, has purchased approx. 3/4 of a block of property at 32d and Y Sts. on which will be erected a parochial school. The proposed structure will cost \$100,000. No architect has been selected as yet.

SAN FRANCISCO.—D. N. & E. Walter Co., 562 Mission St., at \$920.15 awarded contract by Board of Public Works to fix and install window and door shades in Portola Jr. High School.

Preliminary Plans Approved By State Board of Education
SCHOOL. Cost, \$9000
NEAR ROSEVILLE on County Line of Placer and Sacramento Counties.
One-story frame and brick veneer school building.
Owner, Center Joint School District.
Architects—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
Working drawings have been ordered and bids will be taken in about 2 weeks.

LOS ANGELES, Cal.—Dr. Remsen D. Bird, president of Occidental College, announces gifts and pledges for new buildings for Occidental College, including \$500,000 each for library and chapel buildings to be erected at the men's campus at Brentwood and \$250,000 for women's dormitories at the present campus at Eagle Rock. Myron Hunt and H. C. Chambers, Hibernian Bldg., Los Angeles, are the architects for the college.

BERKELEY, Alameda Co., Cal.—The following bids were received by Berkeley Board of Education for the construction of a two-story wing addition to the Garfield School. Improvements are being made for the Berkeley Board of Education, from plans prepared by Architect James W. Flueck, Mercantile Bank Bldg., Berkeley. Est. cost, \$65,000.

Will contain cafeteria seating approximately 1000 pupils and 2 classrooms; will be two-story with foundations capable carrying one additional story.

Walter Sorenson, 2940 Piedmont Ave., Berkeley.....	\$54,672
B. F. McIntyre, Oakland.....	54,960
Connor and Connor, Oakland.....	55,614
Vogt and Davidson, San Francisco.....	55,860
P. R. Siegrist, San Francisco.....	55,977
John E. Branch, Oakland.....	56,700
Lawton & Vezev, Oakland.....	56,748
Frank G. Applebee, Oakland.....	56,937
A. Frederick Anderson, Oakland.....	57,716
Charles H. McCullough, Oakland.....	59,308
Heath & Wendt, Berkeley.....	59,225
Peter Sorenson, Oakland.....	59,777
David Nordstrom, Oakland.....	59,852
Sullivan and Sullivan, Oakland.....	63,500
John Bjorkman, Oakland.....	63,733

Bids taken under advisement.
271. 1st report Oct. 20, 1927; 6th rep. April 7, 1928. 15

DOS PALOS, Merced Co., Cal.—M. L. Scranton, Hughson, at (a) \$33,950 for concrete construction and (b) \$34,950 including balcony, submitted low bid to Dos Palos Joint High School District to erect auditorium from plans of W. J. Wright, architect, Mail Bldg., Stockton. Following is complete list of bids received, all taken under advisement until April 21:

M. L. Scranton, Hughson, California.....	(a) \$33,950; (b) \$34,950
Geo. Ulrich, Modesto.....	
to.....	(a) 35,721; (b) 27,221
Minton Co., Mountain View.....	(a) 36,711; (b) 37,672
Joseph Chirhart, Stockton.....	(a) 38,382; (b) 39,640
E. K. Nelson, San Francisco.....	(a) 38,975; (b) 39,775
L. Uhels, Ripon, California.....	(a) 40,100; (b) 41,450
E. K. Angle, Dos Palos, California.....	(a) 41,100; (b) 42,000
Jas. McLaughlin, San Francisco.....	(a) 43,980; (b) 44,978

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by Board of Education to install heating systems in four Modesto school buildings. Davis-Pearce, architects and engineers, Grant and Weber Sts., Stockton. Est. cost \$10,000. Further mention will be made of this work when date is set for opening bids.

CHICO, Butte Co., Cal.—State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, has completed plans and specifications for repairs and improvements to Bidwell Mansion, now used as dormitory for State Teachers' College. Estimated cost \$5000.

Plans Being Figured—Bids Close April 2.
DORMITORY. Cost, \$18,000.
MENLO PARK, San Mateo Co., Cal.
Two-story frame dormitory and classroom bldg., (3 classrooms and class room bldg.).
Owner—Menlo Park School For Boys.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

WASCO, Kern Co., Cal.—Until May 5, 2 P. M., bids will be received by W. M. Wiley, clerk, Wasco Union High School District, to erect concrete and masonry auditorium. Kump & Johnson, architects, Rowell-Chandler Bldg., Fresno. Cert. check 10% req. with bid. Plans or file in office of clerk and obtainable from architects.

SAN FRANCISCO.—Until May 16, 3 P. M. bids will be received by Board of Public Works for alterations and additions to Jefferson school in east side of Nineteenth Ave. bet. Irving and Judah Sts. Segregated bids are wanted for general construction; estimated cost, \$83,000. mechanical equipment, \$7500; plumbing and gas fitting, \$4200; electric work, \$5,400; painting, \$3000. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

Plans Being Figured—Bids Close May 8th, 4 P. M.
SCHOOL. Cost, \$18,000.
ELVERTA, Sacramento Co., Cal.
One-story frame, stucco and brick veneer school building.
Owner—Lincoln School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.
Standard plumbing fixtures will be specified, and all modern conveniences. \$10,000 is now available and a bond election will be called shortly for an additional \$8000. See call for bids under official proposal section in this issue.

BANKS, STORES & OFFICES

Plans Completed.
REMODEL. Cost, \$—
SAN FRANCISCO. Howard Street.
Remodel exterior of building.
Owner—Pacific Mill & Mine Supply Co., 616 Mission St., San Francisco.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.
Bids will be called for shortly.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 709 Textile Center Bldg., preparing plans for a 11-story and basement class A lofts at 12th St. and Maple Ave., for Lloyd & Casler, Inc., Textile Center Bldg.; stores on first floor with loft space on the upper floors; 143x130 reinforced concrete construction. The owners will construct the building by day work and subcontract under personal supervision of F. C. Casler.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures
Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

b-Bids In—Contracts To Be Awarded Soon.
STORE BLDG. Cost, \$90,000
CHMOND, Contra Costa Co., Cal., San Francisco.
 One-story reinforced concrete store building.
 Owner—Santa Fe Railroad.
 Architect—Engineering Dept. of owner in Los Angeles.
 Contractor—Monson Bros., 251 Kearny St.

b-Bids Being Taken.
ADDITION. Cost, \$19,378
SAN FRANCISCO. No. 1041 Market St.
 One-story addition to present Class C store building.
 Owner—William Ede Co., Kohl Bldg., San Francisco.
 Architect—William Knowles, 1214 Webster St., Oakland.
 Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco.
 A contract has been awarded to E. K. Pearson, 2031 Bryant St., for supporting and raising of building.

Contract Awarded.
STORE BLDG. Cost, \$15,000
CHMOND, Contra Costa Co., Cal., S Macdonald Ave., between 10th and 11th Streets.
 One-story brick store building (50 by 100 feet).
 Owner—Hugo Arnstein and H. A. Mitchell, Oakland.
 Plans prepared by Mr. Cone.
 Contractor—Wilbur Cone, Federal Realty Bldg., Oakland.
 Lessee—Piggly Wiggly Co.
 Sub-bids are in and will be awarded soon.

Mechanical Bids Wanted.
STORE BLDG. Cost, \$3,000,000
OAKLAND, Alameda Co., Cal. Twentieth St. and Broadway (80,000 sq. ft.)
 Four-story, basement and sub-basement Class A department store building (foundation for 10 stories to be added at a later date).
 Owner—H. C. Capwell Co., Oakland.
 Architect—Ashley & Evers, 535 Market St., San Francisco, and Starrett & Van Vleck, New York City, N. Y.
 Fixture Architecture—Taussig & Flesch, Chicago.
 Contractor—P. J. Walker, Sharon Bldg., San Francisco.
Concrete Footings and Foundations—
 Clinton Constr. Co., 7th and Bay Sts., Oakland.
 As previously reported, structural steel awarded to Judson Pacific Co., 604 Mission St., San Francisco, for approximately 4300 tons; excavating to J. Catucci, 1212 18th Ave., Oakland, at \$30,299.90.

Preparing Working Drawings.
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. SW Franklin and Fourteenth Sts.
 Fifteen-story concrete store and office building.
 Owner—Franklin Land Co. (H. S. Robinson, President).
 Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
 Contractor—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
 Directors of the Franklin Land Co. are: Stuart S. Hawley, Joseph R. Knowland and Harrison S. Robinson.
 Adjoining on the west of the site of this new structure the Franklin Land Company already is building a new home for William Cavalier & Co.

Plans Being Prepared
MARKET BLDG. Cost, \$60,000
BURLINGAME, San Mateo Co., Cal.
 One-story basement and mezzanine floor—concrete market bldg. (55x190-ft.)
 Owner—Alameda Market Corp.
 Architect—Jos. L. Stewart, 703 Market St., San Francisco.

Plans Being Prepared
MARKET BLDG. Cost, \$20,000
MODESTO, Stanislaus Co., Cal.: 10th & I Sts.
 One-story frame and concrete store and market bldg.
 Owner—Mr. Mellis.
 Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.

Permit Applied For
ALTER & ADDITIONS. Cost, \$15,000
SAN FRANCISCO. 879 Market St.
 Alterations and additions to present store building.
 Owner—Albert S. Samuels Co., 885 Market St.
 Designer and Contractor—Mullen Mfg. Co., 64 Rausch St.

Sub-Contracts Awarded
STORE BLDG. Cost, \$24,000
SAN FRANCISCO, Howard St. near 4th Street.
 Two-story reinforced concrete store building, 50x80 feet.
 Owner—Bingley Photo Engraving Co., Call Bldg., San Francisco.
 Architect—W. H. Crim, 425 Kearny St., San Francisco.
 Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Column Clasp, Metal Pans—Soule Steel Co., Rialto Bldg.
Cement—Henry Cowell Lime & Cement Co., 2 Market St.
Plumbing—W. F. Wilson Co., 242 4th St.
Pipe Casings—M. Greenberg & Sons, 765 Folsom St.
Glass—W. P. Fuller Co., 301 Mission St.
Steel Sash—Michel & Pfeffer Iron Works, Harrison & 10th Sts.
 As previously reported: Reinforcing Steel, Soule Steel Co., Rialto Bldg., San Francisco; excavating awarded to B. Rosenberg, 58 Merlin St., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—C. A. Thomas, 127 Clayton St., San Jose, awarded the Williams Form Clamp Contract to W. J. Burke, 200 Davis Street, San Francisco, in connection with the construction of the two-story concrete building now under construction on W. Santa Clara St. for Normander-Campen Co. Plans were prepared by Architect W. H. Weeks, Hunter Dulin Bldg., S. F., 1726 Franklin St., Oakland, and Bank of Italy Bldg., San Jose. Other awards were reported on April 12.

BERKELEY, Alameda Co., Cal.—W. J. Burke, 200 Davis St., San Francisco, was awarded the Roos Column Clamp contract in connection with the construction of the building, under construction on Dwight Way and Ellsworth Street for S. F. Larsen.

Sub-Bids In—To Be Awarded Soon.
STORE BLDG. Cost, \$55,000
STOCKTON, San Joaquin Co., Cal. NE Grant and Weber Streets.
 Two-story and basement Class C steel frame and brick retail store building, terra cotta and pressed brick exterior.
 Owner and Builder—Davis-Pearce Co., 47 N-Grant St., Stockton.
 Architect—Davis-Pearce Co., 47 N-Grant St., Stockton.
 Lessee—Montgomery Ward Co

RENO, Nevada— Store building and storage quarters will be erected in Sierra St., bet. 1st and 2nd Sts., for lease to Montgomery Ward Co. of Oakland, Calif.

PHOENIX, Ariz.—Architects Lescher & Mahoney preparing plans for a six-story side addition and a two-story top addition to the department store at First and Washington Sts. for Korrick Bros; reinforced concrete construction: \$300,000.

RENO, Nevada—J. C. Dillard, Reno, at approx. \$80,000 awarded contract to erect one-story top addition to present Farmers and Merchants National Bank building at Virginia and First Streets; will contain 29 offices. Steel and concrete construction.

Roos Column Clamp Contract Awarded
FILM EXCHANGE. Cost, \$50,000
SAN FRANCISCO, Leavenworth St. bet. Golden Gate Ave. and Turk St.
 One-story and basement Class B film exchange building (reinforced concrete construction).
 Owner—Y. M. C. A.
 Architect—Fred H. Meyer, 742 Market St., San Francisco.
 Contractor—K. E. Parker, 135 South Park, San Francisco.
 Lessee—Warner Bros.
Roos Column Clamps—W. J. Burke, 20 Davis St.

Working Plans Being Prepared
STORES & APTS. Cost, \$100,000
SACRAMENTO, Sacramento Co., Cal.; adjoining Sacramento Junior College site.
 Stores and apartments (5 stores); Spanish type, tile roof, 80-ft. square.
 Owner—Wright and Kimbrough, 817 J St., Sacramento, Calif.
 Architect—Dean and Dean, California State Life Bldg., Sacramento, Calif.
 This structure comprises the first unit of a complete "Spanish town."

Sub-Contracts Awarded
BANK BLDG. Cost, \$100,000
SAN FRANCISCO, Mission and Norton Streets.
 One-story steel frame and concrete bank building.
 Owner—Hibernia Savings & Loan Society.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Marble and Tile Work—Clervi Marble & Mosaic Co., \$1721 San Bruno Ave., \$1,827.

Sheet Metal Work—Fire Protection Products Co., 3117 20th St., \$695.
Steel Sash—United States Metal Products Co., 330 10th St., \$1893.
 As previously reported: Plastering and Lathing, San Francisco Plastering Co., 872 Folsom St., San Francisco; Composition Roofing, Alta Roofing Co., 225 Gough St., San Francisco; Flagpole, A. P. Boller Co., 954 Bryant St., San Francisco; Leather Mat, A. C. Stelter Co., 226 11th Ave., San Francisco; Seattle Door, P. H. Jackson Co., 415 Bryant St., San Francisco.

Contract Awarded
EXCHANGE BLDG. Cost, \$500,000
SAN FRANCISCO, W Montgomery St., S California St., 65x134 feet.
 Four-story Class A exchange building; exchange room, board room and gallery, executive offices, printing department, recreation rooms, library, social hall, etc.
 Owner—San Francisco Stock Bond Exchange, 341 Montgomery St., San Francisco.
 Architect—Miller & Pfueger, 580 Market St., San Francisco.
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Plans Complete
BANK BLDG. Cost, \$20,000
SAN FRANCISCO, Sacramento and Fillmore Sts.
 One-story frame and stucco bank bldg.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts.
 Bids will be called for shortly.

Construction To Start Shortly
ADDITION. Cost, \$500,000
SAN FRANCISCO, Geary St. and Grant Avenue.
 Eight-story Class A addition to present building (steel frame and reinforced concrete construction).
 Owner—I. Magnin & Co., premises.
 Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
 Contractor—MacDonald & Kahn, Financial Center Bldg.
 Sub-bids to be taken in about 3 weeks.

THEATRES

Plans Being Prepared—Contract Awarded
THEATRE BLDG. Cost, \$75,000
PLACERVILLE, El Dorado Co., Cal. Main Street.
 One-story reinforced concrete and brick theatre building (seating capacity 750; Spanish type).
 Owner—Mary and Matilda O'Donnell, Placerville.
 Architect—Starks & Flanders, Ochsner Bldg., Sacramento.
 Lessee—Blumenfield Theatre Circuit.
 Contractor—W. C. Keating, Forum Bldg., Sacramento.

Ornamental Iron and Rooshors Contracts Awarded
THEATRE. Cont. Price, \$185,000
OAKLAND, Alameda Co., Cal. S Seventeenth St. bet. San Pablo and Telegraph Aves., 100x105 feet.
 Class A theatre building to be known as Duffwin Theatre (seating 1250).
 Owner—Income Properties of Calif., Inc., 436 14th St., Oakland (Fred Proctor).
 Lessee—Henry Duffy, % Alcazar Theatre, O'Farrell St., near Powell, S. F.
 Architect—Weeks & Day, Financial Center Bldg., San Francisco.
 Contractor—Charles Heyer, Mills Bldg., San Francisco.

Ornamental Iron—Michel & Pfeffer Iron Works, Harrison and 10th Sts., San Francisco.
Rooshors—W. J. Burke, 200 Davis St., San Francisco.
 As previously reported, structural steel awarded to Pacific Coast Eng. Co., Foot of 14th St., Oakland; excavating to Ariss Knapp Co., 961 41st St., Oakland.

SAN FRANCISCO.—**W. J. McKeown**, 1000 Market St., San Francisco, has been awarded the contract for the building of a new structure to replace the old structure at 1000 Market St. The contract was awarded to **W. J. McKeown**, 1000 Market St., San Francisco. Plans were prepared by **Architects Clausen and Amundson**, 1000 Market St., San Francisco. The structure was designed to seat 1000 people and was to be provided for seven stories. The reason for the withdrawal of the application is not known.

CORONA, Riverside Co., Cal.—**Architect Carl B. Bell**, 10 Douglas Bldg., Los Angeles, takes sub-bids shortly for 2-story, 60x250 ft. theater at 6th and Ramona Sts. for **Corona Security Corp.**, 6 stories, 4 shops and 11 offices, auditorium will seat 2000 people, Spanish type, 150x150 feet, brick walls, \$125,000.

WHARVES AND DOCKS

SANTA MONICA, Los Angeles Co., Cal.—**John Paxton Pettine**, 717 Lincoln Bldg., Los Angeles, taking bids to erect large parking pier in ocean adjoining municipal auditorium at Ocean Park for the **City Auto Park Co.**, will cover an area of 100,000 sq. ft. and will be constructed of wood and concrete piling with a reinforced concrete deck; cost, \$125,000.

Contract Awarded.
WHARF Cost, \$—
RICHMOND, Contra Costa Co., Cal.
Wharf (60x250 feet) piling and mill construction.
Owner—**Petroleum Securities Co.**
Architect—**Eng. Dept. of Owner.**
Contractor—**Healy-Thibbitts Constr. Co.**, 61 Pine St., San Francisco.

RICHMOND, Contra Costa Co., Cal.—**California Construction Co.**, 58 Second St., San Francisco, submitted low bid to **Richmond city council** and **Parr Terminal Company** to construct wharf 800 feet in length together with cargo building, 800 by 150 feet on the **Richmond Harbor**, from plans prepared by **H. J. Brummer**, engineer, **Sharon Bldg.**, San Francisco. Construction will be of reinforced concrete throughout. The following is a complete list of bids received, same being taken under advisement until the April 30 meeting of the city council:

City of Richmond

(a) Complete structure with treated piles; (aa) complete structure with untreated piles; (b) sub-structure only, treated; (bb) sub-structure only, untreated; (c) shed only; (d) pile extension; (d-a) pile capping:
California Construction Co., 58 2nd St., San Francisco, (a) \$227,000; (aa) no bid; (b) \$179,632; (bb) no bid; (c) \$17,368; (d) \$3,900; (d-a) \$2,900.
M. B. McGowan, San Francisco, (a) \$295,200; (aa) \$251,000; (b) \$241,325; (bb) \$199,700; (c) \$56,000; (d) \$2,75; (d-a) \$2,25.

Healy-Thibbitts Const. Co., San Francisco, (a) \$343,000; (aa) \$315,000; (b) \$286,000; (bb) \$258,000; (c) \$60,000; (d) \$5; (d-a) \$6.
Barrett and Hilp, San Francisco, (c) \$52,350.

R. W. Littlefield, Oakland, (c) \$54,053.
Wallace Snellgrove, Richmond, (c) \$56,717.

Parr Terminal Section

(Alternates same as above)
California Construction Co., (a) \$227,000; (aa) no bid; (b) \$179,632; (bb) no bid; (c) \$17,368; (d) \$3,900; (d-a) \$2,900.
M. B. McGowan, (a) \$257,000; (aa) \$223,100; (b) \$209,000; (bb) \$168,420; (c) \$55,000; (d) \$2,75; (d-a) \$2,25.
Healy-Thibbitts Const. Co., (a) \$292,000; (aa) \$265,000; (b) \$225,000; (bb) \$208,000; (c) \$60,000; (d) \$5; (d-a) \$6.
R. W. Littlefield, (c) \$52,304.
Barrett and Hilp, (c) \$53,565.
Wallace Snellgrove, (c) \$57,109.

Richmond-Parr Combined

(X) Total project, treated; (XX) total project, untreated; (Y) total sub-structure, treated; (YY) total sub-structure, untreated; (Z) total shed only; (D) pile extension; (D-a) pile capping:
California Const. Co., (X) \$151,000; (XX) no bid; (Y) \$259,261; (YY) no bid; (Z) \$91,736; (D) \$3,900; (D-a) \$2,900.
Duncan-Harrelson Co., San Francisco, (X) \$275,951; (XX) \$190,161; (Y) \$199,231; (YY) \$231,111; (Z) \$112,720; (D) \$9,75; (D-a) \$2,50.

Macdonald and Kahn, San Francisco, (X) \$392,201; (XX) \$165,795; (Y) \$433,805; (YY) \$58,967; (Z) \$105,542; (D) \$3; (D-a) \$3.

Jasper Stacy Co., San Francisco, (X) \$509,120; (XX) \$504,824; (Y) no bid; (YY) no bid; (Z) no bid; (D) \$4; (D-a) \$3,50.

M. B. McGowan, (X) \$552,200; (XX) \$478,280; (Y) \$111,335; (YY) \$268,120; (Z) \$111,000; (D) \$2,75; (D-a) \$2,25.

Clinton Const. Co., San Francisco, (X) \$575,000; (XX) \$504,000; (Y) \$466,000; (YY) \$397,000; (Z) no bid; (D) \$5; (D-a) \$1,50.

Healy-Thibbitts Const. Co., (X) \$625,000; (XX) \$568,000; (Y) \$505,000; (YY) \$417,000; (Z) \$120,000; (D) \$5; (D-a) \$6.

Barrett and Hilp, (Z) \$106,006.
R. W. Littlefield, (Z) \$106,357.

Richmond Combination

California Const. Co., (X) \$227,000; (XX) no bid; (Y) \$179,632; (YY) no bid.
Macdonald and Kahn, (X) \$288,000; (XX) \$218,795; (Y) \$235,000; (YY) \$194,740.
Duncan-Harrelson Co., (X) \$292,051; (XX) \$267,051; (Y) \$238,111; (YY) \$213,121.

Jasper Stacy Co., (X) \$293,376; (XX) \$271,752; (Y) no bid; (YY) no bid.

M. B. McGowan, (X) \$295,200; (XX) \$255,180; (Y) \$241,325; (YY) \$199,700.

Clinton Const. Co., (X) \$304,000; (XX) \$268,000; (Y) \$251,000; (YY) \$216,000.

Healy-Thibbitts Const. Co., (X) \$338,000; (XX) \$308,000; (Y) \$278,000; (YY) \$253,000.

Barrett and Hilp, (YY) \$52,356.

Parr Terminal Combination

California Const. Co., (X) \$227,000; (XX) no bid; (Y) \$179,632; (YY) no bid.
Duncan-Harrelson Co., (X) \$245,903; (XX) \$223,111; (Y) \$191,123; (YY) \$168,323.

Macdonald and Kahn, (X) \$251,251; (XX) \$217,000; (Y) \$198,805; (YY) \$163,327.

Jasper Stacy Co., (X) \$255,744; (XX) \$233,072; (Y) no bid; (YY) no bid.

M. B. McGowan, (X) \$257,000; (XX) \$223,100; (Y) \$203,000; (YY) \$168,420.

Clinton Const. Co., (X) \$271,000; (XX) \$236,000; (Y) \$215,000; (YY) \$181,000.

Healy-Thibbitts Const. Co., (X) \$287,000; (XX) \$260,000; (Y) \$227,000; (YY) \$194,000.

Barrett and Hilp, (Y) \$53,656.

Electrical

Name	Richmond	Parr Term
H. C. Reid Co., 389 Clementina St., S. F.	\$2,374	
Pacific Elec. Mfg. Co.	2,437	\$4,240
Newberry Pearce Elec. Company	2,538	4,197
V. G. Electric Co.	2,550	4,298
T. L. Rosenberg	2,550	4,390
Roberts Mfg. Co.	2,721	4,541
Advance Elec. Co.	2,877	4,674
H. R. Fritz	2,988	4,999
Globe Elec. Co.	3,025	4,695
Watts Elec. Co.	3,090	4,790
Decker Elec. Co. Co.	3,169	4,764
Mattson-Seabrooke Co.	3,177	4,983
White Elec. Co.	3,255	3,243
Pioneer Elec. Co. Co.	3,400	5,380

Plumbing

R. W. Timmons, 703 Nevada Ave., Richmond	\$3,911	\$2,783
Spersch Bros.	4,810	3,339

Roofing

Alta Roofing Co., 225 Gough St., S. F.	\$5,633	\$5,660
Malott & Petersen	5,719	5,719
West'n Roofing Co.	5,807	5,835
A. W. Bender	6,513	6,538
H. C. Brown Roof Co.	6,690	6,719
Master Craft Tile and Roofing Co.	bid \$6,117 for Johns-Manville roofing and \$6,123 for Paraffine roofing and \$5,977 for CertainTeed roofing on Richmond unit.	
On the Parr unit, the same firm bid \$6,157 on Johns-Manville, \$6,163 on Paraffine and \$6,000 for CertainTeed roofing.		

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—**E. J. Treacy**, Call Bldg., at 13152 awarded contract by Board of Public Works to install 60,000 traffic lane markers in various sections of the city.

VISALIA, Tulare Co., Cal.—City will call election shortly to vote bonds of \$90,000 to finance establishment of municipal airport. Of the total sum, \$40,000 will finance purchase of site and \$17,500 for improvements and equipment and \$32,500 for shops, hangars and terminal facilities.

LA JOLLA, San Diego Co., Cal.—**La Jolla Yacht Club** plans expenditure of \$500,000 in improvements, including pier and breakwater, plunge and bath house.

Contract Awarded
ADDITION Cost, \$225,000
SAN FRANCISCO, Golden Gate Park; addition to Kezar Stadium.
Owner—City and County of San Francisco.
Architect—**Masten & Hurd**, Shreve Bldg.
Contractor—**J. A. Bryant**, 185 Stevenson Street.

Will be of steel or reinforced concrete construction with all steel uprights. Present walls will be increased in height from 25 to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

OAKLAND, Alameda Co., Cal.—**W. D. Henderson**, Monadnock Bldg., San Francisco, awarded contract for the foundations for the ventilating fans in connection with the construction of the Estuary subway between Oakland and Alameda. It is being constructed for the County of Alameda.

Construction Started
ALTER & ADDITIONS Cost, \$—
AVON, Contra Costa Co., Cal.
Alterations and additions to present refinery.
Owner—**Associated Oil Co.**, Avon.
Architect—**Engineering Dept. of owner.**
Contractor—**E. B. Badger & Son**, Boston, Massachusetts.

OAKLAND, Cal.—Following is complete list of bids received by East Bay Municipal Utility District to fur and apply aluminum paint to exposed pipe, expansion and steel towers on Mokelumne pipe line, all bids being taken under advisement:

R. M. Stevenson, (Schedule 1), \$3,208.65; (2) \$22,293.40; (3) \$6,501.30. All schedules, \$32,003.35.
Raphael Co., San Francisco, spraying or brush work at option of the district, (1) \$1,680; (2) \$12,379; (3) \$3,168; all schedules, \$17,227.

East Bay Spraying Co., (1) \$1,470; (2) \$8,877.80; (3) \$2,353.40; all schedules, \$12,641.20.

Jos. J. Burdon and Son, (1) \$3,777.30; (2) \$27,852.30; (3) \$7,125; all schedules, \$38,754.60.

J. A. Mohr and Son, (1) \$4,200; (2) \$31,778; (3) \$7,860; all schedules, \$43,848.

E. Anderson, (1) \$1,390; (2) \$8,984; (3) \$3,166; all schedules, \$13,540.

Wailes-Dove Herminston Corp., (limits award to all or none), (1) \$1,334; (2) \$9,835; (3) \$2,516; all schedules, \$13,685.

E. C. Thomas, (1) \$1,950; (2) \$13,299; (3) \$4,668; all schedules, \$19,917.

Aristo Painting Co., (1) \$2,098; (2) \$12,378; (3) \$3,960; all schedules, \$18,436.

H. C. Lovett Spray Painting Co., (spray painting and brush work), (1) \$2,518; (2) \$13,926; (3) \$3,960; all schedules, \$20,404.880.

D. E. Burgess, (spraying), (1) \$1,312; (2) \$9,098; (3) \$2,470; all schedules, \$12,880.

BERKELEY, Alameda Co., Cal.—**Citizens' Committee of Sixteen**, will be appointed by Mayor M. B. Driver to work out means to finance construction of a municipal airport, costing \$400,000; a municipal swimming pool; golf links; creation of a park in Wildcat Canyon; new playground for southeast Berkeley section and general improvement of streets and playgrounds.

STOCKTON, San Joaquin Co., Cal.—**City Engineer W. B. Hogan** completing plans for 8,000,000-c. p. revolving beacon for municipal airport; est. cost \$400. Will be erected on 50 ft. steel tower, costing \$300. A. L. Banks is city clerk.

SAN FRANCISCO—**City Engineer M. M. O'Shaughnessy** seeks \$15,000 appropriation for purchase of street marking signs.

SAN FRANCISCO—**City Engineer M. M. O'Shaughnessy** seeks \$129,000 appropriation from supervisors to finance construction at municipal airport.

EUREKA, Humboldt Co., Cal.—City council has authorized erection of 850 ft. of new 7-ft. fencing at Sequoia Park and removal of present fencing. A. Walter Kildale is city clerk.

Engineering News Section

BRIDGES

MODESTO, Stanislaus Co., Cal.—County Surveyor J. H. Hoskins preparing plans for bridge over San Joaquin river at Mountain View school house. Ar. Dept. approval is necessary. Construction, estimated to cost \$250,000, will be financed via direct tax. The matter of constructing the bridge, however, will be submitted to the voters at the November election to see if such a structure is favored.

SAN FRANCISCO—Senate Commerce committee reports favorably on bill authorizing const. of bridge over San Francisco Bay from Rincon Hill to point near the south mole of San Antonio stuary in Alameda County.

CONTRA COSTA COUNTY, Cal.—Herbert Benjamin, chief bridge engineer for the Southern Pacific Railroad, is preparing plans for \$10,000,000 railroad bridge over Carquinez Straits, San Francisco Bay, to carry the Southern Pacific main line tracks to Portland and Ogden, trains leaving the San Francisco Bay district for the East and Pacific Northwest are now carried across the straits by train ferries.

OROVILLE, Butte Co., Cal.—Until May 2 P. M., bids will be rec. by C. F. Holding, County Clerk, to const. reinf. conc. bridge over Dry Creek on Bradford Rd. Cert. check 10% req. with bid. Plans obtainable from County Rd. Eng. Larry H. Hume.

LYON COUNTY, Nevada.—Until May 3 P. M. bids will be rec. by State Highway Dept., S. C. Durkee, state highway eng., to const. conc. and steel overhead structure over Central Pacific R. R. tracks about 1-mi. east of Fernley, including const. of approaches, involv. 50-100 cu. yd. excav. unclassified in place; 50 cu. yds. struct. excav.; 545 cu. yd. class A conc.; 48 miles prepare subgrade and shoulders; 1,100 cu. yd. crushed rock or crushed gravel in place; 42,800 lb. struct. steel in place; 73,900 lb. reinf. steel in place; 3,520 lin. ft. Stand. timber guard rail in place; 16 monuments. State will furnish rock or gravel for surfacing rdwy. on stock-piles. Plans on file at office of J. S. Bur. Pub. Rds., 461 Market St., San Francisco, and offices of Associated General Contractors, 206 Sansome St., San Francisco, and obtainable from commission offices at Carson City.

MARTINEZ, Contra Costa Co., Cal.—Until May 21 bids will be rec. by county const. conc. culvert near St. Mary's College, Moraga; est. cost \$4900. Plans obtainable from County Surveyor R. R. Arnold.

YOLO COUNTY, Cal.—Until May 3 P. M., bids will be rec. by R. E. Pierce, Division Engineer, State Highway Commission, 414 Highway Bldg., Sacramento, to remove present guard rails and wheel guards and construct and paint new guard rails and wheel guards and lower approx. 400 lin. ft. of westerly end of timber trestle at west approach to causeway approx 0.5 mi. in length. See call for bids under official proposal section in this issue.

CONTRA COSTA COUNTY, Cal.—Dr. Otto Freyermuth, 209 Post St., San Francisco, et al., will file application with the county supervisors seeking franchise to const. bridge over Carquinez Straits. Will be of suspension type from plans prepared by Robert Fowler, consulting engineer of New York; est. cost, \$3,000,000.

SACRAMENTO COUNTY, Cal.—Until May 16, 2 P. M., bids will be rec. by State Highway Comm. to const. five reinf. conc. bridges on conc. bents and abutments—one bridge consisting of one 30 ft. span; one bridge of three 30-ft. spans; one bridge of six 30-ft. spans;

one bridge of three 30-ft. spans; one bridge of two 30-ft. spans. See call for bids under official proposal section in this issue.

SAN LUIS OBISPO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. May 9, to const. reinf. conc. girder bridge over San Luis Obispo Creek, 3½-mi. south of San Luis Obispo, consisting of seven 38-ft. spans on conc. pile bents, also retaining walls, slope paving and grade and surface approaches with waterbound macadam. Project involves: 2,800 cu. yds. channel excav.; 200 cu. yds. struct. excav. without classification; 2,260 lin. ft. reinf. conc. piles; 590 cu. yds. Class A cem. conc. (bridge and walls); 40 cu. yds. Class A cem. conc. (slope paving); 27 cu. yds. Class E cem. conc.; 119,000 lbs. reinf. broken stone (waterbound macadam, steel; 150 cu. yds. struct. backfill; 95 tons Type B).

DREDGING, HARBOR WORKS AND EXCAVATIONS

LODI, San Joaquin Co., Cal.—Lafayette Farm Center will form district to finance const. of levees to protect from 7000 to 8000 acres of land subject to overflow from Mokelumne river.

SAN FRANCISCO—Constructing Quartermaster, Fort Mason, announces \$7000 available to finance const. of timber bulkhead with creosoted piles on north side of Crissy Field at Presidio.

IRRIGATION PROJECTS

WESTLEY, Stanislaus Co., Cal.—Until May 12, 2 P. M. bids will be rec. by Elbridge Smith, secy., West Stanislaus Irrigation District, to const. approx. 2-mi. or main canal and appurtenant structures under Contract No. 2, involv. 465,000 cu. yds. earth excavation; 330,000 sta. yds. haul; 270 cu. yds. reinf. conc. in intake structures and secondary pump houses; 788 lin. ft. metal pipe carrying from 18-in. to 36-in. dia.; three pile bridges; replace necessary gates, trash racks and appurtenances. Cert. check 5% payable to dist. req. with bid. Plans obtainable from W. F. Woolley, engineer, at Patterson, on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

BERKELEY, Alameda Co., Cal.—City declares inten. (621) to install 103 Union

Metal electroliters together with underground system in Ashby Ave. bet. Grove St. and San Pablo Ave. 1911 Act, Bond Act 1915. Protests May 8. Emma M. Mann, city clerk.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4117) to install 36 c. i. duplex (San Jose design) electroliters together with underground system in 1st St. bet. San Fernando and San Salvador Sts. 1911 Act, Bond Act 1915. Protests May 7. J. J. Lynch, city clerk. Wm. Popp, city eng.

SALINAS, Monterey Co., Cal.—Until May 7, 7:30 P. M. bids will be rec. by M. R. Keef, city clerk, (70) to install ornamental conc. posts for street lighting system in Monterey St. bet. John St. and Southern Pacific R. R., includ. underground system. (Marbelite Corp. provisions). 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Howard Cozzens, city eng.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4114) to imp. San Antonio St. bet. 4th and 2nd Sts., involv. installation of 12 c. i. duplex (San Jose design) electroliters together with underground system. 1911 Act, Bond Act 1915. Protests May 7. John J. Lynch city clerk. Wm. Popp, city eng.

MADERA, Madera Co., Cal.—City trustees petitioned to install electroliters in D St., bet. 6th and 5th Sts., also in Yosemite Ave., bet. A and H Sts

ORLAND, Glenn Co., Cal.—H. C. Reid Co., 339 Clementina St., San Francisco, at \$8685 awarded cont. by city to install 52 single lamp Marbelite electroliters together with underground system in Walker St., bet. 6th St. and alley bet. 3rd and 4th Sts., and in 4th and 5th Sts., bet. Walker and Colusa Sts. Other bids: A. B. Campbell, Orland, \$9275; Walker-Martin-Montgomery, Modesto \$9320.50.

MADERA, Madera Co., Cal.—T. H. Hazelhurst, at \$290.36 awarded cont. by city to connect Fifth St. electroliter system with stop lights and F St. bridge lights.

MACHINERY AND EQUIPMENT

BAKERSFIELD, Kern Co., Cal.—Until May 7, 7:30 P. M. bids will be rec. by D. E. Urner, clerk, Kern County Union High School District, to fur. and del. one bus chassis and one bus body for transportation of students. Spec. on file in office of Principal at high school.

LODI, San Joaquin Co., Cal.—Austin-Western Road Machinery Co., 435 Brannan St., San Francisco, at \$3375, only bidder, awarded cont. by city to furnish combined street grader, roller and scarifier.

MADERA, Madera Co., Cal.—Representative of Austin Western Road Machinery Co., conferring with council regarding purchase of motor street sweeper.

HANFORD, Kings Co., Cal.—Until May 1, 8 P. M., bids will be rec. by G. W. Armstead, clerk, Hanford Joint Union High School District, (a) to fur. one or more bus chassis not to exceed \$3000 cost of each, equipped with extra wheel and tire, speedometer, governor, self starter and with sufficient tonnage capacity to transport 40 adult passengers; (b) fur. one or more bus bodies seating 36 to 40 adult passengers, equipped with upholstered or slatted seats, one side-door entrance controller by driver. Cert. check or bidder's bond of 10% req. with bid. Further information obtainable from clerk.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

STOCKTON, San Joaquin Co., Cal.—Black & Veatch, consulting engineers, 307 South Hill St., Los Angeles, commissioned to prepare plans for sewer system and sewage disposal system for California Hot Springs, a health resort; will serve ultimate population of 1500.

FIRE ALARM SYSTEMS

SANTA CRUZ, Santa Cruz Co., Cal.—M. C. C. (Santa Cruz Electric Co.), at awarded contract by city to furnish and install 11 standard Semaphore light and bell type traffic signals.

FIRE EQUIPMENT

CORTE MADERA, Marm Co., Cal.—Bonds voted April 9 amounting to \$10,000 to purchase fire equipment declared invalid. Another election will be called by town trustees.

SANTA ROSA, Sonoma Co., Cal.—Until May 1, 8 P. M. bids will be rec. by C. B. Reid, city clerk, to fur. and del. one quadruple combination 750-gal. pump and hose truck with booster tank and service truck equipment. Bidders to furnish specifications. Cert. check 10% payable to city req. with bid. Further information obtainable from clerk.

BEVERLY HILLS, Cal.—Until 8 P. M. May 8, bids will be rec. by city for 2 or more pump engines for fire dept. B. J. Runniger, city clerk.

SANTA ROSA, Sonoma Co., Cal.—City will ask bids at once to be opened about May 1, to fur. quadruple combination 750-gal. pump and hose fire truck with booster tank and complete equipment, including 50-ft. extension. Bidders, gas masks, life net, etc. Plans on file in office of C. B. Reid, city clerk.

MISCELLANEOUS SUPPLIES

MONROVIA, Los Angeles Co., Cal.—Until April 28, 10 A. M. bids will be rec. by city to fur. and del. 40 bbls. lubricating oil for gas engines. Further information obtainable from city clerk.

SAN DIEGO, Cal.—City Purchasing Agent rejects bids to fur. 25,000 ft. 3/4-in. copper tubing; bids opened April 20. New bids will be asked.

PIPE LINES, WELLS, ETC.

SANTA ROSA, Sonoma Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, provides \$12,326 to place 10,415 ft. of 3-in. high pressure welded main to replace 2-in. main bet. Santa Rosa holder and Wrights Station.

EL MONTE, Cal.—Until 8 P. M. May 7, bids will be rec. to drill water well. Cert. check, 10%. B. B. Moore, city clerk.

SEWAGE DISPOSAL PLANTS

LODI, San Joaquin Co., Cal.—City Eng. L. F. Barzellotti preparing plans for new sludge beds with concrete retaining walls at sewage disposal plant.

TULARE COUNTY, Cal.—Black & Veatch, consulting engineers, 307 South Hill St., Los Angeles, commissioned to prepare plans for sewer system and sewage disposal system for California Hot Springs, a health resort; will serve ultimate population of 1500.

SAN LUIS OBISPO, Cal.—Until May 11, 7:30 P. M. bids will be rec. by Callie M. John, city clerk, to const. outfall line and sewage disposal plant. The outfall sewer will be a 21-in. line from French and Higuera Sts. to the present city sewer form. Plans for the disposal system are to be received on alternate proposal for an Imhoff tank installation and sludge digestion tank disposal system. The outfall is planned to take care of a population of 50,000, and the two tanks a population of 6000 each. The council will adopt the type after consideration of the bids received. Plans were prepared by Warren B. Burch, consulting engineer, San Luis Obispo. Cert. check \$1,500 payable to Mayor req. with bid. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

MISCELLANEOUS CONSTRUCTION

SAN JOSE, Santa Clara Co., Cal.—Construction will be started within 30 days by Southern Pacific Co., 65 Market St., San Francisco, on \$3,300,000 project, work to extend over a 2-year period. Construction will comprise improvement-relocating right-of-way into city involving eight grade separations including seven subways and viaduct. Subways will be constructed at Julian, The Alameda, Park, Bird, Delmas, Prevost and Willows Sts. San Carlos street will surmount tracks on a viaduct.

WATER WORKS

SANTA CRUZ, Santa Cruz Co.—City returns lone bid sub. to fur. and install complete, operative, modern municipal pumping plant, consisting of Diesel engines, pumps and necessary auxiliary equipment to provide capacity of 6,000,000-gals. of water per 24 hrs. New plans and specifications will be prepared by Roy Fowler, city eng., and new bids asked.

REDWOOD CITY, San Mateo Co., Cal.—Western Well Works, San Jose, at \$2,949 awarded cont. by city to drill well near Charter St. in connection with municipal water system.

TURLOCK, Stanislaus Co., Cal.—Osborn and Son, Turlock, at \$2,500 awarded cont. by city to fur. and del. 1200 ft. 4-in., 200 ft. 6-in. and 800 ft. 8-in. bell and spigot c. i. pipe, class B.

SANTA ROSA, Sonoma Co., Cal.—City council authorizes purchase of additional quantities of water pipe. C. B. Reid, clerk.

SANTA MARIA, Santa Barbara Co., Cal.—City orders plans to imp. El Camino Subdivision, involv. about 2200 ft. of 6-in., 4-in., 3-in. and 2 1/2-in. water lines 2220 ft. 6-in. water California type fire hydrants. The total area is about 6 square blocks. 1911 Act. Harry Neel, city eng.

LIVINGSTON, Merced Co., Cal.—Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco, at \$7,020 awarded cont. by city to fur. and install 30,000-gal. steel tank and tower.

SACRAMENTO, Cal.—Latourette-Fical Co., 907 Front St., Sacramento, at \$799 sub. low bid to city to fur. and install 1 deep well pump for Del Paso Park. Other bids, all taken under advisement, were: F. J. Kimball, Los Angeles, \$887.36; Western Well Works, San Jose, \$900; Fairbanks-Morse Co., San Francisco, \$908; Sterling Pump Works, Stockton, \$913.42; Byron-Jackson Co., Berkeley, \$928.50.

SANTA ROSA, Sonoma Co., Cal.—Until May 1, 5 P. M. bids will be rec. by C. B. Reid, city clerk, to fur. 8,700-lin. ft. class B, bell and spigot c. i. water pipe, 4-in. dia., .45-in. thickness, tons of 2,000 lbs. together with fittings. Cert. check 10% payable to city req. with bid. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Twohy Bros. Co., and J. F. Shea Co., Sharon Bldg., San Francisco, at \$590,496.77 sub. low bid to East Bay Municipal Utility District to const. Sequoia Aqueduct, bidding on the basis of steel pipe. T. E. Connolly, San Francisco, next low for steel pipe at \$600,356.24, and Yoddall Construction, third low, steel pipe, at \$627,979.64. George C. Pollock Co., and H. Gould, Sacramento, only bidder for c. i. pipe at \$849,671.65. Lock-Joint Pipe Co., Ampere, N. J., at \$587,529.30 only bidder for concrete pipe.

Bid of Lock-Joint Co., covered steel cylinder reinf. conc. pipe. Payment for excavation based on ditch width required for steel pipe. Bid based on award of two schedules.

Bid of Twohy Bros. Co., and J. F. Shea Co., for steel pipe, provided addition of \$8,000 for substitution of welded circular seam or a subtraction of \$12,000 for such seams and testing after backfilling. Bid based on award of two schedules.

Pollock and Gould bid based on Hi-Tensile c. i. pipe.

All bids taken under advisement. Complete list of unit bids received on file in office of Larsen Advance Construction Reports, 547 Mission St., San Francisco.

OAKLAND, Cal.—Twohy Bros., and J. F. Shea Co., Sharon Bldg., San Francisco, at \$822,989.03 sub. low bid to East Bay Municipal Utility District, to const. Wildcat Aqueduct. The bid is on the basis of steel pipe. Other bids on steel pipe were: T. E. Connolly, San Francisco, \$834,158; Yoddall Construction Co., San Francisco, \$904,167.85. Geo. C. Pollock Co., and H. Gould, Sacramento, only bidder on cast iron pipe at \$1,145,238. Lock-Joint Pipe Co., Ampere, N. J., only bidder for concrete pipe at \$839,525.

Lock-Joint Pipe Co. bid covers steel cylinder reinforced concrete pipe; payment for excavation based on ditch width required for steel pipe. Bid based on award of two schedules but will accept Wildcat Aqueduct at \$1 per lin. ft. additional price.

Bid of Twohy Bros. Co., and J. F. Shea Co. provided addition of \$7000 for substitution of welded circular seam or a subtraction of \$10,000 for such seams and testing after backfilling. Bid based on award of two schedules.

Bid of Geo. C. Pollock Co. and H. Gould based on Hi-Tensile c. i. pipe.

All bids taken under advisement. Complete list of unit bids received on file in office of Larsen Advance Construction Reports, 547 Mission St., San Francisco.

LIVINGSTON, Merced Co., Cal.—R. B. McNair, 2819 Rhoda St., Oakland, at \$26,123 awarded cont. by city to fur. and install deLavaud c. i. pipe water system, including hydrants, valves, etc.

GRIDLEY, Butte Co., Cal.—Until May 7, 8 P. M., bids will be rec. by J. L. Lewis, city clerk, to fur. 3000 ft. 4-in., 350 ft. 6-in. and 350 ft. 2-in. Class B bell and spigot, c. i. pipe with fittings. Cert. check 10% req. with bid. See call for bids under official proposal section in this issue.

LOS GATOS, Santa Clara Co., Cal.—Until May 9, 8 P. M. bids will be rec. by E. M. Miller, clerk, Los Gatos Union High School District, for sprinkler system. Cert. check 5% payable to clerk of district req. with bid. Plans obtainable from clerk.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

ALHAMBRA, Los Angeles Co., Cal.—Election will be held June 5 to vote on \$475,000 bond issue for water imps. and acquisition of water rights.

LOS ANGELES, Cal.—Torsion Construction Co., 1290 West Anaheim St., Long Beach, at \$932,725 awarded cont. by county for const. in Drainage Dist. No. 2, involv. 14.37-mi. pipe line and 1.89-mi. box section.

SEWERS AND STREET WORK

EL DORADO COUNTY, Cal.—As previously reported, bids will be rec. May 2, by State Highway Commission, to grade 3-mi. bet. Eagle Falls and Meeks Bay. Project involves: clearing and grubbing right of way; 48,320 cu. yds. rdwy. excav. without classification; 18,800 sta. yds. overhaul; 1,770 cu. yds. struct. excav. without classification; 300 lin. ft. 12-in., 62 lin. ft. 18-in., 80 lin. ft. 24-in., and 86 lin. ft. 36-in. corr. metal pipe; 890 cu. yds. rubble masonry (retaining walls). State will fur. corr. metal pipe.

SHASTA COUNTY, Cal.—As previously reported, bids will be rec. May 2, by State Highway Commission, to surface with crushed gravel or stone, 17-mi. bet. Montgomery Creek and 2-mi. west of Burney. Project involves: 15,000 cu. yds. stand. road surf. crushed gravel or stone; 50 M gals. water applied to crushed gravel or stone surface.

SANTA ROSA, Sonoma Co., Cal.—City will ask bids shortly to fur. additional quantities of sewer pipe. C. B. Reid, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (413-C) to const. vit. clay pipe main san. sewer with wye branches and brick manholes in National St. bet. Bay St. and Pelton Ave. 1911 Act. Bond Act 1915. Protests May 7. S. A. Evans, city clerk. Roy Fowler, city engineer

MOUNTAIN VIEW, Santa Clara Co., Cal.—A. J. Ralsch, 46 Kearny St., San Francisco, at \$57,931.30 awarded cont. by city to imp. portions of Railroad Ave., Church, Villa Sts., Sierra, Yosemite and Fairmount Aves., and Bush St. involv. conc. curb; gutter; conc. and corr. iron seg. culverts; conc. pipe storm drain; conc. curb; gutter; conc. and corr. iron renite-Bit. surface on asph. conc. base.

SAN LUIS OBISPO, Cal.—Irving L. Ryder, San Jose, was awarded contract by county at \$113,036 April 6 to improve streets in The Town of Pismo, including Romero Ave., Cypress St., Ocean View Ave. and other streets, involv. 4065 cu. yds. grading; 238,840 sq. ft. 2½-in. asph. base with 1½-in. Warrentite bitum. surface; 1692 lin. ft. cem. conc. curbs; 7870 sq. ft. cem. conc. side-walks; 114 lin. ft. corr. iron culverts on cem. conc. base; lighting system; vit. sanitary sewer; water system complete, cast iron pipe; 4 gutter drain inlets; 1600 lin. ft. cem. conc. gutters. S. G. Whittelsey, eng., Pismo Beach. Other bids were: Warren Construction Co., \$116,581.16; Jones & King, \$118,580.14; California Construction Co., \$122,349.66; Union Paving Co., \$122,759.40; Prentiss Paving Co., \$124,760.89.

VALLEJO, Solano Co., Cal.—J. E. Johnston, E and Weber Sts., Stockton, at \$14,984 awarded cont. by city (140) to imp. Louisiana St. from Sutter St. to west line of Napa Rd., includ. crossings, involv. regrade and repave with 6-in. conc. pave. consisting of 4-in. base course, 2-in. surface; 4-in. vit house lateral sewers. Other bids: Hutchinson Co., \$16,825; Louis Tagnon, Vallejo, \$17,314.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (828) to const. system of 6-in. san. main and lateral sewers, wye branches, curves, house connections, lampholes and manholes in Taylor St., bet. El Dorado and Center Sts., and in Taylor St., bet. Hunter and San Joaquin Sts. 1911 Act. Bond Act 1915. Protests May 7. A. L. Banks, city clerk. W. B. Hogan, city engineer.

SANTA ROSA, Sonoma Co., Cal.—W. A. Bechtel, 625 Market St., San Francisco, at \$90 cu. yd. awarded cont. by county for Hilton Cut, involv. 6000 cu. yds. excavation.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1425) to imp. Hendley St., bet. Bennett Ave. and Tupper St. and Mill St., bet. Brown and Handley Sts., and Wheeler St., bet. Hendley and E St., and Charles St., bet. Brown and Hendley Sts., involv. grade; 4-in. macadam base with 3-in. asph. conc. surface, laid in one course; hyd. conc. curbs, gutters. 1911 Act. Bond Act 1915. Protests May 15. C. B. Reid, city clerk.

SAN BERNARDINO COUNTY, Cal.—Until May 10, 10 A. M., bids will be rec. by District Engineer, U. S. Bureau of Public Roads, 461 Market St., to const. 2.20 mi. of Squirrel Inn-Pass Section of Bear Valley National Forest Highway Route No. 65, involv. 21 acres clearing; 362,473 cu. yds. excavation, unclassified; 2900 cu. yds. unclassified excavation for structures; 10,000 sta. yds. overhaul; 2.20 mi. finish earth graded roads; 600 cu. yds. A. conc.; 15 cu. yds. B. conc.; 86,000 lbs. reinf. steel; 1334 lin. ft. C. M. pipe, haul and place; 200 lin. ft. wood guard rail; 2950 sq. ft. precast conc. cribbing; 210 M.B.M. treated tunnel timber; 370 lin. ft. unlined tunnel excavation; 500 lin. ft. tunnel excavation, lined. Plans obtainable from above office.

TULARE, Tulare Co., Cal.—Standard Oil Co. awarded cont. by city to fur. oil for street work at 90c per bbl. exclusive of freight.

SAN JOSE, Santa Clara Co., Cal.—Proceedings have been started for formation of County Sanitation District No. 1. Hearing will be held May 21. Henry A. Pfister, county clerk. Robt. Chandler, county surveyor.

LOS ANGELES, Cal.—J. D. Harms, 8720 Beechwood Ave., Southgate, at \$127,010 sub. low bid to county to const. D and W S cem. sewers, manholes, etc., in Co. Imp. No. 510, Adkisson St., Ditman St., etc.

SANTA ROSA, Sonoma Co., Cal.—Until May 1, 8 P. M. bids will be rec. by C. B. Reid, city clerk, to fur. 8,700 lin. ft. St. bet. Orchard and King Sts., involv. grade; 4-in. macadam base with 3-in. asph. conc. pave. laid in one course; hyd. conc. curbs and gutters. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. kith bid. Plans on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—Until May 1, 8 P. M. bids will be rec. by C. B. Reid, city clerk, (1414) to imp. Cleveland Ave. bet. Carrillo St. and 10th St., involv. grade, 4-in. macadam base, with 3-in. asph. conc. surf. laid in one course; hyd. conc. curbs and gutters. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk

MONTEBELLO, Los Angeles Co., Cal.—C. E. Osborne, 450 California Terrace, Pasadena, at \$277,026 awarded cont. by city to imp. Garfield Ave., involv. 550-, 655 sq. ft. 7-in. to 9-in. Vib. conc. pave.; 653,609 sq. ft. disintegrated granite sub-base; cem. sewers; street lighting system, etc.

PLUMAS - LASSEN COUNTIES, Cal.—Until May 16, 2 P. M., bids will be rec. by State Highway Comm. to surface with crushed gravel or stone, 12.4 mi. at intervals bet. Chester and Devils Corral. See call for bids under official proposal section in this issue.

PORTERVILLE, Tulare Co., Cal.—Until May 1, 8 P. M., bids will be rec. by W. R. Means, city clerk, (133) to imp. Doris Ave., bet. 2nd St. and unpaved portions of Sunnyside Ave., involv. grade, remove existing curb, const. cem. conc. curb, corr. iron part circle culverts, 5-in. hyd. conc. pave. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

PORTERVILLE, Tulare Co., Cal.—Until May 1, 8 P. M., bids will be rec. by W. R. Means, city clerk, (132) to imp. East Bellevue Ave., bet. Sunnyside Ave. and Second St. and unpaved portions of intersection of East Bellevue and Sunnyside Aves., involv. grade; cem. conc. curb; part circle corr. iron culverts; 5-in. hyd. cem. conc. pave. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

BELL, Los Angeles Co., Cal.—Drainage Constr. Co., Box 345, Santa Ana, at \$136,000 awarded cont. by city to const. East Side Sewer System; 8, 10, 12-inch vit. pipe; manholes.

NATIONAL CITY, Cal.—Griffith Co., Railway Bldg., Los Angeles, at \$198,700, awarded cont. by city to imp. various sts., involv. asph. conc. and conc. pavements; walks, curbs, etc.

SANTA ROSA, Sonoma Co., Cal.—Until May 1, 5 P. M. bids will be rec. by C. B. Reid, city clerk, to fur. 1200 lin. ft. 4-in. 700 lin. ft. 6-in., 2,400 lin. ft. 8-in., 2,000 lin. ft. 10-in., salt glazed vit. ironstone sewer pipe; together with wye branches as more fully described in official proposal section in this issue. Cert. check 10% payable to city req. with bid.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (829) to imp. portions of Kensington Way involv. grade; comb. conc. curbs and gutters; conc. walks; 2-in. cementing gravel base with 5-in. hyd. conc. surface; and portions of Bristol Ave., Oxford Way, Elmwood Ave., North Country Club Blvd., etc., involv. grade; comb. conc. curb and gutters; conc. walks; 2-in. cementing gravel base, 5-in. hyd. conc. surface pave. 1911 Act. Bond Act 1915. Protests May 7. A. L. Banks, city clerk. W. B. Hogan, city eng.

RICHMOND, Contra Costa Co., Cal.—City declares inten. (454) to imp. Key Blvd. bet. Nevin and Macdonald Aves.; Prather Ave. bet. San Pablo Ave. and Carlston St., and Carlston St. bet. Nevin and Prather Aves., and portions of Nevin and McDonald Ave., involv. grade; 4-in. broken rock cushion with 6-in. cem. conc. pave. and asph. and broken rock surface; cem. conc. curb, gutters, walks, catchbasins, etc., corr. iron culverts; vit. sewers. (Some portions to be paved with 6-in. and 8-in. Richmond Standard macadam). 1911 Act. Bond Act 1915. Protests May 7. A. C. Faris, city clerk. E. A. Hoffman, city eng.

RIALTO, Cal.—A. T. Ingalls, 1604 West 29th St., Los Angeles, sub low bid to the Currie Engineering Co. and C. E. Johnson, consulting engineers, 219 Anderson Bldg., and will be awarded cont. at \$38-, 194.50 for imp. subdivision in Rialto known as Rialto Manor. The bid involved 813,000 sq. ft. oiled macadam 3.95c sq. ft., 400,000 sq. ft. oiled shoulders 1.5c sq. ft.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

BAKERSFIELD, Kern Co., Cal.-
County supervisors appropriate \$15,000
to finance completion of drainage system
at fair grounds.

Official Proposals

State of California
Department of Public Works
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock p. m., on May 16, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications thereunto which special reference is made, of portions of State Highway, as follows:

Del Norte County, between Smith River and the Oregon line (I-DN-1-C-D-E), about thirty-five and three-tenths (35.3) miles in length to be surfaced with crushed gravel or stone and oiled.

Del Norte County between Crescent City and 0.7 mile south of the Oregon line (I-DN-71-A and B), about twenty-one and six-tenths (21.6) miles in length to be surfaced with crushed gravel or stone.

Del Norte County, between the California-Oregon State Line and a point seven-tenths (0.7) mile South (I-DN-71-B) about seven-tenths (0.7) mile in length, to be graded and surfaced with crushed gravel or stone.

Pumas and Lassen Counties, at intervals between Chester and Devils Corral (I-Plu-Las-29-A-B), about twelve and four-tenths (12.4) miles in length, to be surfaced with crushed gravel or stone.

Orange County, from Galivan to one mile north (VII-Ora-2-B), about nine-tenths (0.9) mile in length, to be graded and surfaced with oil treated crushed gravel or stone.

Sacramento County, between Galt and Arno (X-Sac-4-A), five reinforced concrete girder bridges on concrete bents and abutments as follows:

- Station 144+75, one 30-foot span.
- Station 279+13, three 30-foot spans.
- Station 283+02, six 30-foot spans.
- Station 286+68, three 30-foot spans.
- Station 315+39, two 30-foot spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
Dated: April 18, 1928.

NOTICE TO BIDDERS

(Water Pipe—Santa Rosa)

Notice is hereby given that sealed proposals will be received by the undersigned City Clerk of the City of Santa Rosa for the items specified below:

8,700 lineal feet Cast Iron, Class "B", Bell and Spigot water pipe, four inches internal diameter, .45 inches in thickness, in tons of 2000 pounds.

Five 4-inch by 4-inch Class "D" all Bell Crosses.

Sixteen 4-inch by 4-inch Class "D" all Bell Tees.

Four 4-inch Bell and Spigot 1/2 Bends.

The above amounts are approximate. All material to be of best grade and subject to the approval of the City Engineer.

Prices bid will include delivery at points within the City Limits of the City of Santa Rosa as designated by the City Engineer.

Immediate delivery is essential and each bidder will fix in his proposal the time of delivery.

Each bid to be accompanied by a certified check or bid bond payable to the City of Santa Rosa for an amount equal to 10 per cent of the amount of the bid.

Bids to be received up to the hour of 5 o'clock P. M. on Tuesday, May 1, 1928. The right to reject any and all bids is reserved by the Council.

By order of the Council of the City of Santa Rosa.
Dated April 18, 1928.

C. B. REID,
City Clerk.

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 15th day of May, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the East Oakland High School and East Oakland High School Gymnasium of the Oakland High School District, located 582 feet North of Brighton Ave. on the West side of Foothill Boulevard, in the City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street Oakland, California.

Separate bids will be taken on:

- (1) General Work.
- (2) Finish Hardware.
- (3) Blackboards.
- (4) Awning Type Window Fixtures.
- (5) Mastinave Flooring.

On a deposit of One Hundred (\$100.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on General Work shall be returned within three (3) weeks, and plans taken out by bidders on other work shall be returned within three (3) days, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said High School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000.00) Dollars,

but for all bids of less than Fifty Thousand (\$50,000.00) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 15th day of May, 1928, at 10:45 A. M., in the Board Room, 211, Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDMOND,
Secretary of the Board of Education of Oakland, California.

37

NOTICE TO CONTRACTORS

(Sewage Disposal Plant, San Luis Obispo)

Sealed bids for the construction of an outfall line and a sewage disposal plant will be received by the City Council of the City of San Luis Obispo, State of California, up to 7:30 o'clock p. m., on the 14th day of May, 1928, at its office in San Luis Obispo, to be there publicly opened and read.

The work is to be done in accordance with the profiles, plans and specifications adopted by the City Council and on file in the office of the City Clerk.

Copies of plans, profiles, cross-sections and specifications, and also blank forms suitable for use in bidding on said work may be obtained in the office of the said City Clerk and no bid will be considered which is not in accordance with and on the form herein referred to.

Each bid must be accompanied by a certified check in the amount of Fifteen Hundred Dollars, made payable to the Mayor of the City of San Luis Obispo, as a guarantee that the bidder, if awarded the contract, will enter into a contract for the performance thereof satisfactory to said City Council. And in addition thereto, the successful bidder will be required a further bond in the sum of fifty (50) per cent of the amount of the contract, with acceptable sureties, to secure the payment of laborers, material-men, etc.

The City Council reserves the right to reject any and all bids not deemed advantageous to the City of San Luis Obispo.

By order of the City Council of the City of San Luis Obispo, State of California, made this 16th day of April, 1928.

CALLIE M. JOHN,
(SEAL) City Clerk.

NOTICE TO CONTRACTORS

(Dunsmuir Joint Union High School District)

Notice is hereby given that sealed bids will be received by the Trustees of Dunsmuir Joint Union High School, Dunsmuir, Siskiyou County, California, at the office of the principal of the high school, at Dunsmuir, California, until 7:30 P. M., May 14, 1928, for the erection of a Dunsmuir Joint Union High School building, to be built at Dunsmuir, California, according to the plans and specifications prepared by Starks & Flanders, the authorized architects.

Bids will be received for the various branches of the work, as follows: For the general work as one contract; for the electrical work, heating and plumbing as separate contracts or a combined figure on all three trades.

Plans and specifications will be on file at the office of the Clerk of the Trustees of said Dunsmuir Joint Union High School Building in Dunsmuir, and may be seen at or obtained from the office of the Architects, Starks & Flanders, Ochsner Bldg., Sacramento, California. A cash deposit of \$10 will be required from all prospective bidders on all copies of plans and specifications loaned

of a guarantee of the return of the

The Board of Trustees of a company by a certified check for a sum not less than ten per cent of the amount of the bid, made payable to Clara J. Hanna, Clerk of the Board of Dunsmuir Joint Union High School District, as a guarantee of good faith that the parties to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work; and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement or to furnish said bonds, said check will be forfeited to said Dunsmuir Joint Union High School District in the manner provided by law.

The Board of Trustees will not accept a bidder's bond in lieu of a certified check, each bidder must fill out the bid form, which is attached to the specifications, and submit same enclosed in a sealed envelope and addressed to Clara J. Hanna, Clerk of the Board of Trustees of the Dunsmuir Joint Union High School, Dunsmuir, California, and endorsed: Proposal for Building Dunsmuir Joint Union High School Building at Dunsmuir, California.

The Board of Trustees expressly reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Board of Trustees of Dunsmuir Joint Union High School District, Siskiyou County, California.

Dated April 18, 1928.

GEO. M. TAYLOR,

Chairman.

Attest:
CLARA J. HANNA,
Clerk

NOTICE TO CONTRACTORS

(Refrigerators—Mare Island Navy Yard, (Hospital))

Sealed bids indorsed "Bids for Automatic Refrigerators, Specification No. 5583," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., May 16, 1928, and then and there publicly opened, for automatic refrigerators consisting of refrigerator boxes, motor-driven compressors, condensers, liquid receivers, expansion coils or units, wiring, piping and accessories at the Navy Yard (Hospital), Mare Island, Calif. Specification No. 5583 and accompanying drawing may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. L. E. Gregory, Chief of Bureau, March 29, 1928.

NOTICE TO CONTRACTORS

(Lincoln School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Lincoln School District, Elverta, Sacramento County, State of California, at the office and residence of the Clerk, in said District, Elverta, Sacramento County, California, until 4 o'clock P. M., May 8, 1928, for the erection of Grammar School Building to be erected on the School Grounds at Elverta, Sacramento County, California, according to plans, specifications and proposals for the same as prepared by Frederick S. Harrison, the authorized Architect.

Plans and specifications may be seen or obtained at the office of the Clerk of the Board of Trustees, Elverta, California, or at the office of Frederick S. Harrison, Architect, People's Bank Building, Sacramento, California.

A cash deposit of \$25 will be required from all prospective bidders on all copies of plans and specifications loaned out as a guarantee of the return of the same in good condition.

All bids shall be received for the General Construction, the Plumbing, Heating System and the Electrical work, with alternative propositions, and all shall be presented on blank forms which may be procured at the office of the Architect.

Each bid must be accompanied by a certified check on some responsible California bank for a sum of not less than ten per cent (10%) of the amount of the bid, made payable to the Clerk of

the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded, will, within ten days after the award is made, enter into a contract and furnish a surety bond for the faithful performance and bond for labor and material as may be required by law, and in case the bidder refuses to enter into said contract or to furnish said bonds, said check will be forfeited to the said School District in the manner provided by the law. The Board of Trustees will not accept a bidder's bond in lieu of a certified check.

Each bid must be enclosed in a sealed envelope and addressed to Albert Scheidel, Clerk of Board of Trustees, Lincoln School District, Elverta, Sacramento County, California, and endorsed: "Proposal for Grammar School Building."

The Board of Trustees expressly reserves the right to reject any or all bids.

By order of the Board of Trustees of the Lincoln School District, Elverta, Sacramento County, California.

ALBERT SCHEIDEL, Clerk.

THOS. McKINNON, Jr.,

CLIA B. A. ANDERSON,

Trustees.

NOTICE TO CONTRACTORS

(West Stanislaus Irrigation District)

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at their office in Westley, Stanislaus County, California, up to two o'clock P. M. (2:00 P. M.) Saturday, May 12, 1928, and will at that time be publicly opened, for the construction of approximately two miles of Main Canal and appurtenant structures, in accordance with the contract, plans and specifications therefor.

CONTRACT No. 2.—Construct Main Canal from station 0+00 to station 125+00, including approximately 465,000 cu. yds. of earth excavation; 330,000 sta. yds. of haul; 270 cu. yds. of reinforced concrete in Intake structure and secondary pump houses; 788 lin. ft. of metal pipe varying in size from 18" diameter to 36" diameter; three pile bridges; and placing of necessary gates, trash racks and appurtenances.

All proposals must be accompanied by a certified check for at least five (5%) per cent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of the successful bidder will be returned when the contract has been executed and the required bonds furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof, will become and remain the property of the West Stanislaus Irrigation District.

Plans, specifications and contract are on file and can be inspected at the District's office at Westley, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

A full set of plans, specifications and contract may be obtained at the Engineer's office or at the District's office, on deposit of \$10 for each set, which sum will be returned on the return of the same in good condition within ten days after the date on which bids are opened.

The contract will be let to the lowest responsible bidder, except that the District reserves the right to reject any and all bids. Bids will be opened at the District's office at the home of W. W. Cox at Westley, California, Saturday, May 12, 1928, at 2:00 P. M.

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,

Secretary of the Board of Directors.

NOTICE TO BIDDERS

(C. I. Pipe and Fittings—Gridley, Cal.)

Notice is hereby given that pursuant to a Resolution of the City Councilmen of the City of Gridley, directing this notice, said City Council hereby invites separate sealed bids for the purchase of certain cast iron pipe, described as follows, to-wit:

3000 feet of 4 in. Class B Bell and Spigot Cast Iron Pipe.

350 feet of 6 in. Class B. Bell and Spigot Cast Iron Pipe.

350 feet of 2 in. Class B. Bell and Spigot Cast Iron Pipe.
1 4x4x6 T Cast Iron Pipe (Bell end).
12 4x4x4 T Cast Iron Pipe.
1 6x6x4x4 (cross) Cast Iron Pipe.
3 4x4x4x4 (cross) Cast Iron Pipe.
1 6 in. Gate Valve.
4 4 in. Gate Valves. All caulking material.

All bids for the purchase of said cast iron pipe shall include the cost of furnishing said pipe f. o. b. Gridley, California, and shall be accompanied by a check payable to the City Clerk, certified by a responsible bank for ten per cent of the amount bid.

Said City Councilmen reserve the right to reject any and all bids submitted. Sealed proposals or bids for the purchase of said cast iron pipe shall be delivered to the City Clerk of the City Council of said City on or before eight o'clock P. M. on Monday the 7th day of May, 1928.

All bids will be opened at the Council Chamber of said City Council on said day and hour.

J. L. LEWIS, City Clerk.

Dated: April 16, 1928.

NOTICE TO BIDDERS

(Sewer Pipe—Santa Rosa)

Notice is hereby given that sealed bids will be received by the undersigned City Clerk of the City of Santa Rosa for the items specified below:

1200 lineal feet four (4) inch salt glazed vitrified ironstone sewer pipe.
700 lineal feet six (6) inch salt glazed vitrified ironstone sewer pipe.
2400 lineal feet eight (8) inch salt glazed vitrified ironstone sewer pipe.
2000 lineal feet ten (10) inch salt glazed vitrified ironstone sewer pipe.
20 "Y" branches, six (6) inch run with four (4) inch branch.

100 "Y" branches, eight (8) inch run with four (4) inch branch.
80 "Y" branches, ten (10) inch run with four (4) inch branch.

The above amounts are approximate. All material to be of the best grade and subject to the approval of the City Engineer.

Prices bid will include delivery at points within the City Limits of the City of Santa Rosa as designated by the City Engineer.

Immediate delivery is essential and each bidder will fix the time of delivery in his proposal.

Each bid to be accompanied by a certified check or bid bond payable to the City of Santa Rosa for an amount equal to 10 per cent of the amount of the bid.

Bids to be received up to the hour of 5 o'clock P. M. of Tuesday, May 1, 1928.

The right to reject any and all bids is reserved by the Council.

By order of the Council of the City of Santa Rosa.

Dated, April 18, 1928.

C. B. REID,
City Clerk

NOTICE TO BIDDERS

(School Furniture—Oakland, Calif.)

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District and Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211 City Hall, Oakland, California, until Tuesday, the 8th day of May, 1928, at 10:30 A. M., at which time and place said bids will be opened for: Library Tables, Oak Chairs, Vienna Chairs, and School Desks.

Bids to be accompanied by a certified check for at least 10% of the amount of the bid or proposal.

These bids shall be presented in accordance with the Specifications on file in the office of the Assistant Business Manager, City Hall, Oakland.

Price, fitness and quality being equal, preference will be given to the products of the State of California.

Persons or firms desiring to be on the mailing list of the Oakland Board of Education may list themselves with the Purchasing Department.

JOHN W. EDMOND,
Secretary of the Board of Education of Oakland, California.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
986	Battersby	Owner	1200
987	Bendon	Owner	5000
988	Hatch	Owner	1200
989	Gordon	Owner	4000
1000	Kataoka	Shimamoto	1750
1001	Loughran	Delaney	2031
1002	Miller	Owner	8000
1003	Sunset	Owner	8000
1004	Sturdivant	Britt	1200
1005	Western	Siegrist	4500
1006	Balliet	Owner	4000
1007	Duffy	De Voer	4000
1008	Giller	Owner	12000
1009	Grahn	Owner	8000
1010	Grahn	Owner	5000
1011	Restaurant	Mullen	3000
1012	Mollinari	Grisenti	500
1013	Mutter	Meinberger	5000
1014	Olsen	Kraquist	4000
1015	Scherman	Spivock	30000
1016	Trost	Owner	1000
1017	Wesendunk	Owner	4000
1018	Zamlich	Harris	2000
1019	Baumann	Elkington	8000
1020	Casperon	Kett	10000
1021	Fritz	Owner	2000
1022	Foreman	Owner	4500
1023	Johnson	Owner	3000
1024	Appleton	Owner	3000
1025	Babino	Coburn	1000
1026	Bereais	Jenkins	1995
1027	Eichbaum	Thulin	1112
1028	Jensen	Owner	1000
1029	Moss	Chisholm	3000
1030	McGavin	Johnson	9000
1031	Malloch	Owner	2000
1032	Sullivan	Owner	28000
1033	Tomstad	Owner	3000
1034	Walters	Owner	4000
1035	Ames	Neuter	6000
1036	Arnott	Arnott	5000
1037	Bromberg	California	3900
1038	Bothin	Moore	1000
1039	Cassaty	Owner	3000
1040	Delucchi	Sharmen	4000
1041	Dahla	Owner	6600
1042	Dalton	Watson	1200
1043	Fusca	Owner	1000
1044	Gray	Owner	4000
1045	Goss	Owner	6000
1046	Higby	Grant	6000
1047	Low	Masarie	1500
1048	Lang	Lang	4000
1049	Monson	Monson	90000
1050	McKeon	Flav	5000
1051	O'Connor	Owner	1000
1052	Steffen	Owner	3000
1053	Savage	Owner	1900
1054	Zelco	Woing	2500
1055	Arnott	Arnott	5000
1056	Brokenshire	Goodrich	3000
1057	Champarino	Lindgren	3000
1058	Herzig	Owner	2000
1059	Same	Same	5000
1060	Laughlin	Owner	135000
1061	Lang	Owner	6000
1062	Larety	Ericksen	4000
1063	Peterson	Reed	2000
1064	Rosellini	Ratto	3000
1065	Samuels	Mullen	12000

DWELLING
(996) W MUNICH 75, 100 and 125 N Russia; three 1-story and basement frame dwelling.
Owner—G. M. Battersby, 2706B Mission.
Architect—None. \$4000 each

DWELLING
(997) W 26th Ave 175 N Ulloa; 1½-story and basement frame dwelling.
Owner—G. O. Bendon, 2266 29th Ave.
Architect—Owner. \$5000

ALTER DWELLING
(998) NE HARVARD 125 SW Fulton; alter dwelling.
Owner—H. L. Match, 788 6th Ave.
Architect—None. \$1200

DWELLING
(999) W GUTTENBERG 21 N Hanover; 1-story and basement frame dwelling.
Owner—Harry Gordon, 312 Hanover.
Architect—None. \$400

REMODEL HOTEL
(1000) 1651 POST ST.; alter and remodel hotel.
Owner—I. Kataoka, 1651 Post St.
Architect—Geo. Shimamoto, 1529 Buchanan St.
Contractor—Architect. \$1750

REPAIR DAMAGES
(1001) 3410 MISSION ST.; repair fire damages.
Owner—T. Loughran and Mary Rodgers, 219 Virginia Ave.
Architect—None.
Contractor—Chas. S. Delaney, 1715 Eddy St. \$2 031.6

FLATS
(1002) W 18th AVE 175 N Taraval; 2-story and basement frame (?) flats.
Owner—Louisa and Augusta Miller, 21st Ave.
Architect—None. \$8000

DWELLING
(1003) W 23rd AVE 25 and 50 N Moraga; two 1-story and basement frame dwellings.
Owner—Sunset Dist. Bldg. Co., 925 Irving St.
Architect—None. \$4000 each

DEPT. STORE
(1004) E MISSION 36.10 N Capp St.; 2-story reinforced concrete dept. store.
Owner—P. H. Sturdivant, 1717 17th St.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd. \$12.6

WAREHOUSE
(1005) SW 15th and Vermont St.; add 2-stories to storage warehouse.
Owner—Western Pacific R. R. Co., Mills Bldg.
Engineer—H. M. Smitten, Mills Bldg.
Contractor—F. R. Siegrist Co., 693 Mission St. \$45,000

DWELLING
(1006) S SATURN 175 E Roosevelt; 2-story and basement frame.
Owner—Gottlieb Balliet, 4184 17th St.
Architect—None. \$4000

DWELLING
(1007) SE RIDGEWOOD & Hearst; 1-story and basement frame dwelling.
Owner—Andrew I. Duffy, 5100 Mission.
Architect—None.
Contractor—M. E. DeVoer, 5100 Mission Street. \$4000

DWELLINGS
(1008) W 45th AVE 95, 125, 150 and 175 N Wawona; four 1-story frame dwellings.
Owner—R. E. Giller, 478 Vernon St.
Architect—None. \$3000 each

DWELLINGS
(1009) W WHEELER 20 and 60 S Bay Shore; two 1-story and basement frame dwellings.
Owner—William H. Grahn, 2965 Mission.
Architect—None. \$4000 each

DWELLING
(1010) SW WHEELER and Bay Shore; 1-story and basement frame dwelling.
Owner—William H. Grahn, 2965 Mission.
Architect—None. \$5000

REMODEL RESTAURANT
(1011) 972 MARKET ST.; alter front, completely alter and remodel restaurant.
Owner—Louvre Restaurant, 972 Market.
Architect—None.
Contractor—Mullen Manufacturing Co., 64 Rausch Ct. \$3000

DWELLING
(1012) SW CERVANTES 123.65-100 SE Prado; 1-story and basement frame dwelling.
Owner—Frank Mollinari, 373 Columbus Avenue.
Engineer—L. A. Blecher, 2828 Pierce St.
Contractor—Joe Grisenti, 1773 Lombard St. \$5800

DWELLING
(1013) S VISITACION 100 W San Bruno; 1-story and basement frame dwelling.
Owner—Mrs. H. N. Nutter, 535 15th Ave.
Architect—Wm. F. Gunnison, 210 Post St.
Contractor—H. S. Meinberger, 343 4th St. \$5000

DWELLING
(1014) NE EUGENIA and Bocana; 1-story and basement frame dwelling.
Owner—G. Olsen, 75 Beta St.
Architect—None.
Contractor—A. J. Kronquist, 1919 Ocean Ave. \$4000

APARTMENTS
(1015) N NORTH POINT and 137.6 E Broderick; 3-story and basement frame (6) apts.
Owner—Sol Scherman, Portland, Oregon.
Architect—Mark Scherman, Portland, Oregon.
Contractor—Spivock and Spivock, Hobart Bldg. \$30,000

RESIDENCE
(1016) PACHECO ST. Lot 6 Blk 10 Forest Hill; 2-story and basement frame residence.
Owner—Mrs. Carl Trost, 425 Kearny St.
Architect—E. J. Resing, 425 Kearny St. \$10,000

DWELLING
(1017) NE AMAZON 25 S Vienna; 1-story and basement frame dwelling.
Architect—None.
Owner—A. A. Wesendunk Jr., 1625 San Jose Ave. \$4000

RAISE HOUSE
(1018) 354 30th St.; raise house and install private garage.
Owner—George Zamlich, 360 30th St.
Architect—None. \$1000

ALTERATIONS
(1019) NO. 1838 DIVISADERO. Alter and remodel apartments.
Owner—G. C. Baumann, Premises.
Architect—None.
Contractor—Robert Harris, 1838 Divisadero St., San Francisco. \$2000

RESIDENCE
(1020) N YERBA BUENA AVE 114 W Santa Paula. Two-story and basement frame residence.
Owner, Mrs. O. Casperon.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—G. J. Elkington & Sons, 1291 33rd Ave., San Francisco. \$8000

ALTERATIONS
(1021) SW FREDERICK & MASONIC Ave. Move apartment building, add furnace room and later basement of building.
Owned by—Eugent N. Fritz Jr., Park Lane Apartments, San Francisco.
Architect—None.
Contractor—Conrad Kett, Park Lane Apartments. \$10,000

ALTERATIONS
(1022) W STOCKTON 70 to 120 N Ellis. Alter Hornlein Building.
Owner—Foreman & Clark, Stockton and O'Farrell Sts., San Francisco.
Architect—H. J. Knauer, % Owner. \$2000

DWELLING
(1023) S TWENTY-EIGHTH AVE 200 S Judah. One-story and basement frame dwelling.
Owner—Nels P. Johnson, 967 14th St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4500

DWELLING
(1024) N NAGLEE 59-6 W Ellington. One-story and basement frame dwlg.
Owner—W. H. Appleton, 108 Naglee St., San Francisco.
Architect—C. M. Baker, 230 Rolph St., San Francisco. \$3000

REPAIRS

(1927) NO. 1248 GRANT AVE. Repair fire damage.
Owner—L. Babner, 753 Larch St., San Francisco.
Architect—None.
Contractor—Chas. Ceburn, 753 Larch St., San Francisco. \$1000

ALTERATIONS

(1929) NO. 27 AND 29 PARK ST. Alter and remodel dwelling.
Owner—Mrs. Bergius, Premises.
Architect—None.
Contractor—Jenkins & Gross, 3433 Market St., San Francisco. \$1995

REPAIRS

(1927) NO. 263 FOURTEENTH AVE. Repair fire damage.
Owner—W. F. Eichbaum, 60 Brady St., San Francisco.
Architect—None.
Contractor—A. L. Thulin, 60 Brady St., San Francisco. \$1112

(1928) NO. 1010-12 CHURCH. Repair fire damage.
Owner—A. Jensen, Premises.
Architect—None. \$1000

ALTERATIONS

(1929) NO. 159 ARLINGTON ST. Raise and alter flats.
Owner—Ed Moss, Premises.
Architect—None.
Contractor—R. A. Chisholm, 666 Mission St., San Francisco. \$3000

ALTERATIONS

(1930) NO. 2701 BRODERICK. Alter and remodel dwelling and add to same.
Owner—Drummond McGavin, 2701 Broderick St., San Francisco.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—J. Harold Johnson, Hearst Bldg., San Francisco. \$9000

(1931) SW CLAY AND SPRUCE. Alter and remodel three apartment flats.
Owner—J. S. Malloch, 666 Mission St., San Francisco.
Architect—None. \$2000

DWELLINGS

(1932) E FAIRFIELD 100, 136, 172, 208, 244, 280 and 316 N Ocean. (7) One-story and basement frame dwellings.
Owner—T. J. Sullivan, 252 Jules Ave.
Architect—None. \$4,000 each

DWELLING.

(1933) S STATES 630 W Castro. One-story and basement frame dwelling.
Owner—Martin Tomstad, 411 Diamond Street.
Architect—Chas. F. Strothoff, 2274 15th Street. \$3,000

DWELLING

(1934) N AMAZON AVE. 75 SE Madrid. One-story and basement frame dwelling.
Owner—Harry Walters, 256 Farallones St., S. F.
Architect—None. \$4,000

WAREHOUSE

(1935) NW HOOPER 200 SW 7th ST.; 1-story frame warehouse.
Owner—Ames and Co.
Architect—Gottschalk & Rist, Phelan Building.
Contractor—Fred Neuter, 1780 9th Ave. \$6,000

DWELLING

(1936) E 16th AVE 40 N SANTIAGO; 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 632 Taraval.
Architect—None.
Contractor—Jas. A. Arnott & Son, 633 Taraval. \$500

WAREHOUSE

(1937) N SHIPLEY 100 E 5th ST.; 1-story and mezzanine concrete warehouse.
Owner—Alex. W. Bromberg and Samuel Rabin, 555 Howard St.
Architect—None.
Contractor—California Concrete Co., 8 Avery St. \$3,900

UNDERPINNING BLDG

(1938) E POLK 100 S LOMBARD ST.; underpinning building.
Owner—Edwin Real Estate Co., 604 Mission St.
Architect—N. B. Green, 55 New Montgomery St.
Contractor—Alfred J. Dock Co., Ft. of Adeline St., Oakland. \$1000

ALTERATIONS

(1939) 2021 ANZA ST.; alter and remodel dwelling and build additions on same.
Owner—George Cassaty, 2021 Anza St.
Architect—None. \$3,000

DWELLING

(1919) SW BURROWS & HOLYOKE; 1-story and basement frame dwelling.
Owner—Davide Deluech, %1514 Irving St.
Architect—None.
Contractor—Thos. R. Sharmon, 1514 Irving St. \$4,000

DWELLINGS

(1941) W PORTER 45 and 70 S BENTON; two 1-story and basement frame dwellings.
Owner—John Dahla, 430 Crescent Ave.
Architect—None. \$3,300 each

ALTERATIONS

(1942) 823 GUERRERO; alter bathrooms and rebuild porches.
Owner—John Dalton, 823 Guerrero St.
Architect—None.
Contractor—E. Watson, 3 Appleton Ave. \$1,200

ALTER & REMODEL

(1943) 423 24th AVE.; alter and remodel dwelling.
Owner—S. Fusco, 422 24th Ave.
Architect—None. \$1000

DWELLING

(1944) NW 17th AVE & PACHECO; 1-story and basement frame dwelling.
Owner—Charles A. and Grace E. Gray, 2383 16th Ave.
Architect—None. \$4,000

DWELLING

(1945) S SARGENT 75 W RALSTON; 1-story and basement frame dwelling.
Owner—Sam P. Goss, 1158 Brunswick St.
Architect—None. \$6,000

REMODEL

(1946) 260 10th AVE.; remodel flats into apts.
Owner—A. H. Higby, 260 10th Ave.
Architect—Alex. Cantin, Flatiron Bldg.
Contractor—J. A. Grant, 82 Divisadero. \$6,000

ALTER & REMODEL

(1947) N CLAY 150 E STOCKTON; alter and remodel assembly hall and living quarters.
Owner—Low Gar Kung Shaw Society, 854 Clay St.
Architect—None.
Contractor—V. Masarie & A. U. Cuneo, 1121 Wisconsin St. \$1,500

DWELLING

(1948) LOT 8 BLK 25 FOREST HILL; 1-story and basement frame dwelling.
Owner—Lang Realty Co., 39 Sutter St.
Architect—H. G. Stoner, 39 Sutter St.
Contractor—Lang Realty Co., 810 Ulloa Street. \$4,000

APARTMENTS

(1949) NE 20th & IRVING ST.; 6-story Class C (38) apts.
Owner—O. Monson, 475 6th St.
Architect—H. C. Baumann, 475 6th St.
Contractor—Monson Bros., 20th and Irving. \$90,000

DWELLING

(1950) SE 15th & SANTIAGO; 2-story and basement frame dwelling.
Owner—C. McKeon, 2160 Mission St.
Architect—None.
Contractor—G. L. Plov, 391 Munich St. \$5,000

INSTALL GARAGE

(1951) 3348 16th ST.; install private garage under building.
Owner—D. O'Connor, 1107 Shrader St.
Architect—None. \$1,000

RAISE & ALTER BLDG.

(1952) 1555 PAIGE ST.; raise bldg., install fire escape, add new rooms and alter bldg.
Owner—F. Steffen, 2026 Mission St.
Architect—None. \$3,000

APARTMENTS

(1953) N CHESTNUT 118.9 E BRODERICK; 3-story and basement frame (6) apts.
Owner—W. A. Savage, 1116 Irving St.
Designer—W. Withered, 16 Turk St. \$19,000

INSTALL GARAGES

(1954) 3555 JACKSON; install garages in apts.

Owner—Zelcol Invest. Co., 1802 Cabrillo
Architect—S. A. Colton, 3020 Balboa St.
Contractor—T. S. Weing, 1802 Cabrillo St. \$2,500

DWELLING

(1955) E FIFTEENTH AVE 184 Santiago. One-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—None.
Contractor—J. Arnott & Son, 633 Taraval St., San Francisco. \$500

DWELLING

(1956) S REVERE AVE 100 E Lan. One-story and basement frame dwelling.
Owner—David Brokenshire, 1711 Lan. St., San Francisco.
Architect—None.
Contractor—R. J. Goodrich, 1291 Revere Ave., San Francisco. \$3000

DWELLING

(1957) NE MISSISSIPPI AND TWENTY. One-story and basement frame dwelling.
Owner—G. Champarino.
Architect—None.
Contractor—Lindgren Bros., 64 Ramona St., San Francisco. \$3000

ADDITION

(1958) E ALVISO 50 N Holloway. Add room to dwelling.
Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—None. \$2000

DWELLING

(1959) E ALVISO 250 S Urbano. One-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco. \$5000

APARTMENTS

(1960) N PINE 81-3 E Gough. Six-story and basement Class C (48) apartments.
Owner—Chas. A. Laughlin, 649 Gough St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$135,000

DWELLING

(1961) N ALTON 62 E Ninth Ave. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 2074 Chestnut St., San Francisco.
Architect—Lang Realty Co., 2074 Chestnut St., San Francisco. \$6000

(1962) W WINNIPEG 274 S Sickels. One-story and basement frame dwlg.
Owner—H. Lorey, 2890 Mission St., San Francisco.
Architect—None.
Contractor—Henry Ericksen, 972 Chenery St., San Francisco. \$4000

INCINERATOR

(1963) QUINT bet. Evans and Davison. Erect shaving incinerator.
Owner—Peterson Mill & Lumber Co., Premises.
Architect—Reed Blow Pipe Mfg. Co., 340 Seventh St., San Francisco. \$2000

ALTERATIONS

(1964) NO. 143 COLLINGWOOD. Alter and remodel residence.
Owner—C. Rosellini, Premises.
Architect—N. W. Mohr, 4405 20th St., San Francisco.
Contractor—V. E. Ratto, 4594 19th St., San Francisco. \$3000

ALTERATIONS

(1965) NO. 879 MARKET. Completely alter and remodel jewelry store.
Owner—Albert S. Samuels Co., 885 Market St., San Francisco.
Architect—Mullen Mfg. Co., 64 Rausch St., San Francisco. \$12,000

LEASES

SAN FRANCISCO COUNTY

April 1, 28—Charles A and Mary E Butler to Paula Dhal—N Fulton bet Gough and Franklin known as 320 Fulton st 5 years \$25,080

Dec 15, 27—Bothin Real Estate Company to John N Penneff—SW 2d SE Jessie St 25 x SW 70 6 months \$750

Jan 18, 28—Charles Hornung to John Peskar—NE cor Valencia & Duboce av fmlly Ridely & sometime 13th st known as 199 Valencia & 96 Duboce av 5 years \$5400

BUILDING CONTRACTS

San Francisco County

Owner	Contractor	Amt.
De Vore	Reed	4448
Swart	Ohlsen	6000
Nutter	Weinberger	8794
McKay	Lindberg	11490
Moleman	Grisenti	9063
Winceler	Hennings	10154
Southern	La Voie	2250
Frost	Lindberg	9600
Hibernia	Clervi	1837
Same	Fire	695
Same	United	1893

61) E 18th AVE 175 S Taraval 25 x 120; 1-story frame building.
Owner—C. M. De Vore, Merchants Exchange Bldg., San Francisco.
Architect—Plans by contractor.
Contractor—F. Carroll Reed, 519 12th Av. San Francisco.
Filed April 19, 1928. Dated April 18, 1928
Signing agreement \$ 848
Roof completed 1000
Brown coated 1000
Woodwork completed 1000
Building completed 600
TOTAL COST, \$4448
Bond, \$4448; sureties, Fidelity & Deposit Co.; forfeit, none; limit, 66 days after June 23, 1928; plans and spec. filed.

BUNGALOW
162) N 18th AVE 175 S Noriega; one-story frame bungalow.
Owner—Harriet Swart, San Francisco.
Architect—None.
Contractor—Alfred H. Ohlsen, 2369 Harrison St., San Francisco.
Filed April 19, 1928. Dated April 10, 1928
Payments of 25% as follows:
Roof on.
Brown coated.
Woodwork completed.
35 days after.
TOTAL COST \$6000
Bond, sureties, forfeit, none; limit, July 5, 1928; plans and spec. not filed.

RESIDENCE
163) S VISITATION AVE 100 W San Bruno Ave 34 x S 150; one-story frame residence and garage.
Owner—Mr. and Mrs. H. N. Nutter, 1 Leland, San Francisco.
Architect—Wm. F. Cunningham.
Contractor—H. S. Weinberger, 343 4th Ave., S. F.
Filed April 19, 1928. Dated April 17, 1928
Rough frame up \$2198.50
Brown coated 2198.50
Completed 2198.50
35 days after 2198.50
TOTAL COST \$8794
Bond, \$4400; sureties, Chas. H. Shipman, Edwin T. Peterson; forfeit, none; limit, 100 days; plans and spec. filed.

RESIDENCE
(164) LOT 12 BLK 21, Forest Hill. All work for two-story and basement frame residence.
Owner—Wilbur M. McKay, 381 27th Ave., San Francisco.
Architect—Wm. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.
Filed April 20, '28. Dated April 14, '28.
Roof sheathing on \$2872.50
Brown coated 2872.50
Completed and accepted 2872.50
Usual 35 days 2872.50
TOTAL COST, \$11,490.00
Bond, \$5745. Sureties, Chas. Monson and H. W. Larsen. Limit, 85 days. Forfeit, \$15. Plans and specifications filed.

BUNGALOW
(165) ON CERVANTES BLVD. Lot 440-A Blk 5, Marina Gardens. All work except tile and painting for six-room bungalow.
Owner—Frank Molinari, 1711 Mason St., San Francisco.
Architect—L. A. Blecher, 2828 Pierce St., San Francisco.
Contractor—Joe Grisenti.
Filed April 21, '28. Dated April 20, '28.
Roof on \$1768
Brown coated 1765
Completed 1765
Usual 35 days 1765
TOTAL COST, \$7063
Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

BUILDING
(166) NW SANCHEZ AND TWENTY-eighth W 70xN 34. All work except lumber, finished hardware, lighting

fixtures, window shades for two-story frame building.
Owner—Mildred and Fred Windeler.
Architect—E. J. Resing.
Contractor—Walter Hennings, 2317 34th Ave., San Francisco.
Filed April 21, '28. Dated April 20, '28.
Roof sheathing on \$2538.50
Brown coated 2538.50
Completed and accepted 2538.50
Usual 35 days 2538.50
TOTAL COST, \$10,154.00
Bond, \$5077. Sureties, J. A. Hart and Jos. H. Ottens. Limit, 85 days. Forfeit, none. Plans and specifications filed.

REPAIRS
(167) W STEUART bet. Howard and Mission, 168 and 174 Steuart; repairs to building.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—W. J. La Voie, 3129 Folsom St., San Francisco.
Filed April 24, 1928. Dated—
TOTAL COST, \$2250
Bond, \$2250; sureties, New York Indemnity Co.; forfeit, none; limit, 45 days; plans and spec. filed.
NOTE—Contr. to receive \$180 and 5% of cost of labor and material.

BUILDING
(168) LOT 6 BLK 10 FOREST HILL; all work except heating, electric, plumbing, window shades, finish hdw. and lighting fixtures on 2-story and basement frame bldg.
Owner—Mr. and Mrs. Carl Trost, 2144 Leavenworth St., San Francisco.
Architect—E. J. Resing.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.
Filed April 24, 1928. Dated April 24, 1928.
Roof sheathing on \$2400
Brown coated 2400
Completed 2400
35 days after 2400
TOTAL COST, \$9600
Bond, \$4800; surety, Chas. Monson, H. W. Larsen; forfeit, none; limit, 85 days; plans and spec. filed.

BANK BLDG.
(169) NW MISSION AND NORTON W 50xN 100. Marble and tile work for bank building.
Owner—The Hibernia Savings & Loan Society, Jones and McAllister Sts., San Francisco.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Contractor—Clervi Marble & Mosaic Co., 1721 San Bruno Ave., San Francisco
Filed April 25, '28. Dated April 20, '28.
Completed and accepted \$1377.75
Usual 35 days 459.25
TOTAL COST, \$1837.00
Bond, \$1837. Surety, Hartford Accident & Indemnity Co. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(170) SHEET METAL WORK ON above.
Contractor—Fire Protection Products Co., 3117 20th St., San Francisco.
Filed April 25, '28. Dated April 20, '28.
Completed and accepted \$521.25
Usual 35 days 173.75
TOTAL COST, \$695.00
Bond, \$695. Surety, Standard Accident Ins. Co. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(171) STEEL SASH ON ABOVE.
Contractor—United States Metal Products Co., 330 10th St., San Francisco
Filed April 25, '28. Dated April 20, '28.
Completed and accepted \$1419.75
Usual 35 days 473.25
TOTAL COST, \$1893.00
Bond, \$947. Sureties, Globe Indemnity Co. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
April 19, 1928—S	LAWTON 37-6 E 11th Ave E alg Lawton 37-6 x S 100. Ada S Pelt, Ada S Pelt as extr. est Albert W. S. Pelt, dect.		April 18, 1928
April 19, 1928—W	FILLMORE 125 S Beach alg W Fillmore 50 W 124.547 N 37.015 N 16.453 E 140 W 237. The Elliott Bldg. Co. to G. P. W. Jensen.		April 18, 1928
April 19, 1928—LOT 15 Blk 7 Castro	Addn and Glen Park Terrace E Dia-		

mond 111.2 1/4 N Sussex 25x100. Mrs. Selma Cook to Albert Lang.

April 18, 1928—SE BRAZIL Ave and Paris W 25 alg Paris x S 50. G. Silvestri to A. J. Simonelli.
April 18, 1928—E BRODERICK 100 N Francisco N 25 x E 118-9. Percy D. Tyler and James K. Wilkey to whom it may concern.
April 18, 1928—324 CASELLI Ave. Caroline Johanson to John J. Binet.
April 18, 1928—LOT 1 BLK 3267 Balboa Terrace. Ernest C. and Oscar M. Hueter to W. C. Zwiep.
April 18, 1928—E 25th Ave 100 N Ulloa. Arvid Halsen to whom it may concern.
April 18, 1928—S MORAGA 107-6 E 22d Ave E alg S Moraga 35 x S 100. Jas. Kern to whom it may concern.
April 18, 1928—250 12th St. La Grande Laundry Co. to Daniel O'Neill.
April 18, 1928—E PENNSYLVANIA 60 N 22nd N 100 SE 104-4 m or 1 S 73-6 W 100 to beg Ptn PN 320. Mariano and Bonifacia Estebez.
April 18, 1928—LOT 10 BLK 6800 Map Castle Manor. Castle Building Co. fmly Gensler Lee Inv. Corp. to Henry Horn.
April 20, 1928—SE ANZA and 41st Ave E 27.6 and S 100. Manning Baldwin Inc. to whom it may concern.
April 20, 1928—SE CLEMENTINA 100 SW 8th SW 25 x SE 75. S. P. Durhee and T. A. Thomas to M. Sichel.
April 20, 1928—NE MALLORCA WAY & NE & NW Alhambra 55 deg 50 sec 14 min alg NE Mallorca Way 50.194 N 34 deg 9 min 46 sec E 100 S 55 deg 50 min 14 sec E 61.406 to NW Alhambra SW 100.636 to beg. Bessie Cooley to whom it may concern.
April 20, 1928—E 17th AVE. 150 N Vicente N 25 x E 120. Bernhard Kari to whom it may concern.
April 20, 1928—E 17th AVE. 125 N Vicente N 25 x E 120. Bernhard Kari.
April 20, 1928—E DIVISADERO 150 S Marina Blvd. S 25 x E 106-3 N 15 E 25 N 10 W 131-3. Edith W. Griffith to whom it may concern.
April 20, 1928—S TARAVAI 34 E 20th Ave. C. A. Baldocchi to whom it may concern.
April 20, 1928—SW BEACH and Divisadero S 50 x W 87-6. Bessie Cooley to whom it may concern.
April 20, 1928—W CONNECTICUT 456 S 20th W 100 x S 25 E 100 to beg. L. H. Stevenson to whom it may concern.
April 20, 1928—W NOE 76-6 N 27th N 25 x W 117. E. R. Moore to whom it may concern.
April 20, 1928—N PACIFIC Ave 105 W Franklin. Jesse D. Hannah to whom it may concern.
April 21, 1928—W FOURTEENTH AV 230 N Ulloa, 30x135. Carl and Fred Gellert to whom it may concern.
April 21, 1928—LOTS 8 AND 10 BLK 6801; Lot 39 Blk 6800; Lot 11 Blk 6804, Map Castle Manor. Castle Bldg Co fmly Gensler Lee Invst Co to Henry Horn.
April 21, 1928—LOT 41 BLK 6965-B Sub 1, Geneva Terrace. F W Varney to whom it may concern.
April 21, 1928—LOT 1 BLK 3046 Map Blk 3046 and Ptn 3077, Monterey Heights. A J Wilbe to whom it may concern.
April 21, 1928—N FULTON 137-6 W Webster W 27-6xN 137-6. George and Elfrieda A Frick to whom it may concern.
April 21, 1928—W FORTY-SEVENTH Ave 200 N Quintara N 25xW 120. A Stone to whom it may concern.
April 21, 1928—N MAGELLAN AVE 140 E Twelfth Ave. Gertie Frisk wife C J Frisk to whom it may concern.
April 21, 1928—SW MARINA BLVD and Fillmore and Retiro Way 44 on Marina Blvd. 34 on Fillmore and 65 on Retiro Way. Christina Hassell to whom it may concern.
April 21, 1928—S KIRKHAM 95 W Twenty-eighth Ave W 50xS 100. John E and Ethel M McCarthy to whom it may concern.

April 23, 1928—BLK BOUNDED BY
14th St., Mission, Twenty-second
and Kansas Sts., Pacific Gas & Elec-
tric Co. and J. H. and Inc. April 20, '28
April 23, 1928—NE SLOAT BLVD. and
Great Highway along N. and E. Great
Highway 121-126 to its intersection
with S. Wawona E. and S. Wawona
188-196 to W. 4th Ave. S. and 4th Ave.
S. 112-120 to N. 10th Sloat Blvd. W. and
S. Sloat Blvd. 182-183 to 182-183 lot 1 blk
April 24, 1928—NW HANOVER 203-3
NW Lowell SW and NW Hanover 203-3
NW 199, Harold B. and Evelyn B.
Barber to whom it may concern.
April 21, 1928
April 23, 1928—E NINETEENTH AVE
175 S. Moraga, Fred Fiske to whom
it may concern. April 23, 1928
(Correction in Name)
April 23, 1928—W LARKIN 75 N. Green-
wich N. 50xW. 105-9. Twenty-five
Twenty-five Larkin St. to De Luce
& Son, W. S. Wettenhall Co.; Herrick
Iron Works; Chamberlain Weather Strip
Co.; Thos. F. Rigney; Joel and Donald
Johnson; Peter Bradley; D. Zelinsky
& Sons; L. A. Delatour; Morrison &
Co.; Joseph M. Cinnamon; C. J.
Hillard and George N. Zarro.
April 21, 1928
April 24, 1928—W CORA 226 N. Sun-
nydale Ave. 25x105-S. Harry Apte to
whom it may concern. April 21, 1928
April 24, 1928—E NINETEENTH AVE
175 S. Moraga, 25x120, Fred Fiske to
whom it may concern. April 23, 1928
April 23, 1928—W 30th AVE 300 S. J. C.
DAH S. 25 x W 120 W 30th Ave 325 S.
Judah S. 25 x W 120, Herbert J. Hunt
to whom it may concern. April 23, 1928
April 23, 1928—SE SILLIMAN 60 NE
Bowdoin NE 50 x 100, C. Ravaglioli
to whom it may concern. April 21, 1928
April 23, 1928—W 33rd AVE 100 S. TAR-
AVALL 25x120, Nelson E. Lutz to
whom it may concern. April 24, 1928
April 24, 1928—N GENEVA 50 E Edin-
burgh lot 6 blk 10, Crocker Amazon
Tract, A. M. Samuelson to whom it
may concern. April 20, 1928
April 24, 1928—17th & HARRISON,
Southern Pacific Co. to J. P. Holland.
April 16, 1928
April 24, 1928—W MISSISSIPPI 100 N.
19th N. and Mississippi 25 x W 100,
L. H. Stevenson to whom it may con-
cern. April 23, 1928

LIENS FILED

San Francisco County

Recorded Amount
April 19, 1928—E RUSSIA & Edin-
burgh NE 50 x SE 100 ptn Excelsior Hd
Assn. blk 45, Frank M. Blessing,
Stephen Baciocco, Paul Ghirardelli
as New Mission Sheet Metal Works
vs Alexander E. Mattson, Olive Mat-
son and Thomas M. Foley. \$845
April 19, 1928—62d 43rd Ave. A. J.
Marshall vs K. Bly. \$66.50
April 19, 1928—NE BUSH and Octavia
E. 30 x N 120 to S Austin
ptn W A 159, Meyer Bros. (as Hey-
man Bdg. Sup. Co.) vs William L.
Penzner. \$1,018.95
April 19, 1928—NW JEFFERSON and
Baker N. alg Baker 95.375 x W 120
ptn W A 562, S. S. Herrick (as
Herrick Iron Works) vs Martin Al-
lan, Carmelita and Eugene Aureguy
\$81.65
April 19, 1928—NE COR BUSH and OC-
tavia, Sunset Iron Works vs Wm.
Penzner. \$600
April 19, 1928—E RUSSIA AVE and Edin-
burgh NE alg Edinburgh 50 x SE
100 ptn blk 45 Excelsior Hd Assn.
Edward Hauser (as Standard Shade
Co.) vs N. Mattson. \$55
April 16, 1928—NE COR Russia and
Edinburgh, William Hacklin vs Alec
Mattson, Clyde Walker and Thos. M.
Foley. \$225
April 19, 1928—S CORTLAND AVE 226-
6 E Mission E. alg S Cortland Ave 25
x S 100, Harry Lee vs Emil and
E. Olmo, J. D. Woodside. \$286.85
April 19, 1928—W FOERSTER 25 N
Mangels N 25 x W 100 W Foerster
50 N Mangels N 25 x W 100, James
E. Lennon Lime & Cement Co. vs F.
J. Foster and K. H. Andersen. \$121.67
April 19, 1928—E DOUGLASS 60 N
22nd N 25 x E 109-9, James E. Len-
non Lime & Cement Co. vs A. E. Pen-
ner and K. H. Andersen. \$131.05
April 19, 1928—S HOLLOWAY 50 W
Gould Ave. W. alg S Holloway 50
x S 115 SE Holloway and Bright E
alg S Holloway 50 x S 115, James
E. Lennon Lime & Cement Co. vs A.

P. Grant, E. L. Fullerton, S. Mat-
son and K. H. Andersen. \$263.15
April 19, 1928—S VALLEJO 137-6 W
Gough W. alg S Vallejo 60 x S 137-6,
J. K. Taylor as Taylor Plumbing
Supply Co. vs Calif. Real Estate and
Finance Corp. and O. A. Brown. \$522.86
April 18, 1928—NE DIVISADERO and
Beach N 50 x E 93-9, John J. Deluc-
che vs Louis R. and Birgit or Brigit
Anderson. \$950
April 18, 1928—NE RUSSIA and Edin-
burgh, Hugo Sainio vs Alex. Matt-
son, Clyde Walker, Thos. M. Foley. \$181.5
April 18, 1928—LOT 1 BLK 3 Map For-
est Hill, Robert A. Currie and Ar-
thur Parsons (as Pacific Sheet Metal
& Furnace Co.) vs Frank R. and Allie
J. Hill. \$496.30
April 18, 1928—NW JEFFERSON and
Baker N. alg W Baker 95.375 x W 120
ptn WA 562, Carjolee Wall Paper Co.
Inc. vs C. & E. Aureguy. \$288.54
April 18, 1928—S VALLEJO 137-6 W
Gough W 60 x S 137-6, Primo Guar-
aldi Aeme Concrete Co. vs California
Real Estate & Finance Corp. and O.
A. Brown. \$9,483.28
April 18, 1928—NE BUSH and Oc-
tavia E. alg N Bush 30 x N 120 to S
Austin ptn WA 159, Detroit Steel
Products Co. vs Wm. L. Penzner or
Wm. L. Penzner. \$946
April 18, 1928—N 11th Ave 250 S Cali-
fornia S 25 x N 120, Peder Stավdal
vs R. Leon Lawrence and O. B. Moe. \$35
April 20, 1928—S ANZA 82 E 34th Ave
25x100, Louis Woloski vs R. Leon
Lawrence. \$120
April 20, 1928—E RUSSIA AVE and Edin-
burgh NE 50 x SE 100, J. D.
Murphy (as Standard Building Ma-
terials Co.) vs George Kingston, Alex
G. and Olive Mattson. \$500
April 20, 1928—W 11th AVE 250 S Cali-
fornia 25x120, Louis Woloski vs R.
Leon Lawrence. \$130
April 20, 1928—NE EDINBURGH and
Russia E 100 x N 50 lot 18 blk 6089,
Albert Cook vs Alexander G. and Ol-
ive Mattson, Clyde Walker and Thos.
M. Foley. \$936
April 20, 1928—NE BRODERICK and
Beach N 62.6 x 87.6 being ptn WA
410, Jesse Shay vs Fred Anderson
and Ernest J. Gorman. \$2026
April 20, 1928—E RUSSIA AVE and Edin-
burgh NE 50 x SE 100, George
Kingston vs Alex G. and Olive Mat-
son. \$1,600
April 20, 1928—NE BUSH and Octavia
E. 30 x N 120, Robert Balzke vs
William L. Penzner. \$134.75
April 21, 1928—S VALPARAISO ST. 40
E Taylor E 28-3xS 20, Louis Peveri
vs Lario Coppo and Frank Patrucco
\$1110
April 21, 1928—NE RUSSIA AVE AND
Munich E 100xN 100 being Lot 9
Assessor's Blk 6094 formerly Blk 91,
Excelsior Hd Assn. O. Fantozzi and
and B. Del Tredici (as Star Concrete
Co.) vs Henry J. and Dorothy J.
Schultheiss. \$558.60
April 21, 1928—LOT 25 BLK 2, Map
Forest Hill, Charles Wint vs Gold-
stein & Barker or Louis Goldstein
and Marion Barker and George E.
and Genevieve Steninger. \$49.50
April 21, 1928—LOTS 3 AND 4 BLK 11
Map Forest Hill, James E. Lennon
Lime & Cement Co. vs W C Mac-
George. \$80
April 21, 1928—NE BUSH AND OC-
tavia E 30xN 120 to S Austin, W S
Ray Mfg Co vs William L. Penzner
\$214.50
April 21, 1928—NE BUSH AND OC-
tavia E 30xN 120 to S Austin, Coe-
field Mfg Co vs William L. Penzner. \$750
April 21, 1928—NE TENTH AND HOW-
ard bounded by line commencing at
point inter NW Howard with NE
Tenth NE 113-4 to SW Grace NW
49, O. Monsen and H. E. Rahlmann
(as Monsen Bros) vs Martha W.
Fischer. \$45,009
April 24, 1928—E RUSSIA & EDIN-
burgh NE 50 x SE 100 ptn Excelsior
Hd Assn. blk 45, C. W. Higgins and E.
J. Kraus (as Higgins & Kraus), \$1426;
O. F. Larson (as O. F. Larson & Son),
\$35; vs Alexander G. and Olive Mat-
son and Thomas M. Foley.
April 21, 1928—LOTS 603 and 605 Gift
Map No. 1, Malott & Peterson vs W. H.
G. Down and Eleanor Down. \$165.10
April 21, 1928—LOTS 597, 599, 601, 603,
605 & 607 Gift Map No. 1, M. P.
Saxe, \$600; E. Rikshheim, \$685; C. A.
Wellman, A. E. Perley and L. B. Sib-
ley (as Sibley Grading & Leaming
Co.), \$297.90; Henry Harder, \$1905.50;

Walter M. Twohig & James E. Guthrie
(as General Sheet Metal Works), \$70
vs W. H. Downs.
April 23, 1928—E RUSSIA AVE & Edin-
burgh NE 50 x SE 100 ptn blk 45
Excelsior Hd Assn. Felix Gross Co.
vs Alex G. Mattson, Thos. M. Foley.
\$270.79
April 23, 1928—LOTS 599, 601, 603 Gift
Map 1, J. P. Welsh vs W. H. C. and
Evelyn Down, Henry and Sophia Hill-
ers. \$39.35
April 23, 1928—LOT BLK 2516 bounded
by Great Highway, by Wawona, 47th
Ave and Sloat Blvd. and fronting on
NW cor 27th Ave and Sloat Blvd.
San Francisco Lumber Co. vs C. F.
Parker, H. F. Siegler, R. A. Lee, Geo.
N. Klemyer, L. B. Horn and C. F.
Horn and C. F. Parker. \$2498.65

RELEASE OF LIENS

San Francisco County

Recorded Amount
April 18, 1928—E ASHBURY 130 S
Frederick S 30 x E 100, Richmond
Sanitary Co., Great Western Supply
Co., Sudden Lumber Co., Marlett &
Peterson, Severin Elec. Co., W. H.
Morgan, Indridson & Johnson to
Florence L. Meyer. \$130
April 18, 1928—E ASHBURY 130 S
Frederick S 30 x E 100, Joost Bros.
to Florence L. Meyer. \$130
April 20, 1928—E NAYLOR & PRAGUE
SE 66.29 NE 24.6 NW 67.48 SW 24.6,
San Francisco Terrazzo Assn. to
Francis E. & Olga W. O'Connor, John
L. and Harriet C. Hardman.
April 20, 1928—S SUTTER 137.6 E Lark-
in E 57.6 S 110.8 E 40 S 26.10 W 97.6
N 137.6, Robert I. Perry to Zeller-
bach Levison Co. \$137.6
NW cor 47th Ave and Sloat Blvd.
2516, Chas. A. Langlais to whom it
may concern. \$3499.65
San Francisco Lumber Co. to H. F.
Siegler, R. A. Lee, George N. Klem-
yer, L. B. Ham and C. F. Parker.
April 23, 1928—W FOERSTER 25 S
Mangels S 25 x W 150 W Foerster 50
N Mangels S 25 x W 100, James E.
Lennon Lime & Cement Co. to F. J.
Foster and K. H. Andersen.
April 23, 1928—LOT 1 BLK 2516 bnded
by Great Highway, Wawona, 47th
Ave. and Sloat Blvd., M. J. Schwartz
Inc., D. Kruger, Felix Gross Co. to C.
F. Parker, R. F. Siegler, R. A. Lee,
Geo. N. Klemyer and L. B. Horn.
April 23, 1928—LOT 1 BLK 2516 bound-
ed by Great Highway, Wawona, 47th
Ave and Sloat Blvd. and fronting on
April 23, 1928—NW SLOAT Blvd. and
47th Ave W 182.343 S 121.216 E 188.196
S 121.112, Frank W. Dunne Co., Ar-
thur A. Goepff, Inc., Phoenix-Simpton
Co., and Frank J. Klimm to H. M.
Seigler, George N. Klemyer, R. A.
Lee and C. F. Parker.
April 24, 1928—E THIRTY-SECOND
Ave 150 S Ulloa S 125x E 120, High-
way Finance Corp to Carl A. Eggers
and George Goldstein

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
910	Asburn	Brodrick	250
911	Carpenter	Henderson	7330
912	Davidson	Owner	2500
913	Havens	Holeyoke	3000
914	Johnson	Evakin	4500
915	Hanson	Owner	5000
916	Peter	Lancaster	1500
917	Milton	Owner	50000
918	Tooker	Rose	1000
919	Hansen	Owner	2
920	Neagler	Owner	9500
921	Woodburn	Owner	9975
922	Woodburn	Robinson	8000
923	Alexander	Owner	6000
924	Dolan	Gaubert	4750
925	Gaubert	Owner	5200
926	Hill	Anderson	51400
927	Oakland	Anderson	7122
928	Port	Bartlett	4950
929	Southern	Owner	3000
931	Lindquist	Lawton	7000
932	Pacific	Triberti	12950
933	Oakland	Brown	4000
934	U S Battery	Schoening	6000
930	Coates	Owner	6000
935	Brown	Owner	5000
936	Justice	Owner	4500
937	Lehman	Owner	4500

938	Mee	Allen	3150
939	Ratto	Alley	1700
940	Tevis	Alameda	8000
941	Williams	Farquharson	30000
942	Bent	Owner	3000
943	Clyde	Owner	1000
944	Ferris	Owner	3000
945	Golden	Owner	5000
946	Johnson	Owner	4000
947	Watson	Owner	2700
948	Geary	Owner	3000
949	Fazenda	Owner	2500
950	Johnson	Johnson	2500
951	Johnson	Johnson	2500
952	Lewis	Grodin	4000
953	Orton	Orton	3250
954	Orton	Owner	3250
955	Orton	Owner	3250
956	Orton	Owner	3250
957	Ronneberg	Cone	8500
958	Stephens	Benygerdes	1000
959	West	Owner	1000
960	Marshall	Owner	45000
961	Charles	Owner	4500
962	Foster	Rose	1000
963	Wright	Kane	1000
964	Brizee	Griffiths	2000
965	Dawson	Owner	1500
966	Farina	Owner	1200
967	Fackoury	Bernardi	2500
968	Hicks	Leekins	5000
969	Leekins	Owner	3000
970	Smith	Ballard	1750

ALTERATIONS
(910) 871 CONTRA COSTA, Ave., Berkeley; alterations.
Owner—A. L. Asburn, 71 Contra Costa Ave., Berkeley.
Architect—None.
Contractor—L. Brodrick, 607 Koerber Blvd., Berkeley. \$2000

RESIDENCE & GARAGE
(911) 1462 OLYMPUS Ave., Berkeley; 2-story 6-room 1-family stucco residence and garage.
Owner—M. Carpenter, 816 E 23rd St., Berkeley.
Architect—F. A. Caulkins.
Contractor—E. F. Henderson, 2108 Shattuck Ave., Berkeley. \$7300

RESIDENCE
(912) 2163 Valley St., Berkeley; 1-story 5-room 1-family residence.
Owner—Melvin Davidson, 1417 California St., Berkeley.
Architect—Owner. \$2500

ALTERATIONS
(913) 2203 SHATTUCK Ave., Berkeley; alterations.
Owner—Tony Havens, 2631 Benvenue, Berkeley.
Architect—W. R. Yelland, 1404 Franklin, Berkeley.
Contractor—Arthur Holeyoke, Hayward 33 F. 4. \$300

RESIDENCE
(914) 2130 SACRAMENTO St., Berkeley; 1-story 6-room 1-family residence.
Owner—James Johnson, 2339 Sacramento St., Berkeley.
Architect—R. E. Rippen, 1736 Franklin St., Oakland.
Contractor—G. E. Eakin, 2479 LeConte St., Berkeley. \$4500

DWELLING
(915) S LIGGETT DR., 200 E Hampton Road; 1-story 5-room dwelling.
Owner—B. S. Hanson, 672 Santa Ray Ave., Oakland.
Architect—None. \$5000

ELECTRIC SIGN
(916) 1544 BROADWAY, Oakland; electric sign.
Owner—Peter Bros., no address.
Architect—None.
Contractor—Lancaster Neon Co., Alameda. \$1500

APARTMENTS
(917) W 48th AVE., 237 NE 14th St., Oakland; 2-story 60-room apts.
Owner—R. S. Milton, 3247 E 14th St., Oakland.
Architect—None. \$50,000

FIRE REPAIRS
(918) 2501 MAXWELL Ave., Oakland; fire repairs.
Owner—J. E. Tooker, no address.
Architect—None.
Contractor—A. H. Rose, 478 25th St., Oakland. \$1000

SHED
(919) 1065 GILMAN ST., Berkeley; 2-story 2-room galv. iron shed.
Owner—K. L. Hansen, 1309 Stannage Ave., Berkeley.
Architect—None. \$2000

RESIDENCE
(920) 846 HILLDALE Ave., Berkeley; 2-story 4-room 1-family residence.
Owner—J. Neagler, 1207 Cornell Ave., Berkeley.
Architect—J. H. Smith, 677 Santa Barbara Road, Berkeley. \$4000

RESIDENCE & GARAGE
(921) 135 WALDO AVE., Piedmont; 2-story 9-room frame residence and garage.
Owner—R. C. Woodburn, 579 Radnor Rd., Oakland.
Architect—None. \$9500

RESIDENCE & GARAGE
(922) 124 CAPERTON Ave., Piedmont; 2-story 9-room frame residence and garage.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. \$5975

DWELLING
(923) NE COR E 29th St. and Sheffield Ave., Oakland; 1-story 6-room dwelling.
Owner—Frank R. Alexander, 1511C Fairview St., Berkeley.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—A. M. Robinson, 3032 58th Ave., Oakland. \$8000

DWELLING
(924) 950 GROSVENOR ROAD, Oakland; 2-story 7-room dwelling.
Owner—Leo J. Dolan, 1404 Franklin St., Oakland.
Architect—None. \$6000

DWELLING
(925) 2900 McKILLOP ROAD, Oakland; 1-story 6-room dwelling.
Owner—N. Gaubert, 4735 Brookdale Ave., Oakland.
Architect—None.
Contractor—Gaubert Bros., 4735 Brookdale Ave., Oakland. \$4750

DWELLING & GARAGE
(926) W 45th AVE., 50 SE 16th St., Oakland; 1-story 9-room 3-family dwelling and 1-story garage.
Owner—George Hill, 6023 Majestic Ave., Oakland.
Architect—None. \$5000 and \$200

BRICK SCHOOL
(927) E 64th AVE., bet. Majestic and Trenor Sts., Oakland; 1-story 6-room brick school.
Owner—Oakland Public Schools, no address.
Architect—None.
Contractor—A. F. Anderson, 1093 Longridge Road, Oakland. \$51,400

COMFORT STATION
(928) OAKLAND AIR PORT, Oakland; two 1-story comfort station.
Owner—Port of Oakland, 424 Oakland Bank Bldg., Oakland.
Architect—None.
Contractor—A. F. Anderson, 1093 Longridge Road, Oakland. \$3566 each

WAREHOUSE
(929) N 7th ST., 200 E Fallon St., Oakland; 1-story warehouse.
Owner—Southern Pacific Ry. Co., 65 Market St., S. F.
Architect—None.
Contractor—John M. Bartlett, 354 Hobart St. \$4950

RESIDENCE
(930) 2161 EUNICE ST., Berkeley; 2-story 5-room 1-family residence.
Owner—W. H. Coates, 3330 King St., Berkeley.
Architect—H. A. Schoening, Terrace Walk, Berkeley.
Contractor—W. Livingston, 1152 Euclid Ave., Berkeley. \$6000

DWELLING
(931) N IDLEWOOD ST. 37 E 80th Ave., Oakland. One-story dwelling and one-story garage.
Owner—Chas. W. Lindquist, 4107 Brookdale Ave., Oakland.
Architect—None. \$3000

GARAGE
(932) NW FIRST AND CLAY, Oakland. One-story tile garage.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—None.
Contractor—Lawton & Vezey. \$7000

FOUNDATION
(933) OAKLAND MUNICIPAL AIR Port, Oakland. Concrete foundation.

Owner—Port of Oakland.
Architect—None.
Contractor—Triberti & Massaro, 635 44th St., Oakland. \$12,990

ADDITION
(934) NE NINETY-EIGHTH AVE. AND Sunnyside St., Oakland. Addition.
Owner—U. S. Battery Corp.
Architect—None.
Contractor—Henry A. Brown. \$4000

RESIDENCE
(935) NO. 1440 EUCLID AVE., Berkeley. Two-story 6-room 1-family residence.
Owner—Warren Brown, 1850 Arch St., Berkeley.
Architect—Fox Bros., 1484 University Ave., Berkeley. \$6000

DWELLING
(936) NO. 916 BROADWAY, Alameda. One-story 6-room stucco finish dwelling.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
Architect—None. \$5000

DWELLING
(937) NO. 1821 YALE DRIVE, Alameda. One-story 6-room cement plaster finish dwelling.
Owner—J. Lehman, 959 Appgar St., Oakland.
Architect—None. \$4500

ADDITIONS
(938) NO. 715 GRAND ST., Alameda. Additions to present dwelling.
Owner—H. P. Mee, Premises.
Architect—H. Murdock, 715 Syndicate Bldg., Oakland.
Contractor—M. Allen, 3526 Ardley Ave., Oakland. \$3150

ADDITIONS
(939) NO. 1203 HIGH ST., Alameda. Additions to present dwelling.
Owner—Andrew Ratto, 1203 High St., Alameda.
Architect—None.
Contractor—Lesley E. Alley, 1621 Encinal Ave., Alameda. \$1700

DWELLING
(940) NO. 1538 GIBBONS DRIVE, Alameda. One-story 6-room stucco finish dwelling.
Owner—Dr. Samuel Tevis, 2517 E-14th St., Oakland.
Architect—A. Manuel, 2111 Clement Ave., Alameda.
Contractor—Alameda Builders, 2310 Alameda Ave., Alameda. \$8000

RESIDENCE
(941) NO. 2821 CLAREMONT BLVD., Berkeley. Two-story ten-room one-family stucco residence.
Owner—Shelden Williams.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., San Francisco. \$30,000

FACTORY
(942) W 17th AVE., 300 S S P. R. R.; 1-story tile factory and 1-story factory.
Owner—Bent Concrete Pipe Co. 19th Ave. and Estuary, Oakland.
Architect—None. \$2,000 and \$1000

REPAIRS
(943) 922 24 Center St., Oakland; fire repairs.
Owner—L. P. Clyde, 916 Center St., Oakland.
Architect—None. \$1000

DWELLING
(944) 7606 HILLSIDE ST., Oakland; 1-story 5-room dwelling.
Owner—Chas. M. Ferris, 2924 73rd Ave., Oakland.
Architect—None. \$8000

LOADING SHED
(945) 5307 TELEGRAPH Ave., Oakland; 1-story loading shed.
Owner—Golden State Milk Products Co., 5307 Telegraph Ave., Oakland.
Architect—None. \$5000

DWELLING
(946) N ATLAS Ave. 165 E 35th Ave., Oakland; 1-story 6-room dwelling.
Owner—Carl Johnson, 2185 50th Ave., Oakland.
Architect—None. \$4000

DWELLING & GARAGE
(947) 3577 JORDAN ROAD, Oakland; 1-story 5-room dwelling and 1-story garage.

RESIDENCE
(1928) 1. William Watson, 1500 Melden Ave., Oakland. \$270
Architect—None

RESIDENCE
(1928) NO. 125 ROSK ST., Berkeley. One-story 3-room 1-family residence. Owner—J. J. Garry, 1221 Grand Ave., Oakland. \$2000
Architect—None

DWELLING
(1928) E. 2nd AVE., 200 N. Plymouth St., Oakland. One-story five-room dwelling. Owner—A. P. Fazenda, 9412 C Street, Oakland. \$2,500
Architect—None

DWELLING
(1928) 3043 HIGH ST., Oakland. One-story 3-room dwelling. Owner—A. H. Johnson, Oakland. Architect—None. Contractor—Carl Johnson, 2159 85th Ave., Oakland. \$2,500

DWELLING
(1928) 3919 HIGH ST., Oakland; one-story 5-room dwelling. Owner—A. H. Johnson, Oakland. Architect—None. Contractor—Carl Johnson, 2159 85th Ave., Oakland. \$2,500

DWELLING
(1928) 2247 82nd AVE., Oakland; one-story 6-room dwelling. Owner—C. S. Lewis, 2285 82nd Avenue, Oakland. Architect—None. Contractor—J. J. Grodin, 1028 San Antonio Ave., Alameda. \$4,000

DWELLING
(1928) 7406 HOLLY ST., Oakland. One-story 5-room Dwelling & Garage. Owner—A. E. Orton Master Bldrs., 5748 E. 11th St., Oakland. \$3,250
Architect—None

DWELLING
(1928) 7432 HOLLY ST., Oakland. One-story 5-room Dwelling & One-story Garage. Owner—A. E. Orton Master Bldrs., 5748 E. 11th St., Oakland. \$3,250
Architect—None

DWELLING
(1928) 1832 73rd AVE., Oakland; one-story 5-room Dwelling. Owner—A. E. Orton Master Bldrs., 5748 E. 11th St., Oakland. \$3,250
Architect—None

DWELLING & GARAGE
(1928) 1838 74th AVE., Oakland; one-story 5-room dwelling and 1-story garage. Owner—A. E. Orton Master Bldrs., 5748 E. 11th St., Oakland. \$3,250
Architect—None

TILE SHOP
(1928) NE TWELFTH ST., 60 W 26th Ave., Oakland, One-story Tile Shop. Owner—T. Ronneberg, 1103 Federal Bldg., Oakland. Architect—None. Contractor—W. C. Cone, 1103 Federal Bldg., Oakland. \$8500

ALTERATIONS
(1928) 200 EAST 14th ST.; alterations. Owner—Stephens Restaurant, 200 E. 14th St., Oakland. Architect—None. Contractor—C. L. Benjigedes, 2164 41st Ave., Oakland. \$1900

ALTERATIONS
(1928) 520 30th ST.; alterations. Owner—Henry C. West, 520 30th St., Oakland. Architect—None. \$1000

APT. BLDG.
(1928) 2605 HASTE ST., Berkeley; 3-story frame and stucco apartment building (78 rooms). Owner & Builder—J. A. Marshall, 5658 College Ave., Berkeley. Architect—Plans by owner. \$45,000

RESIDENCE
(1928) NO. 543 SANTA BARBARA RD., Berkeley. One-story 6-room 1-family residence. Owner—C. S. Charles, 2027 Los Angeles Ave., Berkeley. Architect—W. Brodrick, Koerber Bldg., Berkeley. \$4500

ALTERATIONS
(1928) NO. 2311 HOWE ST., Berkeley. Alterations. Owner—Kate R. Foster. Architect—None. Contractor—A. H. Rose, 2438 35th St., Oakland. \$1000

ALTERATIONS
(1928) NO. 2025 SHATTUCK AVE., Berkeley. Alterations. Owner—J. C. Wright. Architect—None. Contractor—H. E. Kane, 312 Ramona Ave., Berkeley. \$1000

DWELLING
(1928) W 60TH AVE., 200 N Tevis St., Oakland. One-story 4-room Dwelling. Owner—M. A. Brizee, 1233 60th Avenue Oakland. Architect—None. Contractor—E. O. Griffiths, 1207 60th Ave., Oakland. \$2,000

ADDITION
(1928) 469 TOMPKINS AVE., Oakland. Addition. Owner—Alex Dawson, 4690 Tompkins St., Oakland. Architect—None. \$1,500

ADDITION
(1928) 6649-6653 FOOTHILL BLVD., Oakland. Addition. Owner—H. Parina, Oakland. Architect—None. \$1,200

STORES
(1928) N SEVENTH ST., 120 E Willow St., Oakland. One-story Stores. Owner—Mike Fackoury, 1666 7th St., Oakland. Architect—None. Contractor—T. Bernardi, 1645 8th St., Oakland. \$2,500

DWELLING
(1928) 4248 MONTEREY BLVD., Oakland. One-story 6-room Dwelling. Owner—J. Hicks, Oakland. Architect—None. Contractor—C. W. Leekins, 3918 Maple Ave., Oakland. \$5,000

DWELLING
(1928) 2116 VICKSBURG AVE., Oakland. One-story 5-room Dwelling. Owner—C. W. Leekins, 3918 Maple Ave., Oakland. Architect—None. \$3,000

ALTERATIONS
(1928) 463-465 FIFTEENTH ST., Oakland. Alterations. Owner—Money Back Smith, Oakland. Architect—None. Contractor—J. C. Ballard, 5222 Belgrave Place, Oakland. \$1,750

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
126	Alexander	Robinson	\$400
127	Chamberlain	Johnson	\$6830
128	Kleppe	Anderson	7000
129	Twentieth	Clinton	94600

GENERAL CONST.
(126) LOT 43 Mount Vernon Park Tract, Oakland; general construction. Owner—Frank R. and Esther F. Alexander, 1511 Fairview, Piedmont. Architect—Williams and Wastell, 374 17th St., Oakland. Contractor—Asa M. Robinson, 3032 5th Ave., Oakland.

Capital City Title Company

(G. C. PALEN, Manager)

Capital Stock \$100,000

SACRAMENTO, NEVADA CITY.
PLACERVILLE, RENO, NEV.

Sacramento Office:
905 SIXTH STREET

Dated April 19, 1928. Filed April 16, 1928.
On execution of contract.....\$1000
When floor joists are placed..... 180
When roof is on..... 120
When brown coated..... 1480
When completed..... 1480
Usual 35 days..... 1480
TOTAL COST, \$8400

Bond, surety, forfeit, none; limit 150 days; plans and spec. filed.

GENERAL CONSTRUCTION
(127) NE 9th & BROADWAY, Oakland; general construction. Owner—Selah Chamberlain, Mills Bldg., San Francisco. Architect—E. W. Canon, 1924 Broadway, Oakland. Contractor—S. G. Johnson, 4652 Dolores, Oakland.

Filed April 20, 1928. Dated April 16, 1928. 7th of each month 75% of value inc. On completion a sum sufficient to bring total payments to 75% of contract. Balance usual 35 days.

TOTAL COST, \$36,830
Bond, \$18,415; sureties, Aaron Dahlquist and John Sandin; forfeit, none; limit July 22, 1928; plans and spec. filed.

BUILDING
(128) LOT 465 BLK Y, Fernside Tract, Alameda. All work for building. Owner—F. M. Kleppe, 1711 Broadway, Alameda. Architect—None. Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

Filed April 21, '28. Dated April 20, '28.
Rafters placed\$1725
Brown plastered 1725
When completed 1725
Usual 35 days..... 1725
Balance to be paid in 6 monthly installments of \$50 each..... 300
TOTAL COST, \$7000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FOUNDATION
(129) SE TWENTIETH ST. & TELEGRAPH AVE., Oakland. Foundation work. Owner—Twentieth and Broadway Realty Co., Oakland.

Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco. Contractor—Clinton Constr. Co. of Calif. 7th and Bay Sts., Oakland. Filed April 25, '28. Dated April 19, '28. On 10th of each month 75% of value inc. until 75% of contract price is paid Balance Usual 35 days.....

TOTAL COST, \$94,600
Bond, \$47,300. Surety, Pacific Indemnity Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted

April 18, 1928—2615 56th Ave., Oakland. Herbert R. and Charlotte H. Anderson to Alfred Peterson..... April 13, 1928
April 18, 1928—LOT 45 BLK D Fernside Tract, Alameda. Geo. A. Young to Walter H. Anderson..... April 14, 1928
April 18, 1928—LOT 294 Oak Knoll Unit C, Oakland. Benjamin B. Hauschild Adm. of the estate of A. M. Kiernan to A. M. Kiernan..... April 16, 1928
April 18, 1928—LOTS 49 and 50 Jones Resub of Blk B of Quigley Tract, Oakland. Cornelius Hansen to whom it may concern..... April 18, 1928
April 18, 1928—LOT 16 BLK L and 1/2 Lot 9 Blk W Trumbull Tract, Oakland. F. O. Sundblom to whom it may concern..... April 18, 1928
April 18, 1928—PTN LOT 16 University Terrace, Berkeley. Elizabeth McGuire to Nels Carlson..... April 16, 1928
April 18, 1928—LOT 11 BLK 59 Kellersberger's Map of Oakland. George Swanstrom to George Swanstrom..... April 18, 1928
April 20, 1928—2001 38th AVE., Oakland. Henrietta Haaf to J. R. Pierce Plumbing Co..... March 31, 1928
April 20, 1928—BET 56th and 58th Sts. bounded by Shattuck and Telegraph Aves. Idora Park Company to whom it may concern..... April 10, 1928
April 20, 1928—NW 49th & DESMOND Sts., Oakland. John Bologna to whom it may concern..... April 19, 1928
April 20, 1928—LOT 10 BLK 4 Rock Ridge Terrace Oakland. Dorothy G. Hooper to T. Pemberton. Apr 15, 1928
April 19, 1928—2390 McNEE St., Berkeley. Ira H. Latour to whom it may concern..... April 19, 1928

April 19, 1928—3745 RHODA Ave. Oakland. Robert B. McNair to George Windsor. April 19, 1928
 April 19, 1928—LOT 23 SW 1/4 lot 22 blk 1 Electric Loop Trace Oakland. Adele P. Chase to whom it may concern. April 18, 1928
 April 18, 1928—LOT 7 Requa Highlands Piedmont. James J. Gier to John Kemble, Standard Fence Co. and W. H. Picard Inc. April 17, 1928
 April 20, 1928—NO. 2151 WEST ST., Oakland. E. G. and Lucy L. Neilson to W. C. Marshall. April 20, 1928
 April 20, 1928—LOT 15 BLK B, Linda Park, Oakland. Fred T. Brown to T. MacKay. April 7, 1928
 April 21, 1928—NO. 3550 SIXTY-Ninth Ave., Oakland. Mary Page to whom it may concern. April 1, 1928
 April 21, 1928—PTN LOTS 19, 20 AND 21 Blk 3, Fruitvale Orchard Terrace, Oakland. William H. McNamara to Fred Gervostad. April 20, 1928
 April 21, 1928—LOT 7, Frost's Thirtieth Avenue Tract, Oakland. Goard, Arnold & McCormick Inc. to Goard, Arnold & McCormick Inc. April 12, 1928
 April 21, 1928—LOT 5 BLK 3, Map of Ppty of L. M. Beaudry and C. Peladeau, Oakland. A. E. Correia to whom it may concern. April 1, 1928
 April 21, 1928—LOT 72, Best Manor, San Leandro. Lezuarte R. Martin to Lezuarte R. Martin. April 19, 1928
 April 21, 1928—NO. 2011-2015 EIGHTYNinth Ave., Oakland. E. J. McCord to E. J. McCord. April 20, 1928
 April 21, 1928—W DOVER ST. 110 S Fifty-second St., Oakland. The Baby Hospital Assn. to Spencer Elevator Co. April 18, 1928; L D Frazee, April 18, 1928; Latourette-Fical Co., April 18, 1928; A Van Heerden Co., April 18, 1928; Thomas R. Catton, April 18, 1928; and Dinwiddie Constr Co. April 18, 1928
 April 24, 1928—LOT 248 & N 10 ft Lot 246 Terminal Junction Tct, Albany. Mildred Combs to J. A. Combs. April 16, 1928
 April 24, 1928—LOT 16 BLK 9 North Cragmont, Berkeley. Dorothy G. Hooper to F. Pemberton. April 20, 1928
 April 24, 1928—BET WARM SPRINGS Junction and Mopitas, Alameda Co. Calif. Highway Comm. (Dept. of Public Wks., Division of Highways) to Allied Contractors, Inc. April 21, 1928
 April 24, 1928—1066 SUNNYHILLS RD., Oakland. Geo. W. Muther to whom it may concern. April 24, 1928
 April 24, 1928—LOT 17 BLK 3, Corrected map of Daley's Scenic Park, Berkeley. Milton S. Bonds to whom it may concern. April 21, 1928
 April 24, 1928—LOT 20, Vernon Park Tract, Oakland. E. Bonnemort to Jacobs & Pattani. April 17, 1928
 April 23, 1928—PTN LOT 13 Claremont Terrace, Oakland. C. G. Langum to whom it may concern. April 19, 1928
 April 23, 1928—LOT 3 BLK 9 Thousand Oaks, Berkeley. W. H. Bardin to Rogers & Rogers. April 17, 1928
 April 23, 1928—SW ADDISON and Oxford Sts., Berkeley. Regents of the University of California to Chas. H. McCullough. April 13, 1928

LIENS FILED

Alameda County

Recorded	Amount
April 20, 1928—PTN LOT 8 Mp of the Brooklyn Land Co., Oakland. Geo. F. Anderson vs S. E. Stafford.	\$129
April 20, 1928—LOT 14 BLK B Rooney Tract, Berkeley. J. A. Florio (Florio Hardware Co.) vs Louise and George Grimshaw and A. P. Palmer.	\$92.17
April 19, 1928—LOT 254 Oak Knoll Unit C., Oakland. Alameda County Septic Tank Co. (Chas. D. Sharrow) vs Glen Bright.	\$110

April 19, 1928—LOT 244 Oak Knoll Unit C., Oakland. Alameda County Septic Tank Co. (Chas. D. Sharrow) vs Glen Bright. \$110
 April 19, 1928—1430 35th Ave., Oakland. George E. Zinslen vs T. M. Christie and A. H. Norton. \$225
 April 18, 1928—LOT 15 and 1/2 Lot 16 Blk G, Fairview Heights, Oakland. J. F. Sutton vs Roy and Elsie Limbach. \$100
 April 18, 1928—E LINE Fruitvale Ave. 123.35 ft. N of Pleasant St., Oakland. Large Brothers vs James S. and Elinor H. Forster. \$621.3
 April 18, 1928—LOT 7 Blk F Piedmont Knoll, Oakland. Large Bros. vs Jas. S. and Elinor H. Forster. \$
 April 23, 1928—57th AVE & E 14th, Oakland. M. H. Detrick Co. vs Mutual Stores Inc & Walter Hasendahl. \$362
 April 23, 1928—905 and 907 18th St., Oakland. Acme Gravel Co. vs Ben Bailey. \$115.80
 April 21, 1928—675 SAN LOUIS ROAD, Berkeley. R. S. Smith, agent of In-laid Floor Co. vs G. W. Eliassen. \$260
 April 21, 1928—LOT 20 BLK F Piedmont Highlands, Piedmont. Superior Metal Products Co., Inc. vs John B. and Gertrude Swift Kaiser. \$365
 April 24, 1928—LOT 35 & PTN 36 Map of a ptn of the property of Mrs. Eliza J. Hyde, Oakland. Chicago Lumber of Washington vs T. M. Christie and H. A. Norton. \$234
 April 24, 1928—E LINE of REDWOOD Ave 156.55 ft N of East 14th St., Oakland. Bay City Hardwood Floor Co. vs John D. Waterhouse and H. A. Norton. \$450
 April 24, 1928—LOTS 115 and 116 BEST MANOR, San Leandro. Ward Furnace Co. vs J. C. Newsum. \$41.60
 April 23, 1928—PTN LOTS 22 and 23, North Side Park, Berkeley. H. E. Birch vs L. G. McCausland and H. W. McCausland. \$200.67
 April 23, 1928—E REDWOOD Ave. 156.55 N E-14th. Oakland. G. W. Howard & Sons, \$950; D. D. Morton, \$560 vs John D. Waterhouse and H. A. Norton.

RELEASE OF LIENS

Alameda County

April 19, 1928—LOT 5 BLK 6 Resub of a ptn of North Cragmont, Berkeley. Redwood Manufacturers' Co. to L. B. and P. E. Waugh. \$184.68
 April 19, 1928—S LINE California State Highway at SW cor of lands of Estate of Frank J. Kelly, Washington Twp. Tilden Lumber & Mill Co. to L. C. Hall and M. M. Enos. \$216.70
 April 18, 1928—LOT 26 Blk A Durant Manor, Oakland. R. H. Cooper to Margaret and Clarence Shipman. \$50
 April 18, 1928—E Side 88th Ave 149 ft. N of E St., Oakland. Fred Schmidt to J. Schmidt, L. B. Frederick and C. J. Krattennak. \$115.80
 April 21, 1928—LOT 5 BLK C Excelsior Heights, Oakland. Piedmont Sheet Metal Works to H. A. Norton. \$500.50
 April 23, 1928—1355 ADDISON St, Berkeley. A. Hellsten to Gilbert H. Vicar, S. C. Briscoe. \$146
 April 21, 1928—LOT 5 BLK C Excelsior Heights, Oakland. The Scott Company to H. A. Norton. \$1,520
 April 21, 1928—LOT 5 BLK C Excelsior Heights, Oakland. John T. Frank (Home Fixture Builders) to H. A. and Ethel Norton. \$351

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
 LOT 14 SUB. LOT G, Selby Tract, San Mateo. All work for two-story residence.

Owner—A. W. Brouillet, 1240 Lombard St., San Francisco.
 Architect—Benjamin S. Hirschfeld, 116 Sixth Ave., San Francisco.
 Contractor—Edward J. Schmalig.
 Filed —, Dated April 19, 1928.
 Roof sheathed\$1491.50
 Plaster on 1491.50
 Completed 1491.50
 Usual 35 days 1491.50
TOTAL COST, \$5966.00
 Bond, \$5966. Surety, National Surety Co. Limit, 60 working days. Forfeit, none
 Plans and specifications filed.

RESIDENCE
 LOT 3 AND PART LOT 4, Woodside Heights, San Mateo. All work for two-story residence.
 Owner—Elliott G. Patter, 2341 Vallejo St., San Francisco.
 Architect—Ernest Coxhead, Hearst Bldg. San Francisco.
 Contractor—Henry B. Post, 1336 Webster St., Palo Alto.
 Filed April 20, '28. Dated April 18, '28.
 As work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$31,950
 Bond, \$16,000. Sureties, James H. and J. Q. Pierce. Limit, Dec. 1, 1928. Forfeit, none. Plans and specifications filed.

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$14,000; Lot 23 Blk 7, Baywood Tct, Virginia Ave., San Mateo; owner, C. W. Levissee, 720 Farrington Lane, Burlingame.
RESIDENCE and garage, 1-story, \$8000; S 1/2 Lot 264 San Mateo Park, Midway Ave., San Mateo; owner, K. E. Paul, 1298 Burlingame Ave., San Mateo; contractor, E. S. Shaver, 1401 Carmelita Ave., San Mateo.
RESIDENCE, one-story and garage, \$8500; 1/2 Lot 264, Midway Ave., San Mateo Park, San Mateo; owner, Mrs. Mabel Miller; contractor, E. S. Shaver, 1401 Carmelita Ave., San Mateo.
RESIDENCE, \$9000; Center Por 170, Dorchester Road, San Mateo Park, San Mateo; owner, Fred Callison; contractor, Roy Allen, 205 Howard Ave., Burlingame.
BUNGALOW, \$3000; Lot 1 on Second Ave Byrne Subdivision, San Mateo; owner, E. Serverete; contractor, Alfred Peterson, 719 Cypress Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
April 16, 1928—LOT 26 and Part Lot 27 Blk 1, Huntington Park, San Mateo. Kirshen Petersen to whom it may concern.	April 13, 1928
April 16, 1928—LOT 19 BLK 1, Burlingame. Harry A. Kelley to whom it may concern.	April 10, 1928
April 16, 1928—LOT 5 BLK 13, Burlingame. B. Norberg to whom it may concern.	April 13, 1928
April 16, 1928—PTN MOUNTAIN Home Rancho in Canada Raymunda Rancho (18 acres). Mary A. Boales to Harry W. Arnold.	April 12, 1928
April 17, 1928—LOT 18 BLK 9, Burlingame. Leslie L. Edner to whom it may concern.	April 14, 1928
April 17, 1928—LOT 15 BLK 25, Redwood Highlands, San Mateo. Mrs. Noble O. Paget to Mrs. L. J. Duncan.	April 10, 1928
April 17, 1928—LOT 12 BLK 6, Burlingame Grove, Burlingame. Miles M. Elder to whom it may concern.	April 13, 1928
April 17, 1928—LOTS 16, 17 AND 18 Blk 39, Easton. First Presbyterian Church of Burlingame to The Neal Co.	April 6, 1928
April 19, 1928—PART LOTS 3 AND 4 Blk 7, Range D, Mezesbilli. Elizabeth Smith to whom it may concern.	April 17, 1928
April 19, 1928—PART LOTS 4 AND 5 Blk 7, Range D, Mesville. Mary K. Griffin to whom it may concern.	April 17, 1928
April 19, 1928—PART LOT 18 BLK 8, New High School Acres, San Mateo. George Y. Morton to Peninsula Con. Co (2 completions).	April 16, 1928
April 20, 1928—PART LOT 9 BLK 1 Sub 3, Burlingame. H. C. Morin et al to G. W. Williams Co.	April 19, 1928

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

APRIL 15, 1928—PART LOT 9 BLK F, H. C. Jan die Son, Menlo Park, 1928—J. Strickland to James DeMant
 April 11, 1928
APRIL 15, 1928—LOT 2, Cough Subd, Menlo Park, L. P. Cough to whom it may concern
 April 20, 1928
APRIL 15, 1928—LOT 9 BLK 1, Burdette Subd., William J. Nulle to Morhan & N. O.
 April 18, 1928
APRIL 15, 1928—PART LOT 15, Town of Menlo Park, John J. Kinwell to Deady Bros, Inc.
 April 20, 1928
APRIL 15, 1928—LOT 10 BLK 22, Baywood Subd., N. D. Morrison to Frank J. Petter
 April 16, 1928
APRIL 15, 1928—LOTS 30, 31 AND 32, A. Meyer Subd., San Mateo, G. W. Williams Co to whom it may concern
 April 16, 1928
APRIL 15, 1928—LOT 15 BLK 32, Vista Grande, John L. Hardiman et al to whom it may concern
 April 18, 1928
APRIL 15, 1928—LOT 45 BLK 17, San Bruno, George M. Doerr et al to Jack F. Nielsen
 April 16, 1928
APRIL 15, 1928—LOT 2 BLK 21, Lot 38 Blk 27, Vista Grande, Paul B. Duernier to whom it may concern (2 completions)
 April 12, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
April 16, 1928—LOT 28 BLK 6, Vista Grande, C. Downall vs H. Keesting et al	\$60
April 16, 1928—LOT 10, Barney Park, San Mateo, A. R. Ford vs J. H. Stephenson	\$57
April 16, 1928—LOT 28 BLK 6, Vista Grande, C. Schultz vs Eleanor H. Mills et al	\$104
April 17, 1928—LOTS 21, 22, 23, 26, 27 and Part Lot 28 Blk 19, San Bruno 3rd Addition, Stansburg Contracting Co vs Charles E. Petersen	\$152.50
April 19, 1928—LOT 28 BLK 6, Vista Grande, H. H. Smith vs C. E. Mills	\$679.53
April 19, 1928—NO. 515 TEMPLETON St., San Mateo, Peter Bando vs H. Keesting et al	\$211
April 20, 1928—LOT 10, Barney Park, San Mateo, A. C. Whitson vs J. H. Stevenson et al	\$212
April 20, 1928—LOT 6 BLK 1, Menlo Park Terrace, W. C. Cook et al to Otto Boehm et al	\$100.02
April 21, 1928—LOT 10, Barney Park, San Mateo, Charles A. Wilson vs Harry Soderstrom	\$61.50
April 21, 1928—LOT 35 BLK 12, Vista Grande, George H. Tay Co vs Bert Youngs	\$193.58
April 21, 1928—LOT 28 BLK 6, Vista Grande, H. E. Romm vs E. H. Mills	\$53.75

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
April 18, 1928—LOT 10 Barney Trace, Albert Cook vs J. H. Stephenson et al	\$76.75
April 18, 1928—LOT 9 BLK 59 Easton, Cahalan Co. vs E. F. Cole	\$163.78

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

LAUNDRY
 N. SIXTEENTH ST., bet. St. John and Santa Clara Sts., San Jose. All work for laundry.
 Owner—Temple Laundry Co., Inc., 15th and St. John Sts., San Jose.
 Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.

Contractor—L. Nommensen, 28 N-First St., San Jose.
 Filed April 16, '28. Dated April 16, '28.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$48,712
 Bond, \$21,000. Sureties, A. L. Hubbard and Dan Carmichael. Limit, 125 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

NE N-FIRST ST. AND HENSLEY AVE
 being Lot 3 and ptn Lot 4 Blk 2, Hensley Addition E First St. and N Hensley Ave N on First St. 137 1/2 r a E part Hensley Ave 163 r a S part First St. 45.86 r a part Hensley Ave 8 ft. to a stake th at r a sly and part First St. 91.64 to stake in Nly line Hensley Ave r a W and alg Hensley Ave 155 to pt beg., San Jose. All work for remodeling and additions for two-story frame apartment building.

Owner—R. O. Hobson & William H. Local, 450 S-16th St., San Jose.

Architect—None.

Contractor—Tynan Lumber Co., Perry and Cortez Sts., Monterey.

Filed April 16, '28. Dated April 16, '28.
 As work progresses..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$91,000
 Bond, \$45,500. Sureties, L. M. Tynan, C. Tynan and L. C. Rossi. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
April 17, 1928—LOT 61, Studio Heights San Jose, J. A. Wagner to whom it may concern	April 17, 1928
April 17, 1928—NO. 249 S-FOURTH St., San Jose, F. P. Barry to whom it may concern	April 14, 1928
April 17, 1928—SW GUINDA ST. and SE Kingsley Ave SE 50xSW 112 1/2 Ptn Blk 97, Palo Alto, Charles Halverson et al to whom it may concern	April 16, 1928
April 18, 1928—LOT 35, Home Acre, San Jose, Ernest W. Lands et al to whom it may concern	April 17, 1928
April 18, 1928—LOT 30 BLK 4, Lincoln Gates, San Jose, C. Teigland to whom it may concern	April 17, 1928
April 18, 1928—NE SANTA CLARA & Sixth Sts., San Jose, San Jose Medico-Dental Bldg to whom it may concern. (Electric work, marble, work heating system, iron work, roofing work, glazing work, elevators, metal work, hardware, electric fixtures and plastering work; 12 completions)	April 9, 1928
April 18, 1928—W WILLOW GLEN Way 200 NE Washington Ave., San Jose, William Veith et al to whom it may concern	April 16, 1928
April 20, 1928—S 43 FT. LOT 17 BLK 1, San Jose Park Tract, San Jose, S. L. Weaver et al to whom it may concern	April 20, 1928
April 20, 1928—LOT 16 and N 2 Lot 17 Blk 1, San Jose Park Tract, San Jose, S. L. Weaver et al to whom it may concern	April 20, 1928
April 12, 1928—SW JONATHAN AND SE Pine Aves SW 204 SE 331 to beg., San Jose, Joe Hansen to whom it may concern	April 11, 1928
April 14, 1928—SE LYTTON AVE 120 NE Guinda St. NE 80xSE 72 1/2 Ptn Blk 51, Palo Alto, M. R. and Laura Kulm to whom it may concern	April 13, 1928
April 11, 1928—BEG. 5.07 NE and 341.2 NW of N Shannon Rd and line bet Lots 2 and 3, Combs Subd., San Jose Ormal W. Dodd to whom it may concern	April 14, 1928

April 16, 1928—S SAN CARLOS ST. 206 1/2 W Delmas Ave., San Jose. Frank E. Overhulse to whom it may concern
 April 14, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
April 12, 1928—LOTS 1 AND 2 BLK 3 Glen Ridge Terrace, San Jose. McAbbee & Bruegg vs F. H. Bergmann	\$55.25
April 13, 1928—26.28 AC B Ad N Wade Center line San Jose-Alviso Road, San Jose, W. Duckgeischel vs Letaro Fugikawa	\$682.85
April 18, 1928—LOT 41, Palm Tract, San Jose, David R. Williams vs Jasper Bono	\$120.20
April 18, 1928—LOTS 13, 14 AND 15 Scharff Subd., San Jose, J. Agraz vs Theodore Scharff	\$140

BUILDING PERMITS

SAN JOSE

RESIDENCE, 6-room, \$3500; Bird St. near Williams St., San Jose; owner, Giuseppe De Loi, 435 Bird St., San Jose; contractor, S. Jaccalone, 240 Race St., San Jose.
RESIDENCE, 5-room, \$5430; Morse St., near Hedding, San Jose; owner, H. Muller, 37 Buena Vista St., San Jose; contractor, J. G. O'Neil, 50 Sierra St., San Jose.
ALTERATIONS, \$1000; No. 34 S-First St. San Jose; owner, Metropolitan Chain Stores, Premises; contractor, Dyke Watton, 28 S-First St., San Jose.
RESIDENCE, 5-room, \$4400; Fifteenth St. near Jackson, San Jose; owner, Ormal Dodd, 1107 Glenn Ave., San Jose.
GARAGE with living room above, \$10,400 St. John and Sixth Sts., San Jose; owner, G. Plat, 429 N-Third St., San Jose; architect, Wolfe & Higgins, 19 N-Third St., San Jose; contractor, F. E. Gustafsen, 726 S-Seventh St., San Jose.
COMFORT station, \$1000; First and Julian Sts., San Jose; owner, Associated Oil Co., 79 New Montgomery St., San Francisco.
ALTER business building, \$5025; E-Santa Clara St. near Second, San Jose; owner, R. Rampone, 70 E-Santa Clara St., San Jose; architect, Wolfe & Higgins, 19 N-Second St., San Jose; contractor, Collision & Baker, 724 S-Sixth St., San Jose.
RESTROOM, gentleman's, \$1000; Elm & Newhall Sts., San Jose; owner, Slemons & Arnold, 710 Newhall St., San Jose.
RESIDENCE, 5-room, \$4550; Eighth St. near Washington, San Jose; owner, D. Spallone, 481 N-Eighth St., San Jose; contractor, Paul J. Moscarelli, 720 Alameda Title Ins. Bldg., Oakland.

BUILDING PERMITS

BURLINGAME

BUNGALOW, \$5250; Lot 17, Beverly Terrace Carmelita St., Burlingame; owner, E. J. Hargrave, 1106 Laguna Ave., Burlingame.
BUNGALOW and garage, \$6000; Lot 8 Blk 64, Benito Ave., Burlingame; owner, H. F. Sharp, 2133 Benito Ave., Burlingame; contractor, I. Sorensen.
BUNGALOW and garage, \$6000; Lot 6 Blk 3, Glenwood Park, Carol Ave., Burlingame; owner, Geo. Y. Martin; contractor, Pennsylvania Constr. Co., Milbrae St., Burlingame.

BUILDING PERMITS

REDWOOD CITY

Residence, one-story frame and garage, \$4000; No. 1119 Phelps St., Redwood City; owner, Peter Cullozzo; contractor, L. N. Pollard, 55 Webster St., Redwood City.
RESIDENCE, one-story frame, \$10,700; No. 936 Durlston Ave., Redwood City owner, J. W. Munday, 425 Lincoln Ave., Redwood City; contractor, H. Dabinett.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

BUILDING PERMITS

PALO ALTO

RESIDENCE frame and rustic, \$9000; No. 2223 Waverly St., Palo Alto; owner, Dr. F. G. Canine, 206 Emerson St., Palo Alto; contractor, Paul R. Smith, 160 Cowper St., Palo Alto.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

RESIDENCE OT 26 BLK 201, Second Addition to Carmel Woods, Carmel. All work for residence and garage.

Owner—Emilie C. Fox, Carmel. Architect—Guy O. Koepp, Ocean St., Carmel.

Contractor—M. J. Murphy, Monte Verde and Ninth Sts., Carmel.

Filed April 21, '28. Dated April 21, '28. As work progresses..... 75% Usual 35 days..... 25%

TOTAL COST, \$13,620

Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING

LOT 10 BLK 5, Monterey Peninsula Country Club. All work for dwelling owner—William O. Raiguel, 203 Cedar St., Pacific Grove. Architect—Owner.

Contractor—Whitcomb & Bain, Monterey

Filed April 24, '28. Dated March 30, '28.

Felt roofing completed..... 1/4

Brown coated..... 1/4

Completed and accepted..... 1/4

TOTAL COST, \$6527

Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded April 18, 1928—Accepted LOT 7 in BLK 133 Peter's Gate being a resub of a ptn of the Doud Tract and adjoining land, Monterey, Cal. A. Nastovic to whom it may concern..... April 14, 1928

April 17, 1928—BLK 325, Grove Acres. O. H. Holt to J. S. Boyd..... April 17, 1928

April 17, 1928—LOT 10 BLK 20 Riker & Jackson. A. B. McElheran to whom it may concern..... April 7, 1928

April 20, 1928—PARCEL 1 Lot 24 and SW 10 ft of Lot 25 in Blk 20 Map of East Monterey; parcel 2 lot 28 in blk 20 as per map of East Monterey. A. E. Fry to whom it may concern..... April 19, 1928

April 18, 1928—LOT 8 Blk 131 Peter's Gate, being a resub of a ptn of the Doud Tract adjoining land, Monterey Cal. A. Nastovic to whom it may concern..... April 14, 1928

April 21, 1928—LOT 7 BLK 135, Addition No. 2, Carmel. Thos C Forrest to Gottfried & Hale..... April 18, 1928

April 24, 1928—SW FREMONT St. distant 103.35 ft. from NE Cor. Fremont and Cortes Sts., Monterey. G T Marsh & Co to whom it may concern..... April 17, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded April 13, 1928—Accepted PTN LOTS 1 AND 2 Blk 1, Parsons Addition to Santa Rosa. Marion Mitchell to whom it may concern..... April 10, 1928

April 17, 1928—NEAR STONY POINT 4 miles SW of Santa Rosa. Henry Grohe to W J Meeker..... April 16, 1928

April 20, 1928—PART H. C. MACK'S Subd. William J Lindsay to whom it may concern..... April 18, 1928

LIENS FILED

SONOMA COUNTY

Recorded April 11, 1928—PART BLK 8, Morgan Bros Addition to Santa Rosa. A L and J T Overton vs W W and Rhoda Y Dearing..... \$1302.60

April 14, 1928—LOTS 18 AND 19 Plat of Fern Subd. near Santa Rosa. John Zuur vs W L and A L Overton and Reuben H Shaffer..... \$64.18

RELEASE OF LIENS

SONOMA COUNTY

Recorded April 18, 1928—Amount LOTS 18 AND 19, Fern Subd. John Zuur to A L and W L Overton and Reuben H Shaffer..... \$64.18

April 21, 1928—PTN SUBD. NO. 8, Hacienda del Rio Giff & Country Club. Henry Hess Co to J G Collins and Hacienda, Inc..... \$651.54

April 23, 1928—LOCATION OMITTED. A E Bransletter, \$45; Santa Rosa Department Store, \$45.91; Allan F Smith, \$172.70; Edward F Holtz, \$23; L H Strauss, \$41.10 to A L Overton and William Deering.....

BUILDING PERMITS

MARTINEZ

DWELLING, 4-room, stucco, \$3000; D St. near Alhambra St., Martinez; owner, D. Gianni, Alhambra and D Sts., Martinez.

DWELLING, 2-story and basement 6-room, \$6500; La Salle Unit No. 1, Martinez; owner, Stanley Surtees; contractor, Victor Pease. Martinez.

RESIDENCE, 5-room stucco and double garage, \$6000; No. 1265 Escobar St., Martinez; owner, A. Granshaw; architect, C. Shippy, 3115 Bayo Vista Ave., Alameda; contractor, Leslie Alley, 1621 Encinal Ave., Alameda.

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

STORE BLDG. SAN RAFAEL. Carpenter work, concrete work, etc., for concrete wall store building.

Owner—John and Graham McPhail, San Rafael. Architect—Frank H. Allen Inc., San Anselmo.

Contractor—Smith & Jackson, San Rafael.

Filed April 13, '28. Dated April 9, '28.

Concrete walls accepted..... 25%

Roof completed..... 25%

When completed..... 25%

Usual 35 days..... 25%

TOTAL COST, \$4519

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded April 14, 1928—Accepted SAUSALITO. Kate Gleason to whom it may concern..... April 12, 1928

April 18, 1928—FOURTH ST., San Rafael. Howard C Sparrow and Robert Lovell to Leibert & Trobeck..... April 12, '28

April 18, 1928—SAN ANSELMO. Frank H Allen Inc to whom it may concern..... April 16, 1928

April 18, 1928—FAIRFAX. M Linggi to whom it may concern..... April 17, 1928

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded April 18, 1928—Accepted LOT 5 BLK 32, Victory Park Terrace, Stockton. Delmar L Hyde to whom it may concern..... November 5, 1927

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

APARTMENTS NE COMMERCE AND OAKS STS. Lot 2 and E 1/4 Lot 4 Blk 35 E of Center St., Stockton. All work for three-story brick apartment building.

Owner—Annie Bloom and Kate Ellen, 1322 S-El Dorado St., Stockton.

Architect—None.

Contractor—L. S. Peletz, 619 E-Miaer St., Stockton.

Filed April 19, '28. Dated April 17, '28.

TOTAL COST, \$65,000

Bond, limit, forfeit, plans and specifications, none.

DWELLING

LOT 4 BLK 40 West of Center St., Yosemite Terrace subd., city of Stockton; all work 2-story dwelling.

Owner—Guido Sattui, N Ophir, St., Stockton.

Architect—None.

Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Filed April 20, 1928. Dated April 18, 1928.

TOTAL COST, \$16,545

Bond, surety, forfeit, none; limit, 90 working days; plans filed.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$4000; No. 650 N-Tuxedo St., Stockton; owner, H. H. Thurston, 438 E-Wyandotte St., Stockton.

RESIDENCE and garage, \$4000; No. 920 N-Orange St., Stockton; owner, L. M. Raabe, 19 E-Maple St., Stockton; contractor, W. E. Roberts, Woodbridge, Lodi.

RESIDENCE and garage, \$16,545; No. 1350 North Pershing St., Stockton; owner, Guido Sattui, 644 N-Ophir St., Stockton; contractor, H. W. Johnson, 1229 W-Magnolia St., Stockton.

RESIDENCE and garage, \$3000; No. 116 E-Noble St., Stockton; owner, J. M. Helterbrend, Burkett Ave., Stockton.

REPAIR fire damage, \$2020; No. 420 S-Center St., Stockton; owner, P. C. Funk, 1120 N-Pershing St., Stockton; contractor, P. M. Liscom, 327 W-Park St., Stockton.

RESIDENCE and garage, \$15,000; No. 20 E-Fine St., Stockton; owner, J. Botto and Peirano, Cherokee Lane, Stockton; contractor, Lewis & Green, Commercial and Savings Bank Bldg., Stockton.

RESIDENCE and garage, \$4000; No. 1070 W-Elm St., Stockton; owner, L. P. Hanson, 1619 N-El Dorado St., Stockton; contractor, F. P. Dobson, 1020 W-Harding Way, Stockton.

ADD to clubhouse, \$1260; Municipal Golf Links, Sharp's Lane, Stockton; owner, City of Stockton.

RESIDENCE and garage, \$4500; No. 927 W-Rose St., Stockton; owner, H. B. Gregersen, 525 N-American St., Stockton; contractor, B. T. Parsons, 1840 E-Poplar St., Stockton.

APARTMENTS, three-story, \$65,000; No. 606 N-Commerce St., Stockton; owner, Mrs. A. Bloom, 1322 S-El Dorado St., Stockton; contractor, L. S. Peletz, 619 S-Miner St., Stockton.

ADDITION to shop building, \$1800; No. 1505 Pacific St., Stockton; owner, Board of Education, Premises.

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

WAREHOUSE BORDERING ON THE AMERICAN River, Sacramento. All work for one-story brick warehouse, 200 by 200 feet; one-story concrete building and sheds.

Owner—California Co-Operative Producers, Foot of 14th St., Oakland.

Architect—Eng. Dept. of Owner.

Contractor—English Estate Co., 26 Montgomery St., San Francisco.

Filed April 19, '28. Dated April 5, '28.

TOTAL COST, \$127,534

Bond, limit, forfeit, plans and specifications, none.

BUILDING PERMITS

SACRAMENTO

RESIDENCE & garage, 6-room frame, \$4000; 940 Sutter Way, Sacramento; owner, E. R. Beebe, 2506 21st St., Sacramento.

RESIDENCE and garage, 6-room frame, \$5700; 560 46th St., Sacramento; owner, L. F. Gould, 1623 O St., Sacramento.

RESIDENCE and garage, 5-room frame, \$2675; 3216 6th Ave., Sacramento; owner, O. H. Moore, 2326 3rd Ave., Sacramento; contractor, B. H. Bill, 3254 Marshall, Sacramento.

RESIDENCE, 6-room and garage, \$3500; No. 2757 12th St., Sacramento; owner, E. P. Somer, 432 52nd St., Sacramento.

RESIDENCE, 1-room and garage, \$2800; N. 140 14th St., Sacramento; owner, F. L. Frances, 354 Stockton Bldg., Sacramento.

RESIDENCE, 5-room, \$5000; No. 3061 14th Ave., Sacramento; owner, P. and N. H. Lowden, 189 4th Ave., Sacramento.

RESIDENCE, 5-room and garage, \$1000; N. 1319 7th St., Sacramento; owner, Edward Lee, 208 J St., Sacramento.

RESIDENCE, 4-room and garage, \$2500; 141 14th St., Sacramento; owner, M. F. Faria, 2315 24th St., Sacramento.

RESIDENCE, 5-room and garage, \$1000; owner, S. E. Manley, 3311 Folsom Bldg., Sacramento; contractor, Fred Stuckart, 3027 2nd Ave., Sacramento.

BUSINESS BLDG., \$3500; 3566 C St., Sacramento; owner, F. H. Bell, 1306 30th St., Sacramento.

STORE BLDGS., two, \$6500; 1909 48th St., Sacramento; owner, Annie F. Beere, 1858 48th St., Sacramento; contractor, Thos. B. Hunt, 1510 30th Ave., Sacramento.

RESIDENCE, 5-room and garage, \$2750; No. 1119 56th St., Sacramento; owner, M. E. Flaley, 313 Delencia St., Sacramento.

REMODEL, \$65,000; No. 600 K St., Sacramento; owner, John Breuner, Promises; contractor, Campbell Construction Co., 800 R St., Sacramento.

RESIDENCES (4) 5-room and garages, \$1000 each; No. 3030-40-50-70 Tenth Ave., Sacramento; owner, Paul R. Opdyke, 3329 E St., Sacramento; contractor, Elliott & Huston, 1010 8th St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 150 31th St., Sacramento; owner, W. S. Krueger, 2512 L St., Sacramento; contractor, Paul R. Opdyke, 3329 E St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 1329 3rd Ave., Sacramento; owner, Swanston Park Syn., 607 J St., Sacramento.

REPAIRS, general, \$1800; No. 328 S St., Sacramento; owner, Chas. Dias, 515 S St., Sacramento.

RESIDENCE, 5-room and garage, \$3500; No. 2774 13th St., Sacramento; owner, E. J. Fagalde, 2774 13th St., Sacramento.

April 20, 1928—N 150 ft LOT 6 Blk 24 N Sacramento Sub., Sacramento. Sacramento Plumbing Supply Co. vs M. E. and Marie Fraley. \$192.72

April 18, 1928—N 80 ft Lot 1 K & L 16 and 17th St., Sacramento. F. L. O'Brien vs Walter J. Taylor, Reed & Bell Corp. \$336.40

COMPLETION NOTICES

FRESNO COUNTY

Recorded April 17, 1928—Accepted April 17, 1928—LOT 26 BLK 233 Fresno. George Sigrist. April 14, 1928

April 18, 1928—LOTS 22, 23 Blk 6, Fresno Hts. Henry M. Jansen. March 1, 1928

April 18, 1928—LOTS 18, 19 Blk 83 Sierra Vista Addition No. 4. A. J. Powell to whom it may concern. April 18, 1928

April 18, 1928—LOTS 29, 30 Blk 349 Fresno. Clifton Payne to whom it may concern. April 16, 1928

April 21, 1928—LOTS 15 AND 16 BLK 2, New High School Addition, Fresno. S. J. Stondemire to whom it may concern. April 20, 1928

April 19, 1928—LOTS 1, 2 Blk 1 Belridge Park, Fresno. W. H. Richmond to whom it may concern. April 19, 1928

April 19, 1928—LOT 8 BLK 12 N Park Terrace. Susie Niblo to whom it may concern. April 18, 1928

SAN FRANCISCO—Golden Gate Ferry Co., 58 Sutter St., taking bids to construct two new Diesel electric driven ferry boats; will have capacity of 85 cars each and will be run on the San Francisco-Sausalito and Berkeley lines.

SAN JOSE, Santa Clara Co., Cal.—City council adopts ordinance granting S. P. R. R. a 50-year franchise assuring a modern right of way through the west section of the city and involving a construction expenditure of approx. \$3,200,000 to start within 90 days after final passage of the ordinance. The expenditure includes a modern freight and passenger depot, in addition to grade separations and viaduct construction.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded April 21, 1928—Accepted April 21, 1928—LOT 50, Western Pacific Addition, Sacramento. Richard B and Rose P. Jackson to whom it may concern. April 20, 1928

April 21, 1928—LOT 12, St. Francis Oaks, Sacramento. Joseph Pedone to whom it may concern. April 20, 1928

April 19, 1928—LOT 188 W & K tract 33. Jay D. Haworth to whom it may concern. April 14, 1928

April 18, 1928—LOT 279 and E 20 ft. lot 210, Homeland. J. A. Saunders to whom it may concern. April 17, 1928

April 18, 1928—LOT 105 Elmhurst. Le Roy Wertz to whom it may concern. April 16, 1928

April 18, 1928—LOT 19 Blk 4 N Sacto Sub 10. Benjamin G. Evans to whom it may concern. April 18, 1928

April 18, 1928—LOT 57 W and K lot 32. Gertrude Misenheimer to whom it may concern. April 12, 1928

April 21, 1928—LOT 340, W. & K. Coll Tract, Sacramento. Mrs. A. E. Mason to whom it may concern. April 15, 1928

April 21, 1928—S 5 FT. LOT 287 and N 15 ft. Lot 288, Smith Tract, Sacramento. Henry and Rosa Schmidt to whom it may concern. April 18, 1928

April 21, 1928—N 50 FT. OF S 55 FT. Lot 287, Smith Tract No. 1, Sacramento. Henry and Rosa Schmidt to whom it may concern. April 18, 1928

April 21, 1928—LOT 1 BLK 18 SUB 3, North Sacramento. Bessie Gertrude and Vernon Johnson to whom it may concern. April 13, 1928

April 21, 1928—LOT 20, Ridgewood. Joseph Pedone to whom it may concern. April 20, 1928

LIENS FILED

SACRAMENTO COUNTY

April 18, 1928—W 1/2 LOT 2 J. K. 23rd and 14th Sts., Sacramento. A. Virsio & Joseph & Gilevich. \$90

MISCELLANEOUS BUILDING CONSTRUCTION.

Continued from Page 16

Contract Awarded.
 SPOKING PARLOR Cost, \$17,000
 COLTSA, Colusa Co., Cal.
 One-story frame and stucco undertaking parlor.
 Owner—Sullivan Bros.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and 246 S-First St., San Jose.
 Contractor—W. J. Shalz, Chico.

Plans Being Completed April 23, 1928
 CHAPEL, ETC. Cost, \$60,000
 OAKLAND, Alameda Co., Cal. Eighteenth and Grove Sts.
 Two-story hollow tile Class C chapel and undertaking parlor.
 Owner—V. C. Pagornio & Lewis, 952 8th St., Oakland.
 Architects—Harris Allen, 1924 Broadway, Oakland.
 Bids will be taken April 27th.

BUSINESS OPPORTUNITIES

Wheelbarrows. Brooklyn, N. Y. Louis Greenberg, New York Wheelbarrow Mfg. Co., Inc., 114-120 North Sixth Street, Brooklyn, New York, wish to appoint suitable agents or distributors to act as their sales representatives in this territory. They prefer contracts with parties who are acquainted with contractors, industrial plants, builders and other such industries that are buying wheelbarrows.

Manufacturers' Representation in the Chicago Territory. Chicago, Illinois. Mr. E. M. Walker & Co., 327 South La Salle Street, Chicago, Illinois, an established company having for its foundation, marine surveying, with an excellent sales department headed by a technical graduate with experience in general engineering and sales desires to supplement their efforts by the addition of agencies other than marine. They would appreciate hearing directly from

San Francisco firms desiring representation in the Chicago territory.

Buying Agents. London England, M. C. E. Martin, Director, J. R. Martin Co., Limited, 31, Budge Row, Cannon St., London, E. C. 4, England, an established firm of merchants and buying agents, having close connections with United Kingdom manufacturers, offer the services to San Francisco importers and merchants, who are interested in handling British goods.

Drawing and Surveying Apparatus. Walthamstow, England. Holmes Bros. (London) Ltd., Howard Works, Bill Road, Walthamstow, London, E. 1, England, manufacturers of scientific drawing, surveying and photographic apparatus, desire to get in touch with San Francisco buyers of that type of merchandise.

Redwood Lumber. Wellington, New Zealand. Mr. C. F. Organ, Leinster Chambers, Grey Street, P. O. Box 1225 Wellington, New Zealand, is anxious to secure the account of an independent redwood mill, which is looking for business in New Zealand.

Radio Valves. Budapest, Hungary. "Vatea," 1, Csaba Uccs 7/b. 7/c., Budapest, Hungary, manufacturers of radio valves of best quality for all purposes are desirous of extending their trade relations to this country and wish to appoint a suitable San Francisco representative.

Asbestos Shingles. Plaine St. Denis (Seine), France. Societe Francaise de L'Everite, 11 a 15 Avenue du President Wilson, Plaine St. Denis (Seine) France, manufacturers of asbestos shingles are desirous of securing the service of a distributor or agent to handle their products in this district. Representative of the company will be in San Francisco in about two months time.

Mexico Sales Representation. Mexico D. F., Hermanos Delgado, P. O. Box 188 Mexico City, Mexico, merchandise broker desires to get in touch with manufacturing companies who are interested in marketing their products in Mexico.

Lumber. San Juan, Port Rico. Sobrinos de Izquierdo & Co., San Juan, Port Rico, seeks connections with California lumber mills, which might be interested in exporting their lumber to Port Rico.

Redwood Lumber. San Jose, Costa Rica. Vincente E. Gregg, Consulting Engineer, Board of Public Works, San Jose, Costa Rica, requests quotations on rough dimension all heart clear redwood, in dimensions of 2x4 inches to 4x6 inches; and on all heart clear matched flooring. C.I.F. Puntarenas, Costa Rica. Lumber to be used for Governmental construction work in Costa Rica.

Argentina and Brazil Representation. San Francisco, Calif. Mr. Henry S. Jaudson, 823 Kohl Bldg., California and Montgomery Sts., San Francisco, Calif. (Phone Davenport 4240), leaving for Buenos Aires shortly, desires to arrange agencies in Argentina and Brazil for San Francisco manufacturers. He has excellent connections with old established firms and business men in those countries, who could profitably represent San Francisco manufacturers.

New Zealand Representation. San Jose, Calif. Bandeira & Comp., P. O. Box 372, Para, Brazil, wishes to get in touch with San Francisco manufacturers or merchants, not already represented in New Zealand, who are interested in selling their products in that market.

Hardware. Kobe, Japan. Nakayama & Co., 37 Komonoya-Cho, Hyogo, Kobe, Japan, exporters, seek business connection with San Francisco importers of Japanese products, such as lacquer wares, hardware, etc.

Mahogany and Cedar. Mexico City, Mexico. Guillermo Fink, Apartado 1000, Mexico City, Mexico, owner of a valuable tract of approximately 120,000 acres, with a section of 22,000 acres containing some 60,000 tons of mahogany and cedar of great size, the entire tract containing rubber and chicle in a wild state and therefore being suitable for growing plantation rubber and other valuable tropical products on a large scale, wishes to dispose of that property at the rate of \$8.90 per acre.

Colombian Representation. Barranquilla, Colombia. J. De D. Abello, Barranquilla, Colombia, S. A., established in business of foreign representations, directly with San Francisco manufacturers who wish to extend their business in Colombia. References supplied.



BUILDING *and* ENGINEERING NEWS

Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., MAY 5, 1928

Twenty-eighth Year, No. 18
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*

1928 EDITION

San Francisco Building Laws

Now Ready for Distribution

With the issuance of this 1928 Edition, the Building Ordinance Books heretofore published will be obsolete, inasmuch as many sections of the law have been amended and additional sections added.

The 1928 Edition contains all the revisions and additions to the code up to and including January 31, 1928.

In addition to the Building Laws, the 1928 Edition contains FIRE ORDINANCES as regards the construction industry—the ELECTRICAL ORDINANCES and RULES of the San Francisco Department of Electricity—the BILLBOARD ORDINANCE and other laws covering regulations concerning the construction interests.

Price Per Copy \$1.00

DAILY PACIFIC BUILDER

547 MISSION STREET

SAN FRANCISCO, CAL.

Phone KEARNY 1252

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

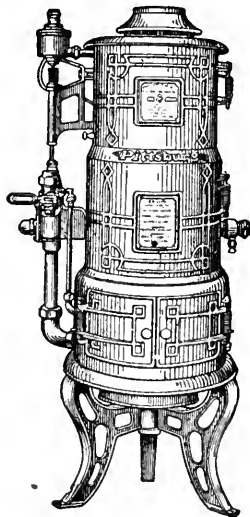
GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901.902-903.904 San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., MAY 5, 1928

Twenty-eighth Year, No. 18



547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

L. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

SACRAMENTO PLUMBERS WAGE WAR ON ILLNESS

Master plumbers and heating con-
tractors of Sacramento are starting an
intensive advertising drive and a co-
operative campaign with civic organiza-
tions and women's clubs to carry out
locally the national movement of the
plumbing and heating industries bureau
to "Make a Health Examination of
our Home."

This movement, which joins the efforts
of the medical profession to combat
diseases and their causes, was begun
recently with national advertising. Large
reproductions of the first advertisements
are being displayed in the windows of
heating contractors and master plum-
bers in the capital city.

Leading heating contractors and
master plumbers point out that serious
bacterial infections often have their
beginning in insanitary plumbing equip-
ment, while colds and pulmonary dis-
eases usually are traceable to in-
efficient heating methods within the
home.

Regular check-up and examination
services will be rendered to Sacramento
residents by plumbers and heating con-
tractors. Frequently they will be able
to make suggestions that will lead not
only to health conservation, but also to
actual savings in money.

APRIL BUILDING SUMMARY

Building operations in San Francisco
for the month of April, 1928, represent an
expenditure of \$3,701,861. During the
month 744 permits were issued, as com-
pared with 963 permits in April, 1927, for
improvements costing \$4,939,212.

Following is a report of April activi-
ties:

Class	Number	Total
A	1	\$ 90,000
B	1	1,000,000
C	15	318,650
Frames	273	1,765,870
Alterations	452	332,052
Public	1	105,289
Harbor	1	90,000
Total	744	\$3,701,861

WEB STRESSES IN REINFORCED CONCRETE BEAMS STUDIED

Bulletin No. 175 of the Engineering
Experiment Station of the University of
Illinois contains the report of an in-
vestigation the purpose of which was to
study the action of web reinforcement in
overhanging or restrained beams in which
there are both positive and negative
bending moments.

A large proportion of the reinforced
concrete beams used in buildings and
other structures are continuous or at
least partially restrained beams. The
simple beam has been used for test pur-
poses principally because of ease of
making and testing; however, there has
been some question as to whether the
data obtained from tests of simple beams
will apply equally well to restrained
shearing unit stress in the restrained
beam in general is subjected to higher
shearing stresses in proportion to the
flexural stresses than a simple beam.
Thus, if the beam section is governed by
consideration of flexural stresses, the
shearing unit stress in the restrained
beam will be considerably higher than
in the simple beam. It is important to
know how high a shearing stress may be
allowed in design and under what con-
ditions of reinforcement satisfactory action
of the beam may be assured. At present
rather high allowable shearing stresses
are being advocated when certain re-
quirements are met as to the design of
the longitudinal and web reinforcement.
The results of the tests in this bulletin
should serve to indicate some of the re-
quirements necessary to the attainment
of high shearing stresses.

The tests were made on fifty-nine re-
strained beams of reinforced concrete, of
a size comparable to that of beams com-
monly used in buildings and other struc-
tures. The tests were arranged to pro-
duce conditions of restraint similar to
those found in continuous beams. Ex-
tensive strain measurements were made
at regular increments of load on both
longitudinal and web reinforcement.
The measured strains obtained in the in-
vestigation have been invaluable in show-
ing definitely what was the primary, and
what the secondary cause of failure, as
well as indicating the potential web re-
sistance of beams that failed in different
ways.

Copies of Bulletin No. 175 may be ob-
tained without charge by addressing the
Engineering Experiment Station, Urbana,
Illinois.

STATE WILL NOT MAINTAIN COUN- TY HIGHWAYS IN N. Y.

A bill providing for the maintenance of
county highways at the sole expense of
the state, passed by the Legislature of
New York, has been vetoed by Governor
Smith. In a memorandum accompanying
the veto the Governor said:

"The object of the bill is to relieve the
towns from paying the \$50 per mile tax
and the villages from paying the 1½c.
per sq. yd. tax which they now pay to-
ward the maintenance of state highways.
If the policy of our state department of
highways were bad, I would approve this
bill, but I am informed by the depart-
ment of public works that our policy is
not only good for the state but for the
local communities, since the cost of main-
taining the ordinary earth road is more
than \$50 per mile."

COLONEL SAWYER APPOINTED TO WOOD UTILIZATION COMMITTEE

Secretary Hoover has appointed Col. D.
H. Sawyer, of Washington, Secretary of
the Associated General Contractors of
America, to membership on the National
Committee on Wood Utilization of the
Department of Commerce. This organ-
ization, of which Mr. Hoover is chairman,
includes about 140 manufacturers, dis-
tributors and consumers of wood, as well
as other technical experts working for a
more complete utilization of the tree.

Colonel Sawyer has been prominent for
years in the construction field, and is a
director of the American Society of Civil
Engineers. He will represent the As-
sociated General Contractors upon the
committee in the aspects of its program
dealing with the use of wood in building
and construction. As the principal com-
mittee activity in this field, at the pres-
ent time, is the compilation of a most
complete manual on the use of wood in
construction, he has been assigned to the
control committee supervising prepara-
tion of this important publication.

RIVERSIDE CEMENT STOCKHOLD- ERS TOLD OF NEW PLANS

Stockholders of Riverside Portland Cem-
ent Company, one of the outstanding
leaders in that industry, have been ad-
vised in detail of the plans for the forma-
tion of a new Delaware corporation carry-
ing the same name as the California
company. The Delaware corporation, ac-
cording to a letter to stockholders from
Griffith Henshaw, chairman of the board
of directors of Riverside Portland Cem-
ent Company, will have a capital struc-
ture consisting of 70,000 shares of first
preferred stock, 240,000 shares of class
A stock, and 400,000 shares of class B,
all of which is without nominal or par value.

Upon completion of the organization,
Henshaw announced, the California com-
pany will be liquidated as rapidly as pos-
sible and stockholders will receive one
share of first preferred, four shares of
class A stock and four shares of class B
stock of the Delaware corporation for
each share of stock now held in River-
side Cement Company of California.
More than 5 per cent of the stockholders
have sanctioned the reorganization.

It is understood that the new preferred
will pay dividends on the basis of \$6 per
annum and the class A \$5 per annum,
payable quarterly instead of monthly, as
has been the case with the present issue
of Riverside stock.

GERMAN ARCHITECTS EXHIBIT BALL-SHAPE HOUSE

A spherical house, designed by the
Munich architect Peter Birkenholz for
the Dresden exposition, is declared to
point the way to relief from traffic con-
gestion in cities. The height of the
globular structure designed by Birken-
holz is 98 feet, and its diameter is 82
feet. It rests on a base 16½ feet wide,
with four lower stories for business of-
fices and an upper hemisphere for apart-
ments, with a cafe at the top. Birken-
holz says that with ball-shaped houses
it will be possible to lay out streets
three times as broad as modern thorough-
fares. Other advantages he claims are
access of light and air from all sides and
unobstructed perspective from any point
in the structure.

EARTHQUAKE INSURANCE RATES ARE PROTESTED AT STATE BUILDERS' MEET

By E. W. Shaw, Secretary, California State Builders' Exchange.

Industrial Relations Committee To Study Standard Wage Scale—Organization Committee In Southern Section Reports Progress—Northern Organization Committee Named—Quantity Survey To Be Studied by Committee—President Sanford Points Out Need of Legislation—"Intention To Build" Proposal Discussed—Standard Building Code Endorsed—Grand Ball Is Feature of Convention.

The third quarterly conference of the California State Builders' Exchange was held in order at 2:00 P. M. Friday, April 27th, 1928, in the Assembly Hall of the Hotel Lincoln, Stockton.

Mr. E. H. Grogan, president of the Stockton Builders' Exchange, welcomed all present and introduced Mr. Charles Ashburner, City Manager for the City of Stockton. Mr. Ashburner spoke as follows:

"We are always glad to have such meetings as this held in our city, for the reason that it gives us a different point of view and will let some of you take back to your homes a vision of our city."

"Stockton is a city that has wonderful ambitions. For the size of the community I think it is wonderful—the desire we have to progress—the will that we have to do big things in this community."

"We are planning our deep water channel. For seventy years Stockton has dreamed of making an inland port here. Today the situation is that this project has been approved through both Houses of Congress—has been approved by the President. Stockton's money is ready and has been ready for three years, waiting for the Government to put up their money."

"We welcome you to our city. We know who you are because we know with whom you associate."

"I know something about the troubles you have had—something about the problems—but you have so many more appliances to work with—so many more advancements."

"I hope that your conference will be a benefit to you, if that is the case it will be a benefit to us all."

President Sanford Presides

President E. H. Grogan, Stockton Builders' Exchange, next introduced Mr. P. M. Sanford, President of the California State Builders' Exchange, expressing his appreciation of the great service being rendered to the Building Industry by this organization. President Sanford accepted the gavel with thanks and took charge of the meeting.

President Sanford said, "Just before our City Manager goes I would like to say to him that we have none other than the finest words of praise for the hospitality being shown us by the people of Stockton."

"We are going to transact something in the State Builders' Exchange that will be of benefit to Stockton as well as the whole State. We are going after this as earnestly as we can."

Those In Attendance

The Secretary called the roll, and the following delegates and guests were present: P. M. Sanford, Richmond; Geo. T. Boyer, San Francisco; J. M. Burke, Stockton; S. J. Cinnamond, Napa; J. E. Flannery, Stockton; Mano Zamm, Los Angeles; Geo. Finney, Los Angeles; R. E. Grogan, Stockton; E. H. Grogan, Stockton; Walker Harrison, Stockton; Ralph C. Hogan, Los Angeles; Geo. W. Israel, Pasadena; Fred W. Jackle, Napa; C. E. Kennedy, Stockton; Albert Le Roy, Oakland; F. L. Marks, Stockton; Wm. E. Thompson, Stockton; A. J. Nolder, Santa

Barbara; Wm. F. O'Keefe, Stockton; J. S. Peletz, Stockton; Chas. W. Pettifer, Long Beach; D. H. Schoebel, Stockton; Wm. Shifflett, Napa; Chas. F. Thompson, Stockton; J. H. Vickers, San Francisco; Joe Waugh, Santa Monica; Harry Reynolds, Stockton; E. W. Shaw, Oakland.

O. H. Chain, Stockton; H. L. Sweeney, Santa Barbara; E. D. Bass, Stockton; H. J. Capion, Oakland; R. B. Tomlinson, Stockton; Carl Hokholt, Stockton; Arthur Piddle, San Francisco; J. E. Odgers, San Francisco; Geo. R. Gage, Stockton; Emil Brown, Los Angeles; James Walker, Richmond; Leonard C. Dexter, Richmond; E. P. Dobson, Stockton; N. W. Tatterson, San Francisco; J. A. Wagner, San Jose; Wm. J. Feary, San Francisco; T. M. Robinson, Fresno; P. M. Powell, Stockton; Harry Cayford, Fresno; W. F. Neider, Stockton; Robt. Davidson, Stockton; W. B. Hogan, Stockton; Harry Hanson, Stockton; Carl Overaer, Richmond; E. H. Higgins, Richmond; W. H. George, San Francisco; D. Farquharson, San Francisco; William Wright, Stockton; W. Herman, San Jose; John Pittendagh, Pasadena; Wm. Loesch, Pasadena; A. H. Wilhelm, San Francisco.

The Secretary read the minutes of the last quarterly meeting which was held at Fresno, January 14, 1928, which were approved as read.

The Secretary read a letter from Mr. E. P. Smith, of Fresno, Manager of the San Joaquin Light and Power Co. He also read a telegram from Geo. W. Peltier, President of the Sacramento Chamber of Commerce, and H. C. Bortorff, City Manager of Sacramento, inviting us to hold the next conference at Sacramento. The Secretary was instructed to extend them our vote of thanks for their kind invitation, which it will be impossible for us to accept at this time.

Industrial Committee Reports

The Chair called for the report of the Industrial Survey Committee, better known as the Industrial Relations Committee, as follows:

"Your Industrial Survey Committee beg to report as follows:

"That the Industrial Survey or Relation Committee, after a careful study of the work that local Industrial Relation Committees are doing in stabilizing industrial conditions in the building business for the State in advising local members and agents against adoption of agreements with labor that will disturb the industrial conditions of the State. In protecting our membership against injury by the adoption of rules by our employees or others that would injure their business, advising and gathering information for distribution among our membership, your committee believes that by applying this principle thru the State Exchange thru their Industrial Relation Committee much good can be accomplished."

"We further recommend that all local Exchanges that have not organized local industrial relation committees be instructed to do so at once."

"We also recommend that in the future appointing of Industrial Relation Committees that the committees be as representative as possible."

Standard Wage Scale

"We have given considerable study to this subject. We do not find a great difference in wages paid in various parts of the State. There are

considerable differences in various sections in the wages of certain crafts. We find much misinformation spread about wages in various sections. Much of this propaganda can be offset by the proper distribution of information of actual conditions and wages in the various sections of the State."

"As the standard wage scale idea is new to many of our local Exchanges who desire more information and believe that more study should be given it, we recommend that the matter be placed in the hands of the Industrial Relations Committee who shall gather more information on the subject and release same to the various Exchanges at their request for their investigation in their local study of the subject, and the subject be given further consideration at our future meetings."

The Industrial Survey Committee is composed of: H. L. Sweeney, J. M. Burke, Wm. T. Loesch, and Geo. T. Bowen.

Mr. H. L. Sweeney of Santa Barbara Chairman, reported as follows: "We gave considerable study to this situation. We came to the conclusion that the Industrial Relation Committee of the State Exchange handling the industrial situation of the State could be made the live wires through which the President of the Exchange could function between meeting times."

Industrial Committee Advantages

"The contracting business, as well as contractors and employees are being helped. Also the Industrial Relation Committee gives us an official body that is able to take up the various questions with bankers, financiers, and others, with regard to helping to solve our problems. We believe that this Industrial Relation Committee can be made a real live thing for the State Builders' Exchange. We feel that this matter should be given further study, and should be able to stop a great amount of propaganda going on."

A motion was made by Mr. Loesch and seconded by Mr. Robinson for the adoption of this report from the Industrial Survey Committee. Motion unanimously passed.

Work of Organization Committee

Geo. W. Israel, of Pasadena Exchange, Chairman of the Exchange Organization Committee, Southern Division, reported great progress throughout the Exchanges of Southern California, as they all work together in the Presidents' and Secretaries' Conference which meets once a month at the various Exchanges. Whenever they feel there is a chance for a new Exchange to be organized they all lend a hand and put the job over. Mr. Israel recommended that a similar organization be formed in the northern part of the State to function along similar lines through the Exchanges in this section of the State, and co-operate with their Conference.

O'Keefe Reports on Vocational Education

The Chair called for a report from the Vocational Education Committee. Mr. Wm. F. O'Keefe, Stockton, Chairman of this committee, reported at some length on this subject. This was followed by a general discussion in which practically all delegates present took part, each one giving a different viewpoint on the subject. The committee was instructed to go further into the subject and make a

comprehensive report at the next meeting of the conference. A motion made by Mr. Burke, of Stockton, the duly seconded, the Secretary was instructed to write to all the various organizations, such as Radio K. G. W., Stockton; Daily Pacific Builder; the Stockton Daily Independent; the Stockton Record, and thank them for their services in making this meeting a success. Motion carried and so ordered.

Quantity Survey Discussed

President Sanford introduced Mr. Al. Le Roy, Oakland, who made a short speech on the Quantity Survey system. He explained the operation of the Quantity Survey and the benefits to be derived by the contractors in the building business. Various questions were asked Mr. Le Roy regarding the Quantity Survey, which Mr. Le Roy explained fully. The matter was discussed pro and con for several minutes. The meeting was then open to discussion on this matter. Mr. Walker, of Richmond, Mr. Israel, of Pasadena; Mr. Burke, of Stockton, and others spoke on the question of Quantity Survey. A motion was duly passed and so ordered that a committee be appointed to investigate further into this matter and report at the next meeting.

George On By-Laws

Mr. George, San Francisco, was called on to make a report on his committee on Constitution and By-Laws.

Mr. George said: "As far as the committee on the Constitution and By-Laws is concerned there is nothing new except an amendment. We propose that the Constitution and By-Laws be amended Article 4 Section 1, as follows:

"Each constituent body paying an annual per capita tax on more than 100 members shall be entitled to six delegates. Each constituent body paying an annual per capita tax on less than 400 members shall be entitled to three delegates. Each constituent body represented at any regular or special meeting shall be entitled to vote the full number of votes which such constituent body is entitled to."

Legislation Needed

Under new business President Sanford said: "What we need is legislation that will make more secure the legitimate contractor in his business. The biggest question before us is how we can protect our business—how we can eradicate some of the evils that are ever apparent. It has been thought by several that there is only one way that we can ever get proper backing in this business. There must be some way in which the man who has fitted himself for the business can enter into that business and conduct it with some assurance of success other than that which we have at the present time. It seems almost impossible for that man who is fitted for business and is qualified to make a success of his business. There are but few men in business who are competent to do so in his business. Good men are not responsible for that. The building field has been an open field. I have had a great many letters written to me since our meeting in Fresno asking that the thing we consider in this meeting is the matter of legislation—how we can protect the interests of our building business—now we can protect the man who is legitimately created in it and is capable of attending to his business.

"I understand the sentiment of all those engaged in the business—not only contractors but material men too, are looking for some sort of legislation that will protect their business.

"That is what we are here for. If we can't recommend some way to make our building business more profitable and better for those engaged in it I don't think our State organization will do much for us if it can't do this.

"I will be very pleased to appoint a committee to work on this question of legislation to protect the interests of those in the building business. We want to know if it is legislation that is required."

A discussion followed in which Mr. Homan, Mr. Sweeney, Mr. Grogan, Mr. Dexter, Mr. Loesch, Mr. Cinnamond, Mr. Israel, Mr. George and Mr. Farquharson took part.

The meeting adjourned at 5:20 P. M. "Intention To Build" Act Is Considered

The meeting opened at 9:20 A. M. Saturday morning in the Assembly Room of the Hotel Lincoln, Stockton. President Sanford stated that the first order of business would be the request of Mr. Israel, of Pasadena, for an endorsement by this body of the Notice of Intention to Build Act as drawn up by Mr. J. W. Morin, attorney of Pasadena. It was moved by Mr. W. H. George and seconded by Mr. Farquharson that we endorse the Notice of Intention to Build Act subject to it being referred to our Law and Legislative Committee, they in turn to take it up with Mr. Morin personally and present their recommendations to the next Conference. Motion carried and so ordered.

Standard Building Code

The Chair called on Ralph Homan, Chairman of the Building Code Committee, for his report. The Secretary read the report as follows:

"Your Committee has made a survey of what is being done in this State in regard to a standard building code and finds as follows:

"We believe that the subject has now been thoroughly aired, that all interests have been coordinated and that the general anxiety of all those interested is for a speedy production of the standard building code.

"We are heartily in sympathy with the efforts thus far made along the line but believe the building fraternity has not been sufficiently or properly considered.

"We, your Committee, therefore urgently suggest that the State Builders' Exchange do pass the following resolution and forward it at once to the California Development Association:

Resolution Adopted

RESOLVED that inasmuch as the building fraternity must be governed by any standard building code that may be adopted, that the State Builders' Exchange respectfully requests that the Builders' Committee of six appointed by the President of the State Builders' Exchange be added to the California Building Code Committee working under the auspices of the California Development Association, and that it be

FURTHER RESOLVED that in the interest of accomplishment and harmony that a contractor be added to the editors of the standard building code, and be it

FURTHER RESOLVED that in the interests of speed that a contract should be entered into with the editing committee of three thus constituted to produce the standard building code within a given time and that their remuneration be fixed to be paid to them upon the completion of the work.

"Your committee duly moves the adoption of the above resolutions and asks that a copy of it be sent at once to the California Development Association, Attention of Mr. Chas. S. Knight, Director, Industrial Department."

It was moved by Mr. George and duly seconded that the report of the Building Code Committee be adopted as submitted. The motion was carried and so ordered.

The Secretary then read a statement of Receipts and Disbursements to date covering the finances of the State Exchange.

Educational Plan Considered

The Chair called on Mano Zan, Secretary-Manager of the Los Angeles Builders' Exchange, for a short talk on an educational plan as put into effect by the California Real Estate Board. It was moved by Mr. Zan, seconded by Mr. Feary that a committee be appointed to investigate the proposition and to present a plan whereby the California State Builders' Exchange can utilize a similar plan to the one in use by the Real Estate

Board, and report back to the next meeting of this organization. The motion was carried and so ordered.

The Secretary read two telegrams, both inviting us to hold the next conference at Pasadena, one from the Hotel Huntington and the other from the Secretary of the Chamber of Commerce of Pasadena. The Secretary was instructed to write them expressing our appreciation for their kind invitations and tell them we are unable to avail ourselves of the same at this time.

Santa Barbara Gets Meet

Mr. Sweeney renewed his invitation for the next meeting to be held in Santa Barbara, stating they had already made plans for it. It was moved by Mr. Robinson and duly seconded that the next meeting be held in Santa Barbara. Motion carried unanimously.

It was moved by Mr. Serpa, of San Jose, and duly seconded that the following meeting after Santa Barbara be held in San Jose. Motion carried and so ordered.

Earthquake Insurance Rates

Mr. George presented the following resolution:

"The California State Builders' Exchange in convention duly assembled this 28th day of April, 1928,

"RESOLVES that the earthquake insurance rates now in force as promulgated by the Board of Fire Underwriters of Pacific is

"1. Entirely out of line as compared with earthquake insurance in the East and other places.

"2. That it is bad advertising for the State of California.

"3. That it puts a serious unnecessary burden on the owner who intends building.

"4. That it puts an unreasonable burden on the intending borrower for the purpose of building.

"5. That it puts an unreasonable burden on the intending renter of buildings.

"6. That present earthquake insurance rates are based on erroneous information in some sections of the State.

"THEREFORE BE IT RESOLVED that the California State Builders' Exchange in convention duly assembled respectfully urges the Board of Fire Underwriters of the Pacific to reconsider the proposition and readjust these rates to the end that they may be consistent with rates charged in other places and proper protection to the owner which they are not now, as the owner must carry 10 per cent of earthquake damage under the deductible clause, and

"BE IT FURTHER RESOLVED that the Secretary be instructed to send a copy of this resolution to the Board of Fire Underwriters of the Pacific and respectfully request their attention and reply thereto."

It was moved by Mr. George and seconded by Mr. Farquharson that the above resolution be adopted. Motion carried and so ordered.

It was moved by Mr. Homan and duly seconded that the date of the next meeting to be held in Santa Barbara be left to the President and the delegates from Santa Barbara to decide. Motion carried and so ordered.

It was the consensus of opinion that each fully accredited delegate be allowed a vote but it was unanimously decided that there would be no voting by proxy for another Exchange other than he is a member of.

It was moved by Mr. George and duly seconded that we hold a one-day session at the next meeting, with committees meeting the day before to complete their reports. Motion carried and so ordered.

Organization Committee Named

The Chair announced the appointment of the Exchange Organization Committee for the Northern Division as follows: Harry Cayford, Fresno, Chairman; Henry J. Capion, Oakland; E. H. Grogan, Stockton; Emil Hoberg, San Francisco; Wm. F. Serpa, San Jose.

Resolutions Adopted

The Secretary read the resolutions as

CONSTRUCTIVE CRITICISM OFFERED TO REGULATE BUILDING INDUSTRY

BY J. W. MORIN

Suggested legislation, prepared by Mr. J. W. Morin, attorney of Pasadena, is submitted to the Builders' Exchanges of California and other organizations interested. Mr. Morin has taken a great deal of time in correspondence with the many classes at interest in this remedial legislation with a view to interesting all organizations which may be affected by its passage. Careful consideration and constructive criticism and suggestions are solicited by the author. Mr. Morin's work in connection with this measure has received the endorsement of the Presidents and Secretaries of Southern California Builders' Exchanges.—EDITOR.

presented by the Committee on Resolutions reported by the Chair, as follows:
RESOLUTION NO. 1.

We, the Joint Legislative Committee appointed at the third State Conference of the State Builders' Exchange of California, do hereby respectfully submit the following resolutions:

That we do hereby endorse and commend the Builders' Exchange of Stockton for the wonderful business meeting and entertainment program furnished during the two-day session of the Conference of the State Builders' Exchange.

Especially do we mention the personal work of the Stockton Exchange, their President, E. H. Grogan, and Secretary-Manager, Miss Ada Jackson, and the splendid words of welcome addressed to us by the Honorable Mayor Raymond J. Wheeler, and City Manager, Chas. E. Ashburner.

We heartily endorse and feel that we are voicing the sentiment of every delegate, member, and all present that it has been a more than successful meeting.

RESOLUTION NO. 2.

That this meeting of the State Exchange members fully realizing the value of the support of the daily press in all worth while movements, do commend the liberal way in which the Stockton Daily Independent and Stockton Evening Record have so generously given of their columns in connection with our general work and especially in Stockton.

RESOLUTION NO. 3.

"That, we as your committee, feeling we speak with full appreciation for the assemblage on the wonderful work and earnest endeavor being subscribed to the State meeting by our efficient President and State Builders' Exchange.

RESOLUTION NO. 4.

"That we have received with appreciation the report of all committees pertaining to the great work that must and will be accomplished in the working out of the great and grand principle embodied within the word 'Association,' and as pertaining to the State Builders' Exchange of California."

The above resolutions were offered by: George W. Israel, E. H. Higgins and Henry J. Caplan.

On motion duly seconded the resolutions as read were adopted. Motion carried and so ordered.

It was moved by Mr. Israel and duly seconded that we give a standing vote of thanks to those responsible for making this meeting the most successful yet held.

There being no further business the meeting adjourned at 12:35 P. M.

Friday evening after adjournment the delegates, their wives and friends assembled in the Municipal Auditorium where an elaborate banquet was held. About 250 persons were present.

E. H. Grogan presided as toastmaster, introducing Mayor Raymond J. Wheeler, who spoke on the State of California, the great building state. He also told of the deep water way proposed for Stockton harbor.

State President P. M. Sanford spoke on the aims and ideals of the California State Builders' Exchange.

Ralph Homann, president of Los Angeles Builders' Exchange, extended greetings from the Southern California Exchanges with a few appropriate remarks.

W. H. George, president of the San Francisco Builders' Exchange, answered for the exchanges of Northern California on the splendid work being done.

Wallace Harrison of the Yolland Ice & Fuel Co., entertained by singing three solos. Mr. J. R. Burke, Jr., rendered several selections on a hand saw, using a violin bow. John F. Muldowney, accompanied by his wife, rendered a number of solos mostly of his own composition.

Following the banquet members and guests adjourned to the main floor of the auditorium where dancing was enjoyed until midnight.

For many years the building industry, which is the largest industry in the State, has been regulated under a rather elaborate mechanic lien law, designed with a particular view to the protection of laborers, materialmen and contractors, with one way out for the owner about as wide as a needle's eye, to-wit, a narrow method by which through the prior filing of contract, specifications, blue prints and fifty per cent surety bond, and the meticulous following of the exact details of these exhibits through construction, the owner might protect himself from having to pay more than the contract price of the structure.

It has become increasingly evident to all business interests, however, that the law leaves much to be desired, in that while the certain interests in the building industry have protection for their services and materials furnished, there are two other classes of persons involved in the building industry who, under the present methods of regulation, get little or no protection, to-wit, the honest owner and the honest investor in building finance paper.

At the last meeting of the Legislature there was considerable pressure in the direction of the taking care of a peculiarly weak point in the building industry by the regulation of incompetent and dishonest contractors, and at that time the most apparent method was to follow the precedent set by brokers, that of licensing and bonding.

Bonding Is Not Answer

After mature consideration, however, it has come to be the better thought of many of those concerned in the improvement of conditions, and it is at the present time the opinion of the writer that perhaps the bonding of a contractor is neither feasible nor an answer to the desire for the adequate regulation of the contractor, and in the meantime an interesting thing has occurred in that the real estate fraternity have themselves started a movement to abolish the bonding of brokers, but to retain their regulation and discipline through other measures. Taking a leaf from the experience of the real estate fraternity, therefore, who have been through this matter for some years, it would now appear to be feasible to consider seriously the regulation of the contractor in ways other than by mere surety bond.

Opportunities For Destruction

The contractor under the present state of the California law has a greater opportunity to do destruction to the business and property interests of his customers than perhaps any other class of business man in the community. The banker, the home building concern, the trust company, the executors and administrators, lawyers, real estate brokers and almost every class of person who handles the or property interests of another, is subject to supervision, regulation and discipline in a more or less adequate way. With the contractor, however, there is no present regulation. Any person can be a contractor who is over the age of twenty-one years, of either sex, and of any nationality. He need know nothing about building; he need have no property; he need not be solvent; he may be a convict with a prison record. He has the power to commit his customer to an enterprise in-

volving intricate details which neither he nor the customer may understand, and some of the details may involve performance of technical services which in themselves are regulated by law, as for example, plumbers and electrical workers. It is one thing to regulate a contract, as he should be regulated. It is another thing to leave the situation as it now is, where the law merely says "sue the contractor after the damage has come and let us see you try and get it."

Irresponsibles Go On

The curious thing is that irresponsible contractors continue to go about the business in given communities for years notorious in their incompetence or the dishonesty, and yet there is no present way of stopping them, so that they will stay stopped. Attachments and judgments roll off of them, like water off a duck's back, and for a customer to become involved with an incompetent and dishonest contractor is an infection with trouble, as if a healthy person were to come in contact with a yellow fever patient. In other words, the crooked, incompetent contractor means nothing but grief for everybody and anyone with whom he comes in contact, involving jobs that are past, jobs that are current and jobs that are in the future all in common mess. Many of them keep no books, no statement of assets and liabilities; some do not keep a bank account; keep their property and their reputation in their wives' names and defy the world to come and analyze their true financial situation, and these contractors are not always small contractors nor their operations inconspicuous. Some of them are ambitious, and many are visionary, and they are at the bottom of losses involving millions of dollars in Los Angeles County alone.

License Proposed

License—It is, therefore, obvious that something should be done, that contractors should be licensed for regulation, not for revenue, that a nominal registration fee should be charged, and that the license should be granted more or less as a matter of course; but withdrawn upon proof of certain gross offenses. In order that there be no danger of manipulation or favoritism, there is no practical difficulty in letting proof of the wrongful acts be submitted to a court of law in the usual way, and let the court decide whether or not the offense has occurred. It would seem that certain minimum rules should be observed.

First: That a contractor must keep books showing at least his assets and liabilities, to the end that in case of tangles over building jobs wherein he is not in a position to pay his losses, creditors involved should know of a certainty that money has not mysteriously disappeared, but has been honestly lost. United States rules make it an offense for a bankrupt not to have kept books, and a contractor, above all classes in society, should know his condition; and those with whom he deals, if a financial tangle results, are entitled to this information also.

Second: Proof of loss due to gross incompetence should justify discipline.

Third: Fraudulent substitutions in disregard of specifications.

Fourth: Diversions of funds from one

customer to another, knowing oneself to be insolvent at the time.

Fifth: Failure to follow specific directions from a customer for the application of payments made in pursuance to contract, for the contractor is constantly in the position of receiving money for a certain specific payment on a specific job, and by withholding information to the materialman by merely giving a payment of money, permits the materialman to make application of this money to an earlier and unsecured account, to the astonishment and disgust of a customer who learns only by sad experience that he is stuck, and that this same materialman can come back and will collect for his mechanic lien account, which the customer, of course, thought he had paid. These different offenses might be described in more or is aggravated form, and should readily justify a court in either suspending or terminating without further recourse the right of contractor to contract.

The suggestion is made to the building fraternity at this time for what it is worth, but a law along this line should be put upon the statute books, for the protection particularly of the honest owner. Incidentally, of course, it will tend to reduce the losses of laborers, materialmen, sub-contractors and all other persons involved in the industry.

Notice Of Intention To Build

As a second suggestion, however, the idea is advanced that a method should be found for the regulation of scheming owners who are sometimes as troublesome to the industry as irresponsible contractors, and the present state of the law is utterly inadequate to reach the responsible owner of a building project, and to that end the notion of requiring a verified layout of the title of the property prior to the beginning of construction is advanced. This has been the subject of more or less discussion for some months in the building fraternity, and is commonly denominated as a Notice of Intention to Build.

It is felt that if, prior to the beginning of construction, the owner of property or some person acting with knowledge of the facts, and by the authority of the owner, files a verified statement in the Recorder's Office, containing the information hereinafter set forth, that it will form a convenient method of estimating the set-up of the project prior to the furnishing of labor or materials. This notice should give the name and address of the owner, the name and address of each and every encumbrancer, that is, holders or mortgages and/or deeds of trust, and a statement as to whether or not the monies have been advanced under these encumbrances, or if not advanced a general statement of the terms and conditions under which the advances are to be made. For example, in case of one or both of them being so-called building loans and dependent upon the progress of construction, the condition of the building specified to exist as each payment is to be made should be set forth. A payment due when plastering is completed if set forth of record, is a convenient method for those who are invited to furnish material to advise themselves as to when money is to be forthcoming. They do not need to take anyone's word for it, or gossip; they can look to the record, if a payment is made in anticipation of plastering, instead of when the plastering is actually done, it then becomes a permanent payment under the encumbrances, and in that case would likely be subordinated to the materialman who was misled by this premature payment. It is not claimed that a verified notice so recorded would necessarily at all times be a statement of truth, but a great majority of citizens will not knowingly sign and record a false statement. The law should require that all persons who conspired to make such a false statement filed should be subordinated in their interests to

those persons who were injured in reliance thereon.

ADDITIONAL EFFECT

This notice of intention will have an additional effect, which may not at first seem apparent, and that is that persons who are invited to purchase the mortgages and/or trust deeds, commonly known as building construction paper, will have a source to which they can go for any reference, and have an additional bit of evidence to sustain them in their assumption that in buying building construction paper that they are buying bona fide and valid obligations that are really what they purport to be on their face. At the present time, as is commonly well known, a person who buys a mortgage and/or deed of trust, buys something which is only guaranteed by a Title Company to be regular insofar as the record is concerned. As a matter of fact, there may be all sorts of conditions existing not of record which tend to affect the paper and to embarrass the parties concerned therein. There are numerous instances of junior liens, particularly, which do not represent actual bona fide transactions to the full amount of their face, but represent inflated and watered transactions, usurious transactions, and all manner of weird ideas, and after a person buys such paper, oftentimes through paying the face value thereof, they are buying a law suit. There is no logical reason why the building construction paper growing out of this large building industry should not be at least as good as other legitimate commercial paper. If it were as good as ordinary commercial paper, there would be a favorable reaction upon the industry, and everyone concerned therewith. It would permit the building industry to be more readily financed and it would very strongly tend to smoke out and eliminate, by these methods suggested, the irresponsible owner and the kiter of inflated, usurious or otherwise irregular building construction paper.

The writer therefore suggests this second notion of a Notice of Intention to the first notion of Licensing of Contractors For Regulation, as to companion ideas for the advancement, security and prosperity of the industry, and for the welfare of the general public directly or remotely concerned therein.

Intention To Build

"Prior to the beginning of any work or construction and not more than ten days prior thereto, there shall be filed in the office of the County Recorder of the County wherein said real property is situated, a notice in writing duly verified upon the oath of the owner or some other person acting for and on behalf of the owner and with his authority, having knowledge of the facts, which notice shall be called A Notice of Intention to Build; said notice shall be in writing, shall contain a legal description of the property upon which it is proposed to erect said improvement sufficient for the ready identification thereof, the name and address of the owner or owners thereof and the nature of the so-called owner's title, whether the same be in fee or held under contract or otherwise; also the names and addresses of all persons holding encumbrances against said property and the amount and nature thereof, and also a statement as to whether or not the amounts represented by the obligations referred to in said encumbrances have been advanced or not, and if not, in general terms the conditions under which said advances are to be made. Any persons who shall enter upon the erection of a building or improvement or other structure under the terms of this Act, either as owner or contractor, without the declaration of intention to build having first been recorded shall be deemed guilty of a misdemeanor and any person who willfully makes a false statement in said declaration of intention or shall conspire to fur-

nish a false statement in a declaration of intention to be recorded shall be guilty of a misdemeanor and his right, title and interest, if any, in said property shall also be subordinated to any other claimant who may be injured thereby.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1613-S BUILDING INSPECTOR, under 50, not less than 10 years' experience of a general nature in the construction of all classes of buildings, at least 4 years of which must have been in responsible charge as general foreman or supt. of construction, or the equiv. 4 years credit in experience will be allowed for suitable engineering training. Apply by letter. Salary \$250-300 mo. Location, California.

R-1623-S ENGINEER, 28-30, with some sales experience; preferably in machinery line to train for sales promotion executive. Must be a good talker, writer and mixer and free to travel. Salary \$225-275 month. Headquarters, San Francisco, but will eventually be Northwest.

X-4630-R-1552-S SALES ENGINEER, preferably technical graduate about 35, with sales and construction experience to estimate and detail structural steel and ornamental iron work for fabricating shop. Some travelling. Apply by letter, giving references and photograph. Salary about \$250 a month to start. Location, Kansas.

X-4318-C-S LUBRICATION SALES ENGINEER, single, not over 35, graduate mechanical engineer with practical experience in mill and railroad lubrication to make plant surveys and recommendations. Apply by letter. Headquarters, New York City. Location, Orient. Salary open.

R-1565-S ESTIMATOR, with at least 3 years' experience where he specialized on automatic sprinkler system and fire protection work. Salary open. Local.

X-3810-C-S SALES ENGINEER, for company manufacturing high tension insulators for power and transmission companies. Single man preferred. Apply by letter. Headquarters New York City. Location, South America.

PORTLAND BUILDERS ROW OVER LICENSE LAWS

Excessive city restrictions have made home building a difficulty in the city and have reduced the value of real estate, the Portland, Oregon, city council was told by Fred S. Wilhelm, attorney, in opposing the examination, licensing and bonding of contractors.

On the other hand, the council was told that the small home owner is being short changed because of the irresponsibles in the building industry, and that the city restrictions are necessary to make certain the homeowner gets what he pays for.

"Building of homes has become complicated in the city and is getting to be more and more of a mystery," said Mr. Wilhelm. "You have the building code, the housing code, the electrical code, the plumbing code and now you are planning a furnace code and a roofing code. You can't go on forever putting restrictions on the use of property and jeopardizing real estate values. In many parts of the city one can buy lots for only the cost of the improvements. Is there any incentive for one to invest any real estate under such conditions as that?"

THE OBSERVER

What He Hears
and Sees
On His Rounds

Compared with the past few years the phenomenal increase in average height of metropolitan office buildings is a phenomenon may be said to be one of our million-population cities. Quite recently there has come a new increase of maximum building heights which are advancing into a new era. Not long ago 20 to 25 stories was the effective maximum, but now 40-story projects are numerous and within the last two months several pyramid or tower buildings of some 50 stories have been announced. One of these is planned for 61 stories, a height of 800 ft., topping by a safe margin the Woolworth tower, which is still the world's tallest office structure. Thus is the skyscraper continuing its onward and upward march. Only two decades have passed since the erection of the famous Singer, Metropolitan and Woolworth buildings. But while these older works of surpassing boldness were mainly monuments to family or commercial pride, the current projects have a purely economic basis. Each primarily owes its existence to the fundamental truth that rising property values and constricted building areas justify increasingly taller structures for adequate investment return. But there are some essential auxiliary factors. Due to the resources of modern engineering, steel framework and long-run elevators are practicable to heights far beyond those yet attained. Again, it has developed that building costs do not increase greatly with height. And finally, business men nowadays will travel to a 50-story height as readily as to one of 25 stories, and will pay as much or more rental at the higher level. With these conditions in control, the limit of height increase is not subject to present prophecy. We may be certain, at any rate, that the limit will not be set by technical inability to build higher.—Engineering News-Record.

A five-day week, affecting more than 2,000 workers, will be inaugurated in Assembly Park, N. J., on May 5 through an agreement just reached between the Monmouth County Building Trades Council and the Master Builders Association. Following a joint meeting of the two organizations, it was announced that the arrangement will be kept in force until Dec. 31, 1928, and if it proves satisfactory, will be extended for another year. The hope was expressed that subsequent arrangements may include an upward revision in the wage scale to offset the difference between the weekly wage which will be received under the new scheme as compared with that of the 5 1/2-day week. The arrangement has been under consideration for more than a year and was definitely advocated by the Assembly Park Building Council about three weeks ago. The final approval of the arrangement includes all of Monmouth County.

San Francisco County of San Francisco voted bond of \$11,000,000 to finance purchase of George V. Box Water Company's property to operate in connection with Hetch Hetchy Municipal water project. The issue was voted 51,377 votes in favor as compared with 1,942 against. Bonds of \$21,000,000 also voted to finance construction of the Hetch Hetchy project. This proposal was voted 51,377 favorable votes as compared with 1,942 against.

Sale of the National Magnesite Company, Redwood City, to the Celite Company, with headquarters at Lompoc, Cal., is announced by C. E. Miller, retiring president of the Redwood City industry, one of the largest in San Mateo County. The price was reported at more than \$500,000. Miller, one of the largest stockholders in the company which manufactures building material and insulation for boilers and steam pipes, will no longer be interested in the business, although Manager Elmer S. Hurrell will remain in his present post, it was announced. President August Fitger of the Celite Company becomes managing director of the magnesite manufacturing plant. A development program which will include additional buildings and new machinery to cost more than \$200,000 was announced by President Fitger. There will be no change in the personnel of the present force at Redwood City which includes about 200 men including office workers and executives.

Pacific-Atlantic Lumber Corporation will be formed shortly by Charles Nelson Co., Sudden & Christenson, St. Paul & Tacoma Lumber Co. and Charles R. McCormick Lumber Co. The new concern will not be a merger, but an independent shipping firm organized to cut shipping costs to the East. Articles of incorporation will be filed in Delaware with 10,000 shares of no par value.

J. D. Tennant, president of the West Coast Lumbermen's Association has classified as "very satisfactory" the current barometer of the association's business, which for the week ending April 21 shows for 115 mills a production of 127,628,099 feet, new business of 149,213,941 feet, and shipments of 116,831,316 feet. For the first sixteen weeks of this year the report from an average of 113 mills is: Production, 1,831,969,384 feet; new business, 1,979,686,535 feet, and shipments, 1,778,838,437 feet.

An intensive highway safety campaign designed to cut down highway accidents which exacted a toll of 141,437 lives during the six years previous to 1928, will be planned during the annual meeting of the American Road Builders' Association which convenes in Washington, D. C., May 11. A meeting of the County Highway Officials' Division will be held the following day. It is pointed out by the Association that the accidents are the result of the failure of the human machine rather than errors of engineering or mechanics. The major cause of highway accidents and the estimated number resulting from each during 1927 were listed.

Wage scales in the Canadian building trades are not yet decided, though reports are current that certain trades will demand increases. This is already noted in Winnipeg where the bricklayers have requested \$1.50 an hour and a five-day week. At present the scale is \$1.25 with 5 1/2 days. The request of the bricklayers is said to be presented annually. So far the Winnipeg Builders' Exchange has taken no action one way or the other in the matter. The carpenters', plumbers', painters', and other building trades unions have asked the Builders' Exchange to meet them for the purpose of discussing wages and working agreements, but have not made any specific demands in regards to wages.

A survey completed by an Eastern university reports that strikes in 1927 were reduced 75 per cent compared with 1917. The high wage scale paid skilled workers throughout the country is attributed for this reduction.

Construction of a transcontinental rapid transit highway, designed to speed motor transportation between the Atlantic and the Pacific coasts and curbing accidents, is called for in a bill Representative Henry R. Rathbone of Illinois filed in the House. Under the measure President Coolidge would appoint a special commission to recommend a route.

The senate committee on commerce ordered a favorable report to the senate April 17 on the bill (S. 2475) designed to create a "prosperity reserve" by making appropriations available for undertaking public works in periods of industrial depression. The bill was introduced by Senator Jones (Rep.) of Washington, chairman of the committee. A total appropriation of \$140,000,000 would be authorized by the bill, the money to be spent during periods when it had been ascertained and reported to Congress by the President that the volume of construction contracts during a three-month period had fallen 10 per cent below the average for the corresponding three months of the three preceding years.

Dissension among Seattle building trade unions is still rife as the referendum to determine the stand of the organization on the five-day week proposal gets underway. The carpenters' union appears to be unalterably opposed to any agreement which might prevent the making of an issue of the five-day week for the next three years. This was indicated by an unofficial count of the votes of four locals on the question, union officials declare. Officers of the Building Trades council have refused comment until all votes from all crafts are counted on May 4.

The American Society of Mechanical Engineers, at its spring meeting in Pittsburgh, May 14 to 17, is to award its Holley medal to Elmer A. Sperry of Brooklyn for his achievements in the invention of gyroscope. The medal was endowed in 1925 by George R. Rockwood, a past vice president of the society, to honor the memory of Alexander Lyman Holley, one of the organization's founders. It is awarded "for some great and unique act of genius of an engineering nature that has accomplished a great and timely public benefit."

California Building & Loan Reserve Corporation, capitalized for \$3,000,000, has been incorporated. The principal place of business is San Francisco. Directors are: C. E. Tucker, H. C. Jones, W. M. Sontheimer, S. C. Symon, H. A. Stern, P. A. Oliver and others.

Motor vehicles registered in all of Russia totaled 21,035, as of July 1, 1927, according to figures furnished the U. S. Department of Commerce, 78 per cent being stated owned, 7 per cent co-operatively owned, and 15 per cent privately owned. Figures compiled by the American Motorists Association show that this is one motor vehicle to every 6723 inhabitants in Russia, compared with one automobile to every five persons in the United States.

TRADE NOTES

George M. Frisbie and Mintie Eliza Frisbie will operate from 1625 Filbert street, Oakland, under the firm name of Nottingham Heating and Ventilating Co.

Street Illumination and Construction Co., of Reno, Nevada, capitalized for \$1,000,000, has filed articles of incorporation in Oakland. Directors are: M. F. Taylor, L. Robinson, E. Barkeloo, and D. Wilson, all of Reno.

Hobbs, Wall & Company's sawmill and logging operations on Mill Creek at Crescent City started operating on a 5-day week basis May 1 and will continue indefinitely.

Otto A. Boehm, contractor of Menlo Park, has filed a voluntary petition of bankruptcy with liabilities of \$30,025 and assets of \$26,275. Martin M. Friedman, Oakland contractor, filed a like petition stating liabilities at \$29,425 and assets at \$3,856.

Sawmill at Hobart Mills, Nevada county, has started the Summer run. Logging camps have been operating about ten days. The mill when running at capacity cuts about 170,000 feet of lumber a day and operates about six months out of each year.

Electrical Products Corporation net earnings for the quarter ending March 31 amounted to \$57,250, after all charges, compared with \$42,000 for the same period last year. The regular quarterly dividend on the preferred stock was declared, payable June 30 to stock of record June 25. The dividend rate is 1 1/4%. The expected action looking toward inauguration of dividends on the common stock did not develop, although it was discussed. Definite action on this phase was postponed until the next meeting, probably in June.

W. B. Jones, formerly with the Baugh Hardwood Lumber Co. of Los Angeles, is now manager of the Jones Hardwood Co. of San Francisco, succeeding his brother, Nelson Jones, who is now giving his time to commercial aviation.

Redwood is seeking its share of business in the Argentine, in company with other Pacific Coast woods, and the result of the trial parcel sent to the River Plate last year are being watched with interest by exporters. This shipment made by the Redwood Export Co. of San Francisco, to its agents, Juan y Jose Drysdale, comprising several hundred thousand feet, was well advertised in leading newspapers of Buenos Aires.

Members of the building fraternity of Stockton, as guests of the Stockton Lumber Company, were addressed April 24 at the Hotel Lincoln, Stockton, by Tom V. Sawyer, sales manager of the Celotex Company in the Pacific Coast district. O. F. ("Doc") Folsom, district representative, was a guest of honor. Sawyer spoke on general business conditions, cited home building activities and pointed out the value of house insulation. Chas. G. Bird, manager of the Stockton Lumber Company, was also a speaker.

California Construction Co., general engineering contractors, formerly occupying offices at 58 Second street, was moved to larger quarters at 225 Bush street, San Francisco.

ALONG THE LINE

James Glenn Day of 1839 Catalina Ave., Berkeley, has been granted a certificate to practice architecture by the California State Board of Architecture, Northern District. Arthur D. Janssen, 8152 Fairfax Ave., Oakland, was also granted a certificate.

Newly elected officers of the Modesto Chapter, American Association of Engineers, presided for the first time at a luncheon meeting of the chapter, April 26. Officers are: S. J. Van Winkle, president; T. B. Townsend, vice-president, and S. E. Courtney Jr., secretary-treasurer.

NORTHWESTERN TERRA COTTA TAKES OVER ADVANCE PLANT

Official announcement is authorized by The Northwestern Terra Cotta Company of the purchase of the Advance Terra Cotta Company located at Chicago Heights, Illinois. The Northwestern Terra Cotta Company now owns and operates four terra cotta plants and one crucible plant. The latter is the Chicago Crucible Company located at Chicago. The four terra cotta plants are located at Chicago, Chicago Heights, St. Louis and Denver. The new plant at Chicago Heights considerably increases the facilities of The Northwestern Terra Cotta Company, already the largest, as well as the oldest manufacturer of terra cotta in the world.

The story of this institution is one of the romances of business. When it was founded sixty years ago the capital investment represented only a few thousand dollars. Today its worth and resources run into several million dollars. Starting with a working force of a dozen people more than half a century ago, the company now employs in excess of 2000 men in its four plants.

The present officers of The Northwestern Terra Cotta Company are: Gustav Hottinger, President; H. J. Lucas, Vice-President and General Manager; George P. Fackt, Vice-President-Assistant General Manager; George W. Van Cleave, Vice-President-Sales Manager; George G. Lawson, Vice-President-General Superintendent; John G. Crowe, John Fackt, J. P. Foraker, R. F. Grady, Charles H. Sierks, Vice-Presidents; Adolph F. Hottinger, Treasurer; Arthur H. Kaepfel, Secretary-Assistant Treasurer; Stephen E. Hurley, George Williams, E. J. Dykes, Assistant Secretaries. Mr. Herman Pronger, former president of the Advance Terra Cotta Company, will join the Northwestern organization as a vice-president.

The history of The Northwestern Terra Cotta Company has been marked by unique events in the annals of American business. In 1923 a \$4,000,000 interest in the company was turned over by the then owner and present chief executive, Gustav Hottinger, to a group of executives and workmen who under the long years of his guidance had helped to build the business to its present position in the industry.

In March, 1928, Mr. Hottinger's contribution of \$50,000 was the deciding factor in the establishment of an Industrial Art School in Chicago. The Art Institute will supply space for the school, which is the second of its kind in this country. It will train American modelers and sculptors for service in all the different industries employing talent of that character.

HERE — THERE — EVERYWHERE

Progress in Foreman Training (Bulletin 127) has been issued by the Federal Board for Vocational Education, Washington, D. C. The bulletin covers a study of the results of eleven leader-training conferences conducted by the federal board during the years 1926 and 1927. The bulletin sells for ten cents, and is obtainable from Sup't. of Documents, Government Printing Office, Washington, D. C.

San Jose city council has been petitioned to adopt the uniform building code sponsored by the Pacific Coast Building Officials' Conference. Those urging adoption of the code included R. O. Summers, general contractor; Ralph Wyckoff, architect, M. C. Woodruff, city building inspector and Wm. Barkuloo, secretary of the Surety Building & Loan Association.

Richmond Builders' Exchange at the May 31 meeting will nominate officers to serve for the ensuing year. Installation will be set for the June meeting.

San Mateo County Contractors' Association has appointed a committee to draft a set of rules and code of ethics for dealing with architects.

Sacramento Builders' Exchange had adopted the policy of the more active construction organizations throughout the country in issuing a weekly "Exchange Bulletin." The current issue advises the members of plans on file in the exchange headquarters and is followed up with a summary of contemplated construction of interest to builders in the Sacramento district.

Directors of the Napa County Builders' Exchange in organizing for the ensuing year, elected Wade Shifflet president. Other officers chosen were: Henry Vienop, vice-president; William Noble, secretary, and C. C. Money, treasurer. The directorate is composed of: John Cinnamond, Wade Shifflet, E. W. Doughty, Fred Jackle, Frank Pond, A. McNear, Henry Vienop, Thomas Jessiman, William Noble, S. H. Wyckoff and C. C. Money.

ARTHUR BROWN IS HONORED WITH EXPOSITION COMMISSION

Arthur Brown Jr., San Francisco architect, who designed the Horticultural building for the Panama-Pacific Exposition, has been selected as a member of the architectural commission for the World's Fair and Centennial to be held in Chicago in 1933. This is the second signal honor to come to Mr. Brown from Eastern sources, his selection as a member of the United States Board of Architectural Consultants having been announced last June.

Architect Brown is a former member of the firm of Bakewell & Brown. He was the only Westerner to be named on the United States board selected to prepare plans for rearrangement of the Government buildings in the Big Triangle, Washington, one of the largest construction projects in the Nation's history.

Among the notable structures designed by Mr. Brown are San Francisco's City Hall, Pacific Gas & Electric Building, California School of Fine Arts and a number of the buildings at Stanford.

Four other architects of the East were named.

APARTMENTS AND FLATS ACTIVE IN CONSTRUCTION—DWELLINGS DECLINE

A comparison of the erection of apartments and flats and a corresponding decline in the building of dwellings in the Pacific Coast states for 1926 and 1927, just completed, is shown by S. W. Straus & Co., San Francisco.

The following table gives the construction costs totals for building operations authorized, as reported to S. W. Straus & Co. by building department executives:

	Individual housing	Multi-family housing	All other buildings	Total annual buildings
1926				
Seattle	\$ 11,165,020	\$ 5,207,200	\$ 17,835,480	\$ 34,207,700
Portland	11,851,170	5,615,800	12,091,645	32,588,875
Oakland	11,076,095	3,021,674	13,977,526	28,075,295
San Francisco	17,332,199	10,347,751	30,273,998	57,953,948
Los Angeles	45,007,959	19,126,251	58,872,005	123,006,215
San Diego	10,120,111	1,201,517	8,380,071	20,001,729
Total	\$109,852,844	\$14,550,193	\$141,430,725	\$295,833,762
1927				
Seattle	\$ 9,464,525	\$ 7,282,900	\$ 12,322,655	\$ 29,070,080
Portland	9,885,360	2,669,000	16,119,095	28,972,455
Oakland	6,082,070	2,966,056	11,746,543	20,794,669
San Francisco	11,926,069	13,959,954	18,146,825	47,032,848
Los Angeles	39,211,681	22,866,436	60,949,022	123,027,139
San Diego	6,977,630	1,120,190	6,153,555	14,251,375
Total	\$ 86,517,335	\$ 50,861,536	\$125,737,695	\$263,149,566

LOS ANGELES CONSIDERING NEW TILE ROOF COVERING SPECIFICATION

A new specification for tile roof covering has been approved by the Building and Safety Commission of Los Angeles to supersede the one adopted about a year ago, according to the Southwest Builder and Contractor. Some features of the first specification were not satisfactory to all interests and the new one has been revised to meet any objections to the former. If the new specification works out to the satisfaction of the trade and to the city it will be embodied in an ordinance. In the meantime inspectors will require all work to be in conformity to it. The specification which was drafted by C. Makutehan, research engineer of the Building and Safety Commission, follows:

Tile of any description used for roof covering shall not absorb more than 15 per cent of the dry weight of tile immediately after immersed in water for 18 hours.

All tiles classified as one-piece tile shall be securely nailed and or wired to supporting roof construction. Two-piece tile classified as top or cover-tiles and trough or under-tiles shall be applied as follows: On roofs not exceeding one-third pitch all such cover or top tiles shall be securely nailed and or wired to supporting roof construction, and all tiles including trough or under-tiles in first lower course at eaves and at all hips and ridges shall be securely nailed and or wired to supporting roof construction. All other trough or under-tiles shall be nailed or wired to the supporting roof construction or shall be securely interlocked and held in place to prevent displacement in a manner that each such trough or under-tile shall have its lower end about the upper end of cover or top tile immediately below. On roofs exceeding one-third pitch each cover or top tile and each trough or under-tile and or separate pieces thereof shall be securely nailed and or wired to the supporting roof construction.

Any type of one-piece hook-tile made interfittingly with lug or lugs at one end thereof may be used on roofs as herein prescribed, providing the lug or lugs and the tile are at least five-eighths inch thick of the same material, project at least three-quarter-inch below the bottom surface of tile and the lug or lugs shall extend and extend across 50 per cent of the width of tile. Such hook-tile shall be applied as follows: All such tiles shall be securely nailed and or wired to supporting roof construction on such roofs all tiles shall be securely nailed and or

wired to the supporting roof construction or effectively hung or hooked with projecting lug or lugs over substantial wooden or metal strips not less than 1x2 in. Each such wooden or metal strip shall be securely attached or nailed at least every 24 in. to the supporting roof construction. On roofs exceeding two-thirds pitch each such hook-tile shall be securely nailed and or wired to supporting roof construction; provided, however, that on roofs not exceeding a one-third pitch there may be used an approved type of one-piece hook-tile with lug or lugs approximately one-third the width of tile, or an approved type of combination hook and inter-locking tile laid so as to overlap and effectively interlock with tile next immediately below thereof.

Tiles of every description and/or separate pieces thereof required to be attached immediately below at least 3 in.; except that approved tile which effectively interlocks with tile next immediately below may be laid to overlap not less than 2 in.

Tiles of every description and/or separate pieces thereof required to be attached to supporting roof construction shall be securely nailed with copper nails or wired with copper wire of not less than No. 14 & X gauge, and when wired and nailed copper nails shall be used; except that, on roofs not exceeding one-third pitch, when tiles are nailed only, galvanized wire nails may be used. All nails shall penetrate the supporting roof construction at least three-quarters of an inch after passing through tile or effective fastening device; provided, however, that in lieu of the wire and nails herein specified other fastening devices may be used in case such devices are first approved by the Board of Building and Safety Commissioners. The requirements prescribed in this section relating to wiring and or nailing of tile shall not be deemed to apply to flat-surfaced tile laid flush, used to ornament and face concrete roof slabs or other masonry roof backing, provided such tiles are firmly embedded in the concrete or other masonry backing with cement mortar or are otherwise attached in an approved manner that will prevent displacement.

Except where open construction is desired, as over porches and eaves, before the tile is laid the wood sheathing or similar roof deck shall be covered with at least one layer of felt saturated and coated roofing that weighs not less than 12 pounds to the 100 sq. ft.; or, in lieu thereof, the covering shall be one layer of 30-pound asphalt impregnated rag felt, or two layers of 14-pound asphalt impregnated rag felt well mopped with hot asphalt between the laid two layers of felt. Such roofing, or felt, shall be laid to overlap so as to readily shed water.

STATE TO WAGE SAFETY CAMPAIGN IN BUILDING INDUSTRY

Aroused by the large number of deaths and injuries to workers in the building industry of California, due to the lack of proper safety inspection, a campaign of safety is to be launched by Will French, state director of Industrial relations.

In 1924, 1925 and 1926, declared French, there were 463 men killed while engaged in building and engineering construction in this state; 556 employees were permanently injured and 53,875 sustained temporary injuries.

"As the industrial accident commission," said French, "does not have the men nor the money adequately to cope with the serious situation, it has been decided to enlist the wholehearted support of employers, employees and insurance companies in a campaign to reduce the accident toll."

"It is believed the response to the call of co-operation will be general. What can be done is illustrated by the construction of several of California's largest new buildings. For instance, the splendid new twenty-six-story administrative structure of the Pacific Telephone and Telegraph Company in San Francisco was built under the watchful eye of a safety engineer."

"Not one life was lost in the building there were no serious accidents and the contractors secured a substantial return on the insurance premium because of the fine experience. It used to be claimed that each floor of a skyscraper would be baptized with blood."

BOOKLET TO TELL OF GRADE MARKING OF LUMBER

The National Committee on Wood Utilization of the Department of Commerce today announces early publication of a bulletin on the grade marking of lumber.

Grade marking, it is explained in the booklet, means placing on every piece of lumber a stamp or mark indicating its quality or grade, for the purpose of assuring consumers that they receive what they specify and pay for. This can best be done at the sawmills, because every mill has an expert grader who classifies the lumber according to specifications under American lumber standards.

The Committee has long advocated grade marking because it has found that most consumers of lumber are unable to tell one grade from another. This naturally results in wasteful and inefficient use of lumber.

Grade marking is not a new idea, some lumbermen having practiced it for several years, to the benefit of their business, so they report; and European lumbermen have been grade marking for a century or more. But it has not been universally practiced in all lumber districts in America.

"Grade Marking of Lumber, For The Consumers' Protection," the new pamphlet, will soon be available for distribution at a nominal price. It has been written expressly for the benefit of consumers and explains the many advantages of using properly grade marked lumber.

STANDARD ISSUES FOLDER

To stimulate interest in bathroom color Standard Sanitary Manufacturing Co. has issued an attractive folder, showing the eight shades in which Standard enameled and vitreous china fixtures are available. This folder features the original bathroom designs by Standard, and brings out the harmonies available in the use of color for fixtures, dressing benches, shower curtains and seats. Stools, seats and benches are available in nine shades, with the additional shades in mother-of-pearl effect.

DAY LABOR BILL OF ASSOCIATED GENERAL CONTRACTORS RECEIVES O. K.

The Campbell bill, a congressional measure sponsored and supported by the Associated General Contractors of America, which has as its purpose the curbing of the increasing tendency of federal agencies to handle governmental construction work by the day labor system, has been favorably reported to the house by the committee on the judiciary.

The measure as it rests before the present congress holds generally the same form in which it was presented to the last session. The house committee on the judiciary reported the bill favorably during the closing days of the last session, but the rush of legislative activity which always characterizes the closing hours of a congress made postponement of "the big drive" until the present session a wise move.

Members of the association are urged to make a careful study of the report, full text of which follows:

Text of Bill

"The committee on the judiciary to whom was referred the bill H. R. 5772, after hearings and consideration reports the same favorably and recommends that the bill do pass.

"The hearings on this bill held in the sixty-ninth congress developed that there was a universal demand for the carrying out of the principles of the bill. At these hearings there appeared 22 men representing the construction industry. They came from all sections of the country, including Wisconsin, Alabama, Pennsylvania, New York, California, Illinois, Michigan, Missouri, Minnesota, Washington, Arkansas, Louisiana and Massachusetts.

"Not one appeared before the commit-

tee expressing opposition to the principles involved. The hearing disclosed that the proponent of the measure, Representative Campbell, of Pennsylvania, in answer to questionnaires sent to state highway and city engineers in different sections of the country, disclosed that 89.7 per cent of the whole amount expended for public and private construction was by competitive-contract system, leaving but 10.3 per cent by day labor. This clearly indicated that the competitive-contract system is the commercial practice as well as the general state and city practice. This is ample proof of its worth and that the American people desire the government to do as little as possible of this work and as much as possible should be done by private concerns and individuals.

To Curb Practice

"We believe the enactment of this legislation into law will retard and prevent encroachment on the part of governmental agencies and lessen the disposition to encourage day-labor construction in competition with private concerns and corporations.

"The late World war afforded sufficient opportunity for observation on methods of governmental work to fully fix the policy, or, rather, demonstrate the wisdom, of following the principles involved of the legislation proposed.

"The construction of public works in the United States approximates two billion annually. This sum will increase rather than decrease. The soundest and most economic system should be employed. We feel that the enactment of this legislation is a guaranty of the best and most economic plan to follow."

SPRING VALLEY CALAVERAS DAM HELD TO BE MENACE

Immediate inspection of the Calaveras dam of the Spring Valley Water Company in Alameda County, which was claimed to be of questionable construction and constituting a hazard to some 7500 people living below it, is asked by William H. Ford, San Francisco capitalist in a letter to State Engineer Edward Hyatt Jr.

Ford said the dam was built against the advice of Herman Schussler, consulting engineer for the Spring Valley Water Company, and that it constitutes a continual menace to the towns of Niles, Centerville, Newark and Alvarado, and possibly Sunol and Decoto, and the entire area between the Calaveras dam and the bay.

Further, he told the state engineer, that when only a comparatively small amount of water had been backed up behind it, the upper half collapsed, but has been rebuilt.

Hyatt, however, has informed Ford his office was without jurisdiction to inspect the structure. Reservoirs built by public utilities are controlled by the railroad commission. Those works of municipalities or municipal districts and the federal government also are beyond state inspection.

Ford, in his letter to Hyatt, named William Mulholland, the engineer who had charge of the planning and construction of the St. Francis dam which collapsed last month with a loss of life exceeding 400, as the engineer for the Spring Valley project whom, he said, advised and planned construction of the Calaveras bulwark against the recommendations of his consultant.

NATIONAL SPECIFICATION PROPOSED FOR REFRIGERATORS

The establishment of national specifications for domestic refrigerators to permit their purchase on the basis of quality and performance is to be undertaken shortly by a technical committee representing manufacturers, dealers, purchasers, government departments and all other interests concerned, it is announced by the American Engineering Standards Committee, under whose auspices the work will be conducted. A general conference of all interests concerned with domestic refrigerators, called on March 30 at the request of the American Home Economics Institute and the American Institute of Architects, voted unanimously in favor of standardization work under the procedure of the Standards Committee. The general conference decided that standardization activities, for the present at least, would be devoted chiefly to ice boxes and other refrigerators which may contain units operated by gas or electricity.

ROOFING SLATE REVISIONS ARE NOW IN EFFECT

A sufficient number of written acceptances having been received for Simplified Practice Recommendation No. 14, roofing slate, recently revised by the industry, the Division of Simplified Practice of the Department of Commerce, announces that the project is now in effect, as of February 1, 1928, subject to annual revision or re-affirmation by the industry. Eighty per cent of the known manufacturers, distributors and organized users, must accept the recommendation in writing before it can be placed in effect by the Department of Commerce. This recommendation was originally developed January 23, 1924, and has been in effect with satisfactory results since July 1, 1924. A factual survey conducted by the standing committee revealed an average degree of adherence to the recommendation of 98 per cent. This project established a simplified list of 48 items, whereas previously there were 98 items in use.

RIGHT PAINTING OF WOOD TOLD BY FORESTS PRODUCTS LAB.

Paint blister can be prevented by care in seeing that wood is dry before putting on the first paint coat and by care in constructing houses to see that moisture does not seep through from the interior to the exposed face of the exterior siding, according to a bulletin of the Forest Products Laboratory of the United States Department of Agriculture.

Blistering and peeling of paint, according to the bulletin, results when the wood in contact with the paint coating becomes wet. Ordinarily it is impossible to get the lumber wet after a good coating of paint has been applied, but where an outer surface only is covered, as in the siding of houses, moisture caused by contrast of room and wall temperatures may percolate through the boards from the inside and cause bubbles or blisters to arise on the coated surface.

Wood in the air dry condition, roughly containing from 10 to 15 per cent of moisture, is below the danger line and within the fibre saturation point, the bulletin states.

"The variations in the moisture content of commercially dried lumber as it is delivered to the job are hardly likely to be great enough to lay any of it open to danger of paint peeling," it says, "unless there has been some very gross departure from accepted standards of good practice in handling it. When blistering and peeling has been observed the large amounts of moisture required to cause it have almost always appeared to have gained access to the wood after its delivery to the job."

Wood that has been allowed to take up moisture after delivery to the job may or may not have soaked up enough to

cause early blistering of the wood, but it may weaken the adhesion of the entire coat of paint and become apparent later in cracks or peel in long shreds. The bulletin advises delay in painting where the wood has become wet until the weather has had an opportunity to thoroughly dry it.

Winter building is not conducive, under ordinary circumstances, to a good paint job result. Special note is made of the likelihood of such construction being occupied and heated before the walls have had a chance to dry. Then the drying process becomes an artificial one in which warm interior heat forces the moisture of plaster walls out through the house siding, a direct method of producing blistering under the exterior painted surface. Drying of new houses by opening doors and windows is advocated because this method permits circulation of air of nearly the same temperature as that of the outdoor atmosphere, and not only is the dampness carried off on the inside air currents, but no new moisture is caused from wall and room-interior temperature contrasts. Single coat painting on winter built construction is also encouraged where it is possible to let the completing of the painting job go until the warm weather has had a chance to thoroughly dry the outside lumber or siding.

"In many cases where there has been no peeling and only small blisters have developed," says the bulletin, "it may be possible to repaint without removing the original coating. Before doing so, care should be taken to see that the walls are thoroughly dry, so that there will be little likelihood of a recurrence of the difficulty."

Building News Section

APARTMENTS

Work Completed
APT. BLDG. Cost, \$35,000
OAKLAND, Alameda Co., Cal., Merritt
Ave. 30.
Three-story and basement frame and
stucco apt. bldg. (18 3-room apts.),
terra cotta tile roof.
Owner—None withheld.
Architect—Irwin M. Johnson, Thayer
Bldg., Oakland.
With certain electric refrigeration, in-
stalled, steam heat, oil burner, 20-car
lift, with turn table.
Bld. will be taken in about three weeks.

Preparing Working Drawings.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, Greenwich Street.
Six-story reinforced concrete apartment
building (10 2- and 3-room apts.)
Owner and Builder—Bell & Sylvester,
2029 Ocean Ave., San Francisco.
Architect—D. A. Jackle, 395 Justin Drive
San Francisco.

Permit Applied For
APARTMENTS Cost, \$150,000
BERKELEY, Alameda Co., Cal., Dwight
Way and Ellsworth St.
Six-story reinforced concrete apartment
building (50 2- and 3-room apts.)
Owner—J. T. Fletcher, 479 Kentucky Ave.,
Berkeley.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

LOS ANGELES, Cal.—Architect F. A.
Brown, 1189 W. Washington St., preparing
plans for a ten-story Class A apts.
to be erected at 1915 N. Wilcox Ave. for
B. W. Morning; 90 apts., 67x172 ft.; re-
inforced concrete construction; cost,
\$100,000.

TACOMA, Wash.—Architects Sutton,
Whitney & Dugan, Tacoma, preparing
plans for \$250,000 apts. to be erected for
Oscar F. Volk, local plumber, in Tacoma
Ave.; will be 5-story, 80 by 120 ft., brick,
containing 82 2-room apts.

Grading & Steel Sash Contracts Awarded
APARTMENTS Cost, \$150,000
SAN FRANCISCO, N. Pine, E. Gough.
Six-story and basement Class C apart-
ment building (18 apts.)
Owner and Builder—Chas. A. Laughlin,
419 Gough St., San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

**Grading—L. Devincenzi & Co., 118 Blake
St., San Francisco.**
**Steel Sash—Trucon Steel Co., Sharon
Bldg., San Francisco.**

Sub-bids are being taken on other parts
of the work.

Plans Being Prepared.
APARTMENTS Cost, \$—
SAN FRANCISCO, N. Pacific Ave. 49 E.
Webster St.
Twenty-story Class A apartment building
(Cl. 1 and 5-room apts.)
Owner and Builder—Jesse D. Hannah,
27 Sansome St., San Francisco.
Architect—Edward E. Young, 2002 Cali-
fornia St., San Francisco.

Planned
APT. BLDG. Cost, \$—
SAN FRANCISCO, N. Pacific Ave., E.
Webster St.
Class A deluxe apt. bldg. (height and
type of structure not decided).
Owner—Represented by Harrigan Weid-
er, 1000 Market Co., 311 Kearny St.
Architect—Not selected.

Sub-Bids Being Taken
APARTMENTS Cost, \$10,000
SAN FRANCISCO, Forty-eighth Ave.,
and Montgomery Street.
Three-story frame and stucco apartment
bldg. (12 rooms).
Owner and Builder—Lucien Grass, 2295
Clay St., San Francisco.
Architect—J. C. Hadjick, Monadnock
Bldg., San Francisco.

Sub-Bids Being Taken
APARTMENTS Cost, \$60,000
SAN FRANCISCO, NW North Point St.
and Scott St.
Three-story frame and stucco apartment
bldg. (fifteen 2, 3 and 4-room apts.)
Owner and Builder—Thomas Quistad,
2108 Post St.
Architect—R. R. Irvine and L. Ebbets,
Call Bldg., San Francisco.

Plans Being Prepared
ALTERATIONS Cost \$6—
BURLINGAME, San Mateo Co., Cal.
Alterations for residence and apartment
bldg. (four 2-room apts.)
Owner—Miss Charlotte Knudsen.
Architect—R. R. Irvine and L. Ebbets,
Call Bldg., San Francisco.
Work will be done by day's labor.

LOS ANGELES, Cal.—Architect Arthur
Hawes and C. Hugh Kirk, 552 S. Western
Ave., have prepared preliminary plans
for an 8-story class A apartment building
to be erected at northeast corner of Ar-
den Blvd. and Rosewood Ave. for John B.
Rogers; the building will contain approx-
imately five 5-room apartments on each
floor with lobby, offices and service
rooms; 150x140 ft. steel frame construc-
tion.

LONG BEACH, Cal.—Leo Drayer, 3rd
St. and Redondo, Long Beach, will build
4-story brick store and apartments at
3rd St. and Elm Ave. for self; plans by
Pedrick & Bobbe, architects, 901 Heart-
well Bldg., Long Beach; 8 stores and 30
apartments; \$100,000.

LOS ANGELES, Cal.—Metro Construc-
tion & Finance Co., 618 S. Western Ave.,
has contract for 5-story and part base-
ment Class B apartment building, 64x171
feet, at 1825 N. Whitley Ave., for Louis
A. Rose and Jacob Borstein, 618 S. West-
ern Ave. E. B. Rust, architect; Joseph
C. Chapman, associate, 523 Black Bldg
Brick and steel construction.

Plans Being Figured
APT. BLDG. Cost, \$35,000
OAKLAND, Alameda Co., Cal., 35th St.
and Telegraph Ave.
Two-story frame and stucco apt. bldg.,
(12 2 and 3-room apts.)
Owner—Harry Fitzgerald.
Architect—Leonard H. Ford, 1435 Har-
rison St., Oakland.

LOS ANGELES, Cal.—Roy L. Jones,
1750 N. Vermont Ave., taking sub-bids
for 5-story and part basement, 154-room,
50-family Class B apartments on Loma
Linda for H. Donaldson; 67x142 ft., steel
frame, brick walls; \$175,000.

Plans Being Prepared
APT. BLDG. Cost, \$80,000
BERKELEY, Alameda Co., Cal.; Arch St.
and Hearst Ave.
Three-story and basement frame and
stucco apt. bldg. (70 rooms; all mod-
ern conveniences).
Owner—L. N. & A. G. Cornell, 2629
Dwight Way, Berkeley.
Architect—Clay N. Burrell, American
Bldg., Oakland.

Sub-Contracts Awarded
APARTMENTS Cost, \$150,000
BERKELEY, Alameda Co., Cal., Dwight
Way and Ellsworth St.
Six-story reinforced concrete apartment
building (50 2- and 3-room apts.)
Owner—J. T. Fletcher, 479 Kentucky Ave.,
Berkeley.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Lumber—Garrett Lumber Co. 6801 E.
14th St., Oakland.
Concrete—Flener & Price, Berkeley.
Plumbing and Heating—W. H. Picard,
5656 College Ave., Berkeley.
Electric Refrigeration—Frigidaire Corp.
Elevator—Atlas Elevator Co.
Oil Burning Equipment—W. S. Ray Co.
Wall Beds—Rip-Van Winkle Co.

SPOKANE, Wash.—Eastern Invest-
ment Co., composed of Robert Weinstein,
Harry Lubin and Ben Goldstein, will
select architect shortly for Class A re-
inforced concrete apartments to be
erected at n. e. Seventh and Howard
Sts.; site is 100x103 ft. Will contain 65
apts., 2, 3, 4 and 5-room each; est. cost,
\$250,000.

Plans Being Figured.
APARTMENTS Cost, \$30,000
REDWOOD CITY, San Mateo Co., Cal.
Birch Street and Broadway.
Two-story frame and stucco apartment
building.
Owner—Misses Jean, Marion and Blanche
Cunningham.
Architect—John McCool, 381 Bush St.,
San Francisco.

BONDS

PIEDMONT, Alameda Co., Cal.—Pied-
mont Grammar School District will vote
bonds of \$337,000 to finance school im-
provements. Election will also be held
in Piedmont High School District to vote
bonds of \$200,000 to finance erection of
new high school.

DELANO, Kern Co., Cal.—Delano
Joint Union High School District votes
bonds of \$75,000 to finance alterations and
additions to present school.

REDWOOD CITY, San Mateo Co., Cal.
—Election will be held May 28 in Ravens-
wood School District to vote direct tax
for \$7,000 to finance enlargement of au-
ditorium stage; dressing rooms; improve
ventilation and lighting and erect manual
training quarters. Trustees of district
are: J. P. Neifing, E. R. Taft, Edith C.
Pollett.


SANTA BARBARA, Cal.—Citizens of
Santa Barbara will vote in July on the
question of issuing bonds in the sum of
\$140,000 for improvements for the fire
department. The improvements will in-
clude the erection of two new fire sta-
tions and the purchase of sites and ad-
ditional equipment.

ALHAMBRA, Los Angeles Co., Cal.—
The city council has called an election
for June 5 to vote on the question of
issuing bonds in the sum of \$100,000 for
new fire stations and purchase of addi-
tional equipment.

PRINCETON, Colusa Co., Cal.—
Princeton Grammar School District
votes bonds of \$25,000 to finance erection
of new grammar school.

Orders-Inquiries

60
pages
Send
for
FREE



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000
different lines of business. No matter
what your business, in this book you
will find the number of your prospective
customers listed.
Valuable information is also given as to
how you can use the mails to secure
orders and inquiries for your products
or services.
Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Stimulus
 Producers of Direct Mail Advertising

RENO, Nevada.—Reno City School Board contemplates \$200,000 bond issue to finance erection of new junior high school.

TULARE, Tulare Co., Cal.—Liberty School District votes bonds of \$7,000 to finance erection of addition to present school.

SPRINGVILLE, Tulare County, Cal.—Election will be held May 26 in Springville Union School District to vote bonds of \$17,000 to finance erection of new school. Trustees of district are: Louie Harms, C. P. Hodges, Geo. E. Radeliff, Gertrude Gill and Juanita Radeliff, (clerk).

CHURCHES

Plans Being Figured

CHURCH Cost, \$50,000
RENO, Washoe Co., Nevada.
 One-story reinforced concrete church building with tile roof.
 Owner—Trinity Episcopal Church.
 Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 523 Market St., San Francisco.
 General bids are being taken and are being received at Reno by Mr. De Longchamps.

Site Changed—Plans Being Prepared.
SYNAGOGUE Cost, \$100,000
OAKLAND, Alameda Co., Cal. Perry St. W Grand Ave.

Brick synagogue (height of structure not determined).
 Owner—Congregation Beth Abraham.
 Architect—George E. Ellinger, 1723 Webster St., Oakland.

Following are the officers: L. Engleberg, president; K. Gluck, vice president; David Bercovich, treasurer; Eugene Weiss, secretary and Sam Katzberg, H. Goldman, I. Bearman, I. Jacobs, H. Davis, I. Lazar and Harry Stroll, trustees.

SAN FRANCISCO—See "Hotels," this issue.

Working Drawings Being Prepared

CHURCH Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.
 One-story and balcony frame and stucco church building (seating capacity, 250).

Owner—Christian Science Society of Redwood City.
 Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

LA VERNE, Los Angeles Co., Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, preparing plans for 2-story and basement class A church and a 1-story class D Sunday school for Church of the Brethren main church; reinforced concrete construction and frame and stucco construction; \$125,000.

LOS ANGELES, Cal.—Architects H. M. Patterson and R. L. Warren, 681 Chamber of Commerce Bldg., applies for building permit to erect 2-story, 16-room Class A reinforced concrete church at 1449 W. Adams St., for West Adams Presbyterian Church, owner; 95x113 ft., tile and composition roof, ornamental iron, cast stone exterior finish, reinforced concrete floors; \$85,000.

WASCO, Kern Co., Cal.—St. Johns Catholic Church has bids under advisement for new church and school; will contain 4-classrooms with auditorium, 40 by 80 ft. Face brick exterior.

Plans Being Completed.

ALTERATIONS Cost, \$20,000
SAN FRANCISCO. Fillmore and Jackson Streets.

Remodel interior of church building.
 Owner—Calvary Presbyterian Church, Premises.

Architect—Fred H. Meyer, 742 Market St., San Francisco.

Bids will be called for in one week.

BAKERSFIELD, Kern Co., Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, has had preliminary plans approved and has been instructed to proceed with the preparation of working plans at once for a 3-story brick Sunday school building at Bakersfield for the Methodist Episcopal Church of that city; the building will contain assembly hall to seat 300, 15 classrooms; cost, \$80,000.

SAN PEDRO, Los Angeles Co., Cal.—Fishback & Evans, 12 Cedar Way, Long Beach, awarded general contract for new church at Tenth and Cabrillo Sts. for Seventh Church of Christ, Scientists. Geo. A. Howard, Jr., Story Bldg., Los Angeles, architect. Will contain an auditorium to seat 1600 people, classrooms, offices, assembly rooms and reading rooms; will be of brick construction with stucco and cast stone exterior, 100x105 ft., structural steel frame; cost \$100,000.

FACTORIES & WAREHOUSES

Bids Opened.

WAREHOUSE Cost, \$—
OAKLAND, Alameda Co., Cal.; 14th St. Wharf.

Class A warehouse (4½ acre tract).
 Owner—City of Oakland Port Commission, 424 Oakland Bank Bldg., Oakland.

Architect—Engineering Dept. of Owner. Lessee—Rosenberg Co.
 Low Bidder—J. G. Wilson Corp., 74 New Montgomery St., San Francisco, \$5,348.50.

Other bidders were: Gunn-Carle Co., S. F., \$5,300; Cornell Iron Works, Oakland, \$5,580; Price Teltz Co., S. F., \$7,400.
 Bids taken under advisement.

Plans Being Figured

PACKING HOUSE Cost, \$25,000
VACAVILLE, Solano Co., Cal.
 One-story frame packing house.
 Owner—Southern Pacific Co., 65 Market St., San Francisco.
 Architect—Eng. Dept. of Owner.

OAKLAND, Alameda Co., Cal.—The following bids were received by Oakland Port Commission for structural steel frame for Hangar No. 2 at the Oakland Municipal Airport:

Prop. A, galvanized iron; prop B, Robertson Metal.

J. A. Lloyd, 4015 Maple Ave., Oakland, (A) \$17,733; (B) \$21,672.

Superior Metal Products Co., Oakland, (A) \$18,845; (B) \$23,997.

Latourrette-Fical, Oakland, (A) \$20,252 (B) \$23,045.

Bids taken under advisement

ALAMEDA, Alameda Co., Cal.—Standard Oil Co., seeks authorization of city planning commission to establish distributing and storage plant in Eagle Ave. bet. St. Charles and Bay Sts. Taken under advisement.

Sub-Bids Being Taken

COMPRESSOR BLDG. Cost, \$25,000
SAN FRANCISCO, North Beach Plant.
 One-story brick compressor bldg.
 Owner—Pacific Gas & Electric Co., 245 Market St.

Architect—Engineering Dept. of Owner. Contractor—H. H. Larsen, 68 Post St.

Contract Awarded

ALTERATIONS Cost, \$15,000
SAN FRANCISCO. NE Sixteenth and Harrison Streets.

Alterations and additions to present storage plant.

Owner—Richard Hellman, Inc.
 Architect—Edward A. Eames, 353 Sacramento St., San Francisco.

Contractor—Chas. Stockholm, Russ Bldg.

SANTA MONICA, Los Angeles Co., Cal.—Architect Francis D. Rutherford, Mills-Fraser Bldg., Santa Monica, preparing plans for a one-story and basement store and newspaper building to be erected at 4th St. and Broadway for Kellogg Newspapers, Inc., owners of the Santa Monica Outlook; reinforced concrete.

WILLOWS, Glenn Co., Cal.—Adolph Jansen, Willows, awarded contract by Willows Troy Laundry to erect one-story concrete, 70x50 feet, laundry near Colusa and Sycamore Sts.

OAKLAND, Cal.—City sells \$1,053,013 harbor bond issue for premium of \$55,013; proceeds of sale will finance dredging in outer harbor and construction of warehouse to be leased to Rosenberg Bros., packers. Bids for this work will be taken by the Oakland City Port Commission, Oakland Bank of Savings Bldg., Oakland, upon completion of plans.

SEATTLE, Wash.—Richfield Oil Co., has taken lease on city property on waterfront and will erect structures for marine oil storage plant, involving an expenditure of \$200,000.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Excel Motor Rebuilding Co. granted building permit by city to erect first unit of plant on San Bruno Road, near Richfield oil plant; will be 40 by 4 feet.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—E. H. Edwards Co., South San Francisco, granted building permit by city to erect 60 by 400-ft. structure in addition to craneway 60 by 300-ft., at present plant site. Concrete and steel construction.

MERCED, Merced Co., Cal.—Construction has been started on a 30x55 ft. addition to rear of present plant of Golden State Milk Co.; est. cost \$15,000.

Plans Being Figured—Bids Close May 5th
FACTORY BLDG. Cost, \$200,000

SOUTH SAN FRANCISCO, San Mateo Co., Cal.; Paul St. and San Bruno Ave.

Four-story reinforced concrete factory bldg. and warehouse (flat slab type).
 Owner—D. M. Ferry & Co., 759 Front St., San Francisco.

REDWOOD CITY, San Mateo Co., Cal.

Celite Co. of Lompoc, Calif., has taken over the plant and properties of the National Magnesia Company at Redwood City for a consideration reported at more than \$500,000. President August Fitger of the Celite Company becomes managing director of the magnesia manufacturing plans and announces that new structures and equipment will be provided involving an expenditure of \$200,000.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by Oakland Port Commission, Oakland Bank Bldg., to furnish steel frame and piling, in connection with the construction of a one-story Class A warehouse. It is to be erected on the Fourteenth Street Wharf, Oakland, for the City of Oakland:

Piling
 Jasper Stacy Co., 210 Pine St., S. F., \$682
Steel Frame
 California Steel Co., Inc., 2nd and Harrison Sts., Oakland, \$96.87.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

OAKLAND, Cal.—G. Mass...
...with...
...of \$20,000
...plant.

SAWTELLE, Wash.—Architect, Chas. H. ...
...Bldg., Seattle, pre-
...two-story concrete and
...and warehouse
...near Harrison St.,
...1st floor by Troy
...and on 2nd floor
...M. ... Co. and on 2nd floor
...Paper Box Company.

Steel Sash Contract Awarded.
FAC CO. BLDG. Cost, \$2,000,000
FELISA RGL, Contra Costa Co., Cal.
Two one-story steel frame and concrete
factory buildings (100x500 ft. each).
Owner—Johns-Manville Co., Inc. of Cal-
ifornia, 100 New Montgomery St.,
San Francisco.
Engineer—H. J. Brunner, Sharon Bldg.,
San Francisco.
Steel Sash—Tuscon Steel Co., Sharon
Bldg., San Francisco.

AS previously reported, structural
steel awarded to Dyer Bros. Iron Works,
Iowa and Kansas Sts., San Francisco.

FLATS

Contract Awarded.
FLAT BLDG. Cost, \$12,000
SAN FRANCISCO, Eighteenth Ave. and
Taraval Street.
Two-story frame and stucco flat building.
Owner—Misses L. and A. Muller.
Architect—D. A. Jackle, 335 Justin Drive
San Francisco.
Contractor—J. Siblom, Rolph St., San
Francisco.

Sub-Bids Being Taken
FLAT BLDG. Cost, \$16,000
SAN FRANCISCO, N Chestnut St., E
Stockton.
Two-story frame and brick veneer flat
Bldg. (two 6-room flats, one room in
attic).
Owner—Frank Ratto.
Architect—R. R. Irvine and L. Ebbets,
Call Bldg., San Francisco.
Contractor—Mammì Sanguinetti.

GARAGES

OAKLAND, Alameda Co., Cal. See
"Hotels," this issue.

GOVERNMENT WORK AND SUPPLIES

SAWTELLE, Los Angeles Co., Cal.—
President Coolidge has signed bill au-
thorizing appropriation of \$2,100,000 to
erect new barracks buildings at Soldiers'
Home at Sawtelle. It is planned to erect
twelve fireproof buildings to replace the
present frame structures which are ob-
solete. The work will be under the juris-
diction of the board of governors of Na-
tional Homes for Disabled Veteran Sol-
diers.

DENVER, Colo.—Burnham Manufac-
turing Co., Woods Cross, Utah, sub. low bid
to U. S. Bureau of Reclamation, Denver,
to fur two 58-ft. high pressure emerg-
ency gates and conduit linings for Echo
Dam, Weber River Division, Salt Lake
Basin Project, Utah.

SAN LUIS OBISPO, Cal.—Jas. Graham
Manufacturing Co., 635 Bryant St., San
Francisco, at \$3213 awarded contract by
Adjutant General R. E. Middlesteadt, to
furnish ranges for National Guard Train-
ing Camp.

SAN LUIS OBISPO, Cal.—Theo. Maino,
San Luis Obispo, at \$7208 awarded con-
tract by Adjutant General R. E. Middle-
steadt, to construct conduits, feed racks
and 100 ft. floor at National Guard Train-
ing Camp.

MARE ISLAND, Cal.—Congressman
C. L. Curry, asks \$255,000 appropriation
for construction of Mare Island
Navy Yard, including \$160,000 for
hangars and \$95,000 for runway.

SAN FRANCISCO—Until May 14, 11
A. M., under Order No. 9668, bids will
be received by U. S. Engineer Office, 85
2nd St., to fur and operate bucket
dredges, with necessary auxiliary plant
labor and materials for dredging at
hourly rates in Sacramento river. Fur-
ther information obtainable from above
office.

SAN DIEGO, Cal.—David H. Ryan,
1615 Fern St., San Diego, at \$23,250, un-
der Specification No. 5594, awarded con-
tract by Bureau of Yards and Docks,
Navy Department, Washington, D. C.,
to const. roads, walks and grading at
Naval Operating Base; time for com-
pletion 100 days.

TUSCON, Ariz.—North Electric Co.,
Galien, Ohio, at \$4,181 with all. bid of \$3,-
771, time for completion 49 days, sub-
mitted low bid to U. S. Veterans' Bureau to
fur and install automatic telephone sys-
tem in Veterans' Hospital at Tuscon.
Automatic Telephone Co., Chicago, only
other bidder at \$5,569, time for comple-
tion 90 days.

MARE ISLAND, Cal.—Following is a
partial list of prospective bidders for
automatic refrigerators for Mare Island
Navy Yard Hospital, bids for which will
be opened by Bureau of Yards and Docks,
Navy Dept., Washington, D. C., May 16,
under Specification No. 5583: Frigidaire
Corp., Washington; York Mfg. Co., Mun-
sey Bldg., Washington; Rex Cole, Inc., 7
E. 45th St., New York City; Gray En-
gineering Corp., 2550 Santa Fe Ave., Los
Angeles, Calif.; Milwaukee Steam Ap-
pliance Co., 709 63rd Ave., West Allis,
Wis.

SAN DIEGO, Cal.—Otis Elevator Co.,
Washington, D. C., at \$2789 submitted
low bid to Supervising Architect, Treas-
ury Department, to fur and install
freight elevator in San Diego postoffice.
Other bids: S. Heller Elevator Co., Mil-
waukee, Wis., \$3,154; Pacific Elevator &
Equipment Co., San Francisco, \$3,894;
Shepard Elevator Co., Cincinnati, \$3,950.

SAN FRANCISCO—Until May 8, 11
A. M., under Order No. 9678-1304, bids
will be received by U. S. Engineer Of-



San Francisco, May 1st, 1928

Presidents of Auburn, Lincoln and Grass Valley Rotary Clubs,
Superior California.
Fellow Rotarians:—

Please be advised that Mrs. Sandy and I have tickets No. 1 and No. 2 to
your joint Conference luncheon (luncheon No. 11 at the Fremont Presbyterian
Church) on Friday, May 11th, or the second day of the big Rotary Conference
in Sacramento. Although Tom Kelly of the Chico Rotary Club asked us to
attend the Chico-Corning Conference luncheon (luncheon No. 3) at the Y. M. C.
A., you are our "first choice" as Tom says. If the Lincoln Club is going to
sing, I will bring the terra cotta cup that the Lincoln Club gave me.

On Thursday, May 10th, we are going to attend luncheon No. 7 in the
Masonic Temple and conducted by the Fresno Rotary Club, for we were raised
at Tulare, only a few miles south of Fresno and Mrs. Sandy and I have tickets
No. 1 and No. 2 for this luncheon. We believe in the early bird and the juicy
worms.

Rotarily yours,
SANDY PRATT.

BEGINNING MAY the 10th.

THE ROTARIANS of the west.

OR THE second district.

INCLUDING CALIFORNIA, Nevada.

AND THE Hawaiian Islands.

WILL MEET in Sacramento.

FOR A three-day Conference.

MR. AND Mrs. Sandy will be there.

TO MEET old friends.

AND ENJOY the Conference talks.

SACRAMENTO KNOWS how.

TO ENTERTAIN.

AND SANDY will forget.

ALL ABOUT his clean sand.

AND CLEAN rock and gravel.

PRODUCED AT Sacramento, Marysville.

PRATTCO (MONTEREY County).

PRATTROCK (NEAR Folsom).

AND MAYHEW (Sacramento County).

ENTRAL OFFICE—San Francisco.

AND "ROTATE with the Rotarians."

"I THANK you."



ROTATING
WITH THE
ROTARIANS

The City of Sacramento will lock up all the gray squirrels in beautiful
Capitol Park while the Rotarians and other nuts are in town. Clarence (Sandy)
Pratt, President of the Pratt Building Material Company and producer of clean
sand, rock and gravel will be there and the poor squirrels will lose their free-
dom.

flee, 85 2nd St., to fur. and del. Rio Vista, Solano county, one submarine cable (1500 ft.) in 1 length, composed of 5 conductors for 110 volts. Further information obtainable from above.

SAN DIEGO, Cal.—G. W. Cushing, 3564 33rd St., San Diego, at \$14,554 (under Item 1) awarded contract by Bureau of Yards and Docks, Navy Department, to const. storm water drain at Naval Operating Base, under Specification No. 5492.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 8941, San Diego, 500 steel wire file brushes; Mare Island, 900 do, open May 15.

Sch. 8945, western yards, wire rope and seizing strand, May 15.

Sch. 8968, western yards, rubber packing and gasket, May 15.

Sch. 8970, western yards, brushes, cleaning and casting, May 15.

Sch. 8971, western yards, fuses and fuse elements, May 15.

Sch. 8973, Mare Island, 1,700 gals. fire extinguishing liquid, May 15.

Sch. 8974, San Diego, 2,016 deck scrubbing brushes; Mare Island, 3,000 do; Puget Sound, 2,496 do; Mare Island, 900 daubers; Puget Sound, 100 do, May 15.

Sch. 8980, Mare Island, 60 electric bread toasters; Puget Sound, 60 do, 14 electric coffee percolators, May 15.

Sch. 8981, Mare Island, 600 lbs. soldering flux; Puget Sound, 75 lbs. do; May 15.

Sch. 8982, Mare Island, 3,200 sq. ft. compressed cord; Mare Island, 4,000 lbs. ground cork, May 15.

Sch. 8984, western yards, spark plugs, May 15.

Sch. 8985, Mare Island, 28 electric ventilating sets, May 15.

Sch. 8987, Mare Island and Puget Sound hydro-electric windlass and capstan, May 15.

Sch. 8990, western yards, brass tubing and brass voice tubing, May 15.

Sch. 8991, western yards, muriatic acid, nitric acid and sulphuric acid, May 15.

Sch. 8993, western yards, friction tape and insulating rubber tape, May 15.

Sch. 8994, Puget Sound, 1 motor-driven adjustable flanging machine, May 8.

Sch. 8998, Mare Island, one 10,000-gal. steel water tank, May 15.

HALLS AND SOCIETY BUILDINGS

LOS ANGELES, Cal.—Architects Kelsc & Mackie, 1007 S. Grand Ave., have prepared prel. plans for three-story and mezzanine floor Class A lodge and store building to be erected at Ingraham St. and Union Ave., for the South Gate Lodge, No. 320, F. & A. M.; 117x120 ft.; \$225,000.

BURBANK, Los Angeles Co., Cal.—Elks Lodge plans purchase of lot, 100x155 ft., at corner of Palm Ave. and First St. as site for a new lodge building.

LOS ANGELES, Cal.—Architect Everett Phipps Babcock, 855 Rosalind Rd., Pasadena, completing plans for labor temple to be erected on East Walnut St., near Raymond Ave., for Pasadena Board of Labor; three stories and basement with a mezzanine floor; \$125,000. Brick construction, 60x125-ft.

Contract Awarded
CLUB BLDG. Cost, \$40,000
SAN FRANCISCO, Wawona St. and 30th avenue.
Two-story brick or reinforced concrete club building.

Owner—Junior League.
Architect—Ashley & Evers, 525 Market St., San Francisco.

Low Bidder—J. S. Sampson, Monadnock Bldg.
Sub-bids will be taken in about 30 days.

VISALIA, Tulare Co., Cal.—Visalia Mexican Mission Society, following election of a board of directors, voted to finance erection of new social center and community hall. Rev. Herbert W. Tweedie, president of Bd. of Directors.

Reno, Nevada—Northwestern Athletic Club will hold series of socials to secure funds to finance erection of modern clubhouse.

REDONDO, Los Angeles Co., Cal.—Elks Lodge No. 1378, Redondo, has purchased a site at Esplanade and Catalina for new clubhouse and hotel which is projected. The property is 255x240 ft. Prel. sketches for a 7-story building were prepared some time ago by Dwyer & Van Dorn, 3142 Wilshire Bldg., Los Angeles.

Sub-Contracts Awarded
CLUB BLDG. Cont. Price, \$88,679
SAN FRANCISCO, Broderick and Baker Sts., 200x300 feet.
Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).
Architect—Willis Polk Co., 277 Pine St., San Francisco.

Contractor—Stephenson Construction Co., Hobart Bldg., San Francisco.

Mill Work—Redwood Mfg. Co., Hobart Bldg.

Sheet Metal Works—Guilfooy Cornice Wks., 1234 Howard St.

Reinforcing Steel—Soule Steel Co., Ri-alto Bldg.

Concrete Materials—Rock, Sand & Gravel Sales Co., Pier No. 54.

Plumbing—Frederick Snook Co., 596 Clay Street.

Heating and Ventilating—Latourrette-Fical Co., 57 Clementina St.

LOS ANGELES, Cal.—The California Club expects to start work shortly on the erection of a new class A club building on Hope St. north of Sixth St. and extending through to Flower St. The project has been delayed for some months in an effort to dispose of the present property at Fifth and Hill Sts., but President S. M. Haskins states that another plan of financing has been formulated and will probably be completed within a week or two. Plans for the building are being completed by Architect Robert D. Farquhar, Security Bldg., L. A., and Geo. W. Kelham, San Francisco, associated. Union Iron Works has the contract for structural steel and P. J. Walker Co., Garland Bldg., will be the contractor. The site has a frontage of 180 ft. on Hope and Flower Sts. and is 230 ft. deep.

MARYSVILLE, Yuba Co., Cal.—Ed. J. Johnson has deeded site at Tenth and D Sts. to Marysville Lodge of Elks on which it is proposed to erect a modern lodge building to replace structure destroyed by fire two years ago with a loss of \$100,000.

HOSPITALS

POMONA, Los Angeles Co., Cal.—Architect Arthur R. Hutchason, 924 Van

Nuys Bldg., Los Angeles, taking bids for four-story and basement Class A addition to the hospital for the Pomona Valley Hospital Association; 40,000 ft., and will provide for 100 beds; reinforced concrete with stucco exterior; \$100,000.

SANTA ROSA, Sonoma Co., Cal.—Until May 10, 12 noon, bids will be received by W. S. Coulter, county clerk, to erect three frame ward buildings at county hospital grounds. Two wards will have 12-bed capacity and one 2-bed capacity, each 20 by 30-ft.; est. cost, \$11,000. Plans on file in office of clerk. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Karl Muck, Los Angeles County architect, preparing plans for an 8-story and basement, Class A nurses' home to be erected on Los Angeles General Hospital grounds on Mission Road; steel frame construction.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 23, 4 P. M., bids will be received by H. E. Miller, county clerk, to erect one-story frame tubercular unit with open and closed wards, at county hospital. L. D. Esty, architect, Alta Bldg., Santa Cruz. Cert. check 10% req. with bid. Plans obtainable from clerk on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

Contracts Awarded
HOSPITAL Cost, \$40,900
GRANTS PASS, Oregon.
Two-story reinforced concrete hospital (40-bed, two operating rooms, X-ray, etc.).

Owner—Josephine County.
Architect—Tourtelotte & Hummel, Post-at Bldg., Portland, Ore.

Contractor—J. A. Varner, Grants Pass, Oregon.

Plumbing—Valley Hardware Co., Grants Pass, \$3,669.

Heating—Modern Plumbing & Sheet Metal Wks., Medford, Ore., \$4,257.

Electrical Work—Davidson Elec. Co., 348 Union N., Portland, Ore., \$2,532.

LOS ANGELES, Cal.—Wurstner Constr. Co., 810 S. Spring St., applies for building permit to erect addition to hospital at 4614 Sunset Blvd. for Children's Hospital Society; Lester H. Hibbard, architect, 1107 Architects' Bldg.; work consists of adding linen room, kitchen, dining room, pantry, ward and rooms on second floor and operating rooms; \$85,000.

Preparing Working Drawings.
REST HOME Cost \$1,000,000
SAN FRANCISCO, 19th ave., and Sloat Blvd.
Large Rest Home (30 bedrooms, reception rooms, chapel, reading rooms, dining rooms, etc.).

Owner—Christian Scientist Benevolent Assn., M. R. Higgins, chairman.
Architect—Henry H. Guttersen, 526 Powell st.

The Rest Home is to be conducted something like a hotel. It will be a spot where members of the church may come for rest and study and here they will have the finest of accommodations and service, according to Higgins.

NAPA, Napa Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect Assistant Physician's Cottage and Quarters for Day Attendants at Napa State Hospital:

John Christopher, 2426 F St., Sacramento \$34,485
Peter Sorensen, S. F. 35,883
R. B. McKenzie, Gerber 37,281
Carl N. Swensen, San Jose 37,409
Vickroy & Dodd, Stockton 37,745
William Martin, S. F. 39,225
J. S. Hannah, S. F. 39,372
Lamb & Weeks, Vallejo 41,350
H. H. Henning, Stockton 41,444
V. Cereghino, S. F. 41,533
Vogt & Davidson, S. F. 42,374
E. T. Leiter & Son, Oakland 42,787
J. Cobby & Son, S. F. 42,999
Young & Horstmeyer, S. F. 45,208
F. L. Hansen, S. F. 48,450
Bids taken under advisement.

OLIVE VIEW, Los Angeles Co., Cal.—Until 2 P. M., May 28, bids will be received by county to fur. and install additional boiler for Boiler House No. 2 at Olive View Sanitarium. Plans on file at office of clerk of board, Miss Mame B. Beatty, 203 Hall of Records.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

HOTELS

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

Hotel, 10-story, 100,000 sq. ft., 1000 Market St., S. F.—Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Construction started April 1. Estimated cost, \$750,000. Steel frame and concrete construction. Addition to present two-story hotel bldg. (add. 56 rooms). Owner, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F. Architect, J. C. Hladik, Monadnock Bldg., 1000 Market St., S. F.

POWER PLANTS

JACKSON, Amador Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, files application with Federal Power Commission to const. rock-filled dam, with conc. facing, approx. 300 ft. high, 800 ft. thick at base, 25 ft. wide at top; 1300 ft. crest. Will be located on upper Mokelumne river, 50 mi. n. e. of Jackson. Salt Springs power house will be constructed at base of dam, having capacity of 11,000 h. p. Other imp. involve canals and tunnels.

SEATTLE, Wash.—Until May 15, 9:30 A. M., bids will be rec. by W. D. Freeman, city purchasing agent, to fur. 4300 ft. 1-in. 6-strand, 7-wire, straight lay, Crucible cast steel cable, for Queen Anne Counter-balance. Further information obtainable from above.

PUBLIC BUILDINGS

FORT BRAGG, Mendocino Co., Cal. Bids are being received by city clerk (date for opening not set) for painting firehouse; hose tower and tower dome, (2 coats) using raw linseed oil and lead with 25% zinc. Roof, one coat pure raw linseed oil and red ocker, also fence fronting city property. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Cal.—A. Love, 1439 N. Sutter St., Stockton, at \$2634.90 awarded contract by Eugene D. Graham, county clerk, to erect one-story reinforced concrete branch jail at Lockeford; estimated cost \$5,000. Ralph Morrell, architect, Union Bldg., Stockton. Other bidders were: L. Uhels, Stockton, \$2925; Nelson Bros., Ripon, \$2280; Eckert & Moore, Stockton, \$3274; S. Eyre, Tracy, \$3000.

RESIDENCES

Preliminary Plans Approved.
RESIDENCE Cost, \$20,000
ORINDA, Contra Costa Co., Cal. Orinda Country Club. One and part 2-story frame and stucco residence (10-rooms and 4 baths). Owner—Name Withheld. Architect—Sydney, Noble & Archie Newsum, Federal Realty Bldg., Oakland.

Plans Completed.
RESIDENCE Cost, \$17,000
SAN RAFAEL, Marin Co., Cal. Culloden Park. Two-story frame and stucco residence (9 rooms and 2 baths; terra cotta tile roof). Owner—A. L. Stewart. Architect—S. Heiman, 57 Post St., San Francisco. The plans have been turned over to the owner for approval.

ORNAMENTAL WIRE AND IRON WORK

IRON WIRE Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

BUILDING AND ENGINEERING NEWS

Saturday, May 5, 1928

Grading Under Way.

RESIDENCE Cost, \$25,000
ORINDA, Contra Costa Co., Cal.; Orinda Country Club.
 One and part two-story frame and stucco residence (10 rooms, 4 baths), 3-car garage, stables, swimming pool, servant's quarters.

Owner—Name Withheld.
 Architect—Sydney, Noble & Archie Newsom, Federal Realty Bldg., Oakland.
 A refrigeration plant is to be installed in connection with above.
 Grading is now being done by the owner.

Plans Being Figured

RESIDENCE Cost, \$8000
BERKELEY, Alameda Co., Cal. No. 1212 Shattuck Ave.
 One-story and basement 6-room frame and stucco residence.
 Owner—Samuel Hughes, 1809 Bonita Ave., Berkeley.
 Architect—Willis Lowe, 354 Hobart St., Oakland.

Bids are being taken for a general contract.

Plans Being Figured

RESIDENCE Cost, \$5000
ATHERTON, San Mateo Co., Cal.
 One-story 5-room rustic residence.
 Owner—Sig Kuagman.
 Architect—Wm. Garren, DeYoung Bldg., San Francisco.

Plans Being Figured

RESIDENCE Cost, approx. \$10,000
SAN FRANCISCO, W Jordan Ave., S California St.
 Two-story and basement frame and stucco residence (8 rooms; all modern conveniences).
 Owner—R. J. Heyman, 2240 Green St.
 Architect—Henry Shermund, Hearst building.

Plans Being Prepared

RESIDENCES Cost, \$10,000
BERKELEY, Alameda Co., Cal.; Claremont Highlands.
 Two 1-story frame and stucco residences.
 Owner—Name withheld.
 Architect—Sidney B. Noble and Archie Newsom, Federal Realty Bldg., Oakland.
 Bids will be taken for a general contract in 30 days.

Contract Awarded

RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. Lake-shore Highlands.
 Two-story frame and stucco residence, 10 rooms, 3 baths.
 Owner—J. E. Bowersmith.
 Architect—W. E. Schirmer, 700 21st St., Oakland.
 Contractor—F. A. Kutz, 364 31st St., Oakland.

Plans Complete

RESIDENCE Cost, \$14,000
CARMEL, Monterey Co., Cal.
 Two-story 12-room frame and stucco residence.
 Owner—L. C. Merrill.
 Architect—Blaine & Olsen, 1755 Broadway, Oakland.
 Whether bids will be called for or not is indefinite.

Contract Awarded

RESIDENCE Cost, \$12,000
PALO ALTO, Santa Clara Co., Cal.
 Two-story frame and stucco residence, 9 rooms, 3 baths, English type.
 Owner—Fred K. Perry.
 Architect—C. C. Dakin, 2083 Harrison Bldg., Oakland.
 Contractor—Barr and Son, 900 Everett St., Oakland.

Bids In—Under Advisement.

RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Oak Knoll.
 Two-story frame and stucco residence (English type).
 Owner—Dr. A. Tichenor, 1906 Franklin St., Oakland.
 Architect—Douglas Stone, 354 Hobart St., Oakland.

Preparing Working Drawings.

RESIDENCE Cost, \$—
PALO ALTO, Santa Clara Co., Cal.
 One-story frame and stucco residence (7 rooms; English type).
 Owner—Willard Classen.
 Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.
 Bids will be taken for a general contract in one week.

Plans Being Figured.

RESIDENCE Cost, \$40,000
ATHERTON, San Mateo Co., Cal.
 Two-story 15-room frame and stucco residence (Spanish type).
 Owner—Leslie M. Moore.
 Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.

Sub-Bids Being Taken

RESIDENCES Cost, \$20,000 each
SAN FRANCISCO, Monterey Blvd.
 Three 2-story frame and stucco residences (10 rooms, 4 baths).
 Owners and Builders—Bell & Sylvester, 2049 Ocean Ave.

Preliminary Plans Being Prepared.

RESIDENCE Cost, \$75,000
PEBBLE BEACH, Monterey Co., Cal.
 Two-story frame and stucco residence (Spanish type).
 Owner—Mr. Whitcomb, Boston, Mass.
 Architect—Clarence Tantau, Shreve Bldg., San Francisco.

Plans Being Prepared

COTTAGE Cost, \$8500
NAPA SODA SPRINGS, Napa Co., Calif.
 One-story frame guest cottage, shake exterior (5 rooms).
 Owner—Dr. Max Rothschild, 384 Post St., San Francisco.
 Architect—Martin Sheldon, Monadnock Building, San Francisco.
 Bids will be taken for a general contract in six weeks.

Plans Being Revised

RESIDENCE Cost, \$8000
EL CERRITO, Contra Costa Co., Cal.
 Two-story frame and stucco residence (7 rooms).
 Owner—Jack Gaylor.
 Architect—Edward Nickel, 24 California St., San Francisco.
 It is indefinite when bids will be called for.

Contract Awarded.

RESIDENCE Cost, \$10,000
PEBBLE BEACH, Monterey Co., Cal.
 Two-story frame and stucco residence, terra cotta tile roof.
 Owner—W. R. Raiguel, Del Monte Hotel Del Monte.
 Plans by Owner.
 Contractor—Whitcomb & Bain, Carmel.

Plans To Be Prepared.

RESIDENCE Cost, \$30,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story frame and stucco residence; servants' quarters, garage, etc.
 Owner—Withheld.
 Architect—A. A. Cantin, 544 Market St., San Francisco.

Plans Completed.

RESIDENCES Cost, \$20,000 each
PORTLAND, Oregon.
 Two two-story frame and stucco residences (9 rooms and 2 baths each; Spanish type).
 Owner—R. Hofer, Portland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Both buildings will have terra cotta tile roof. The plans are now awaiting approval of the owner.

Plans Being Figured

RESIDENCE Cost, \$15,000
SAN FRANCISCO, St. Francis Wood.
 Two-story frame and stucco residence (all modern conveniences).
 Owner—Fred L. Humphrey, 852 Faxon Ave., San Francisco.
 Architect—Kent & Hass, 525 Market St., San Francisco.

Working Drawings Being Prepared

RESIDENCE Cost, \$15,000
ALAMEDA, Alameda Co., Cal.
 Two-story frame and stucco residence, (Spanish type).
 Owner—Donald Perkins.
 Architect—Kent & Hass, 525 Market St., San Francisco.
 Plans will be ready for bids in about three weeks.

Bids In—Under Advisement

RESIDENCE Cost, \$13,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story frame and stucco residence.
 Owner—Jewell Brown.
 Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
 (7437) 1st rep. July 27, 1927; 5th rep. April 14, 1928.

Plans Being Figured

RESIDENCE Cost, \$75,000
SAN JOSE, Santa Clara Co., Cal. Mt. Hamilton foothills.
 Two-story frame and stucco residence, tile roof, all modern conveniences.
 Owner—William Haller, 75 S-Second St., San Jose.
 Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
 As previously reported, excavating awarded to J. R. Madden, 911 Bryant St., Palo Alto; concrete to Megna & Newell, 79 W-San Fernando St., San Jose.

Sub-Contracts Awarded

RESIDENCE Cost, \$100,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two and three-story concrete, frame and stucco residence (14 rooms and 5 baths; Spanish type).
 Owner—W. B. Brandt, 315 Montgomery St., San Francisco.
 Architect—Clarence Tantau, Shreve Bldg., San Francisco.
 Contractor—R. W. Moller, Call Bldg., San Francisco.

Plumbing and Heating—Thomas Smith,

818 Head St., San Francisco.
Electrical Work—Carl Tanner, 185 Stevenson St., San Francisco.
Lumber—Wisnon Lumber Co., 5th and Railroad Ave., San Mateo.
Mill Work—National Mill & Lumber Co., 320 Market St., San Francisco.
Damproofing—San Mateo Roofing Co., Homestead, San Mateo.
 Tile and plastering bids are in and will be awarded shortly.

Sub-Bids To Be Taken May 2nd.

RESIDENCE Cost, \$15,000
SAN JOSE, Santa Clara Co., Cal. Alum Rock Ave. and McKee Road.
 Two-story frame and stucco residence (9 rooms and 2 baths).
 Owner and Builder—A. McWilliams.
 Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Contractor Taking Sub-Bids

RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal.; Broadmore Park.
 Two-story frame and stucco residence.
 Owner—August Bofinger.
 Architect—Frederick Reimers, 1624 Franklin St., Oakland.

Plans Being Prepared

RESIDENCE Cost, \$15,000
SAN FRANCISCO, Spruce St.
 Two-story frame and stucco residence (8 rooms, 2 baths).
 Owner—J. Jay Gittelson.
 Architect—William Garren, De Young Bldg.
 General bids will be taken in 60 days.

LYNWOOD, Los Angeles Co., Cal.—C. C. Tatum, 215 Merchants National Bank Bldg., Los Angeles; Geo. Seward, development manager, desires general contract bids for directing 100 English and Spanish type dwellings containing five and six rooms each at Lynwood, for selves; plans prepared by Architect Walter C. Folland, 631 Pacific Southwest Bank Bldg., Pasadena; frame and stucco construction.

PACOLMA, Los Angeles Co., Cal.—C. C. Tatum, 215 Merchants National Bank Bldg., Los Angeles; Geo. Seward, development manager, desires general contract bids for erecting 50 English and Spanish type dwellings containing five rooms each at Pacolma, for selves; plans prepared by Architect Walter C. Folland, 631 Pacific Southwest Bank Bldg., Pasadena; frame and stucco construction.

Plans Being Revised

RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal.; Claremont Court.
 Two-story frame and stucco residence (10 rooms).
 Owner—Mrs. W. R. L. Campbell, 2815 Claremont Court, Berkeley.
 Architect—Benjamin McDougall, 353 Sacramento St., San Francisco.
 Bids will be called for shortly.

Contractor Taking Sub-Figures

RESIDENCE Cost, \$—
OAKLAND, Alameda Co., Cal.; Broadmore Park.
 Two-story frame and stucco residence.
 Owner—August Bofinger.
 Architect—Frederick Reimers 1624 Franklin St., Oakland.
 Contractor—Irvin H. Reimers, 451 Walla Vista Ave., Oakland.

CONTRACTS AWARDED
RESIDENCE Cost, \$1,000
 SAN JOSE, Santa Clara Co., Cal. Alum
 1000 Ave. and McKee Road.
 Two-story frame and stucco residence (9
 rooms and 2 baths).
 Owner—E. J. Williams, 418
 S. 1st St., San Jose.
 Architect—W. G. & Higgins, Realty Bldg.,
 San Jose.

PATTERSON, Stanislaus Co., Cal.—A
 A. Perry, 1100, at \$1,000 awarded con-
 tract by West Stanislaus Irrigation Dis-
 trict to erect 2-room frame residence to
 be occupied by secretary of district.

San Contracts Awarded.
RESIDENCE Cost, \$60,000
 WOODSIDE, San Mateo Co., Cal.
 Two-story and basement frame and
 stucco residence (Colonial type).
 Owner—Leonard Hammond, 260 Cali-
 fornia St., San Francisco.
 Architect—Gardner Bailey, 2010 Vallejo
 St., San Francisco.
 Contractor—George Wagner, Inc., 181
 South Park, San Francisco.
Mill Work Sunset Lumber Co., Foot of
 Oak St., Oakland.
 Plumbing—Jas. Finkerton, 915 Howard
 St., San Francisco.
Heating Montague Co.
Plastering—S. F. Plastering Co., 872
 Polson St., San Francisco.
Sand and Gravel—Peninsular Bldg. Ma-
 tial Co., Burlingame.

**Excavating Completed—Sub-Bids Being
 Taken**
RESIDENCE Cost, \$25,000
 SAN FRANCISCO, Lyon St. N. Pacific
 Ave.
 Two-story and basement frame and
 stucco residence with terra cotta tile
 roof.
 Owner—L. Weidenmuller, 341 Kearny
 St., San Francisco.
 Architect—Powers & Ahnden, 605 Mar-
 ket St., San Francisco.
 Contractor—K. E. Parker, 135 So. Park
 San Francisco.
Excavating—B. Rosenberg, 58 Merlin St.

SCHOOLS

Plans Being Prepared
SCHOOL BLDG. Cost, approx. \$305,000
 OAKLAND, Alameda Co., 35th and Mar-
 ket Sts. (Clausen-Longfellow Junior
 High School).
 Three-story brick school bldg.; accom-
 modations for 900 pupils, boys' and
 girls' gymnasium bldg. and 3 shop
 bldgs. of brick construction.
 Owner—City of Oakland Board of Edu-
 cation.
 Architect—John L. Easterly, 2137 Tiffen
 Road, Oakland.

Plans Being Prepared
SCHOOL BLDG. & GYM. Cost, \$60,000
 CLARKSBURG, Yolo Co., Cal.
 One-story frame and stucco high school
 (6 class rooms) and 1-story frame &
 stucco gymnasium.
 Owner—Clarksburg Union High School
 District.
 Architect—Dean & Dean, California State
 Life Bldg., Sacramento.
 Bids will be called for in about 30 days.

Plans Being Prepared
GYMNASIUM Cost, \$22,000
 GRINCY, Plumas Co., Cal.
 Frame and stucco gymnasium.
 Owner—Plumas County High School Dist.
 Architect—Ralph D. Taylor, Lassen In-
 dustrial Bank Bldg., Susanville, Calif.
 Will have exterior finish of wood &
 stucco; fireproof roof; steam heating; oil
 or coal burning furnace.

Plans Being Prepared
GYMNASIUM Cost, \$22,000
 GREENVILLE, Plumas Co., Calif.
 Frame and stucco gymnasium.
 Owner—Plumas County High School Dist.
 Architect—Ralph D. Taylor, Lassen In-
 dustrial Bank Bldg., Susanville, Calif.
 Will have exterior finish of wood and
 stucco; fireproof roof; steam heating; oil
 or coal burning furnace.

STOCKTON, San Joaquin Co., Cal.—
 Until May 10, 6:30 P. M., bids will be
 received by Robert Melville, clerk,
 Walnut Creek District, to erect new
 school bldg. Bonds of \$10,500 voted
 for this construction. Cert. check 10%
 on work bid. Plans obtainable from
 Melville.

**WALNUT CREEK, Contra Costa Co.,
 Cal.**—Until May 14, 1 P. M., bids will be
 received by Morgan Jones, clerk, Walnut
 Creek School District, to erect one-story
 frame and stucco school containing 10-
 classrooms and auditorium; est. cost \$50,-
 000. Coffman-Sahlgren-Stafford, archi-
 tects, Plaza Bldg., Sacramento. Bids will
 be received for concrete and mason and
 brick work combined; for carpenter work;
 for painting; roofing; plumbing; heating;
 sheet metal work; electrical work; con-
 crete, mason, brick work and carpenter
 work combined; for plumbing, heating,
 sheet metal and electrical work combin-
 ed. All with alternate propositions. Cert.
 check 10% payable to clerk req.
 with bid. Plans obtainable from archi-
 tects on deposit of \$25, returnable. See
 call for bids under official proposal sec-
 tion in this issue.

DOS PALOS, Merced Co., Cal.—M. L.
 Scranton, Hughson, at \$34,950 awarded
 contract by Los Palos High School Dis-
 trict to erect reinforced concrete audi-
 torium; Spanish type, 50x136 feet. W.
 J. Wright, architect, Mail Bldg., Stock-
 ton.

FRESNO, Fresno Co., Cal.—Bids will
 be asked at once by Board of Education,
 to be opened probably May 24, to con-
 struct addition to Kirk Elementary
 school; estimated cost \$8,000. Plans by
 E. J. Farr, school department architect.
 Further mention will be made for this
 work when bid opening date is set. L.
 L. Smith, secy., Board of Education.

FRESNO, Fresno Co., Cal.—Bids will be
 asked at once by Board of Education,
 to be opened probably May 24, to construct
 girls' and boys' shower rooms in Theo-
 dore Roosevelt High School; estimated
 cost \$30,000. Plans by E. J. Farr, school
 department architect. Further mention
 will be made of this work. L. L. Smith,
 secy., Board of Education.

ESPARTO, Yolo Co., Cal.—Until May
 14, (hour not set), bids will be received
 by Esparto Union High School District,
 to erect addition to high school gymna-
 sium. Cert. check 10% req. with bid.
 Plans obtainable from clerk of district at
 Esparto.

VAN NUYS, Los Angeles Co., Cal.—
 Architect I. E. Loveless, 714 Chester
 Williams Bldg., Los Angeles, taking bids
 for 2-story Class A parochial school for
 Roman Catholic Bishop of Los Angeles
 and San Diego, St. Elizabeth's parish; as-
 sembly hall to seat approximately 400;
 rein. concrete construction.

ARVIN, Kern Co., Cal.—Bonds of \$23,-
 000 voted in Arvin School District to
 finance erection of new grammar school.
 Will contain 2-classrooms, kitchenette,
 lunch rooms, etc. Symmes & Cullimore,
 architects, 11 Oleander St., Bakersfield.

BURBANK, Los Angeles Co., Cal.—
 Architect Francis D. Rutherford, 205
 Mills-Fraser Bldg., Santa Monica, is pre-
 paring preliminary plans for 2-story ju-
 nior high school building to be known as
 the New Valley Junior High School for
 Burbank board of education; brick con-
 struction; cost \$150,000.

BURBANK, Los Angeles Co., Cal.—
 Architect Francis D. Rutherford, Mills-
 Fraser Bldg., Santa Monica, is complet-
 ing plans for 2-story addition to present
 junior high school building at Burbank,
 for the Burbank board of education; the
 building will contain 16 classrooms, 190x
 65 feet; there will also be a new shop
 building, 1-story, 50x70 feet and a new
 gymnasium, 60x130 feet; cost \$150,000.

Contract Awarded
SHOP BLDG. Cont. price, \$16,206
FAIRFIELD, Solano Co., Cal.
 One-story frame shop building.
 Owner—Armijo School District.
 Architects—Coffman-Sahlgren & Stafford,
 Plaza Bldg., Sacramento.
 Contractor—H. W. Robertson, 2633 6th
 Ave., Sacramento.

Other bidders were: Frank Maloney,
 Sacramento, \$16,888; L. F. Gould, Sacra-
 mento, \$17,121; Herndon & Finnigan, Sacra-
 mento, \$17,346; Holdener Const. Co.,
 Sacramento, \$17,910; Campbell Const. Co.,
 Sacramento, \$18,141.

TRACY, San Joaquin Co., Cal.—Until
 May 15, 6:30 P. M., bids will be received
 by J. N. Lamb, clerk, West Side Union
 High School District, to erect 5-class-
 room brick and concrete addition to pres-

ent high school. W. H. Weeks, architect,
 111 Sutter St., San Francisco. Bids are
 wanted for a general contract and heat-
 ing system with several alternates. Cert.
 check 5% payable to clerk req. with bid.
 Plans obtainable from architect. See call
 for bids under official proposal section in
 this issue.

Bids Opened
DORMITORY Cost, \$18,000
MENLO PARK, San Mateo Co., Cal.
 Two-story frame dormitory and class-
 room bldg. (3 classrooms).
 Owner—Menlo Park School for Boys.
 Architect—Birge M. Clark, 210 Universi-
 ty Ave., Palo Alto.

Alt. (A), using oak floor, add; (B) us-
 ing rustic siding, ded.; (C) omitting por-
 tions of painting, ded.; (D) calssmaining,
 add.

Low bidder—Henry B. Post, 1336 Web-
 ster St., Palo Alto, \$18,650; (A) 136; (B)
 150; (C) 100; (D) 75.

Other bidders were: The Minton Co.,
 Palo Alto, \$18,923; (A) 189; (B) 116; (C)
 250; (D) 252.

Osborne & Knight, Palo Alto, \$19,700;
 (A) 240; (B) 90; (C) 110; (D) 196.

W. P. Goodenough, Palo Alto, \$21,700;
 (A) 212; (B) 127; (C) 115; (D) 272.

R. W. Follmer, Palo Alto, \$21,998; (A)
 45; (B) 270; (C) 108; (D) 250.

BERKELEY, Alameda Co., Cal.—
 Walter Sorenson, 2940 Piedmont Ave.,
 Berkeley, at \$54,773 submitted low bid
 and was awarded the contract by the
 Berkeley Board of Education for the
 construction of a two-story wing addi-
 tion to the Garfield School. Improve-
 ments are being made for the Berkeley
 Board of Education from plans prepared
 by Architect James W. Plachek, Mer-
 cantile Bank Bldg., Berkeley. Est. cost
 \$65,000. Will contain cafeteria seating
 approximately 1000 pupils and 2 class-
 rooms; will be two-story with founda-
 tions capable of carrying one additional
 story.

OAKLAND, Alameda Co., Cal.—The
 following bids were received by John W.
 Edgemond, secy. Board of Education, for
 grading in connection with administra-
 tion building in Second St. bet. East 10th
 and East 11th Sts. Wm. Knowles, archi-
 tect, 1214 Webster St., Oakland. Will be
 three-story reinforced concrete construc-
 tion; estimated cost of structure, \$200,-
 000; J. Welch, 2314 Prince St., Oakland,
 \$1950; Paris Bros., Oakland, \$2240; Ariss
 Knapp Co., Oakland, \$2300; Hutchason
 Co., Oakland, \$2629; Lee J. Immell, Oak-
 land, \$2646.

WATSONVILLE, Santa Cruz Co., Cal.
 —The following bids were received by
 Watsonville School Dist. for construction
 of a one-story reinforced concrete school
 building, to be known as the Elm Street
 School.

Plans were prepared by Architect W.
 H. Weeks, Hunter-Dulin Building, San
 Francisco; 1736 Franklin St., Oakland,
 and Bank of Italy Bldg., San Jose.

Alt. No. 4, add if gas steam system is
 used.

Alt. No. 5, add if electric heating sys-
 tem is used.

Alt. No. 6, add if slate blackboards are
 used.

Carl N. Swensen, 6th and Santa
 Clara Sts., San Jose.....\$25,448
 (4) \$1485; (5) \$1700; (6) \$125.

The Minton Co., Palo Alto.....\$25,934
 (4) \$1400; (5) \$1617; (6) \$105.

H. K. Graham, Watsonville.....\$26,950
 (4) \$1492; (5) \$1780; (6) \$102.

W. F. Seehrest, Watsonville.....\$27,763
 (4) \$1566; (5) \$1554; (6) \$102.

William Raetke, Gilroy.....\$27,902
 (4) \$1600; (5) \$2000; (6) \$102.

P. T. Walstrom, Oakland.....\$28,383
 (3) \$1585; (5) \$1640; (6) \$115.

J. D. Carlsen, San Jose.....\$30,043
 (4) \$1485; (5) \$1846; (6) \$206.

W. A. White, Watsonville.....\$32,000
 (4) \$1545; (5) \$1735; (6) \$207.

R. O. Summers, San Jose.....\$32,650
 (4) \$1555; (5) \$1601; (6) \$114.

SAN FRANCISCO—Incandescent Sup-
 ply Co., 726 Mission St. at \$2200 sub-
 mitted low bid to Board of Public Works
 to fur. and install electrical fixtures in
 Portola Jr. High School in area bound-
 ed by Girard, Bacon, Burrows and Goettlin-
 gen Sts. Other bids: Alta Electric Co.,
 \$2342; R. Flatland, \$2525; Edw. F.
 Dowd, \$3494; Roberts Mfg. Co., \$3512.

WATSONVILLE, Santa Cruz Co., Cal.
The following bids were received by Watsonville School District for the construction of a one-story frame and stucco school building, known as Palm Ave. school.

Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.
Alt. 1, add, for double bookcase, sliding blackboards.
Alt. 2, add changing plaster.
Alt. 3, add, corridor floors, concrete in place of wood.
Alt. 4, add, changing masonite to cork carpet.
Alt. 5, add changing front entrance to Richmond brick.
Alt. 6, add, for linoleum on wood, in place of concrete.
Alt. 7, add, if electric heating system used.
Alt. 8, add if Clow Gas Steam Radiator is used.
Alt. 9, add, changing blackboards to slate board.

General Work

he Minton Co., Palo Alto.....\$71,000
(1) \$1040; (2) \$603; (3) \$1500; (4) \$180; (5) \$420; (6) \$1078; (7) \$5686;
(8) \$3750; (9) \$230.
ack Renfrow, Watsonville.....\$72,000
(1) \$320; (2) \$500; (3) \$2000; (4) \$300; (5) \$295; (6) \$1341; (7) \$5200;
(8) \$3775; (9) \$228.
arl N. Swensen, San Jose.....\$72,291
(1) \$452; (2) \$1000; (3) \$1200; (4) \$185; (5) \$500; (6) \$1180; (7) \$5275;
(8) \$3800; (9) \$360.
William Radtke, Gilroy.....\$74,800
(1) \$382; (2) \$760; (3) \$1855; (4) \$156; (5) —; (6) \$1600; (7) \$6275;
(8) \$400; (9) \$328.
R. Siegrist Co., San Francisco.....\$77,000
(1) \$950; (2) \$975; (3) \$1916; (4) \$283;
(5) \$394; (6) \$1220; (7) \$3793; (8) \$3900; (9) \$278.
eter Sorensen, San Francisco.....\$77,719
(1) \$500; (2) \$825; (3) \$3055; (4) \$200; (5) \$750; (6) \$1260; (7) \$5300;
(8) \$3900; (9) \$300.
K. Nelson, San Francisco.....\$78,900
(1) \$302; (2) \$733; (3) \$2197; (4) \$258; (5) \$504; (6) \$1341; (7) \$5590;
(8) \$3775; (9) \$288.
D. Carlsen, San Jose.....\$82,256
(1) \$506; (2) \$699; (3) \$1648; (4) \$34;
(5) \$300; (6) \$1459; (7) \$5910; (8) \$3785; (9) \$374.
R. O. Summers, San Jose.....\$92,260
(1) \$780; (2) \$1237; (3) \$2169; (4) \$172; (5) \$560; (6) \$1541; (7) \$5501;
(8) \$4227; (9) \$260.

Heating

Scott Co., 243 Minna St., S. F.....\$ 6,480
Nottingham Heating Co., Oakland.....\$ 6,488
The Minton Co., Palo Alto.....\$ 6,750
A. T. Beck, San Francisco.....\$ 6,896
P. J. Kennedy, Martinez.....\$ 6,683
D. O'Mera, San Francisco.....\$ 7,300
Arbuckle Heating Co., Monterey.....\$ 7,600
Carl T. Doell, Oakland.....\$ 7,718
Bids taken under advisement.

WATSONVILLE, Santa Cruz Co., Cal.
The following bids were received by Watsonville School Dist. for construction of a one-story reinforced concrete school building, to be known as the Rodriguez School.

Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Building, San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.
Alt. No. 4, add if gas steam heating system is used.
Alt. No. 5, add if electric heating system is used.
Alt. No. 6, add if slate blackboards are used.
The Minton Co., Palo Alto.....\$17,902
(4) \$1250; (5) \$1240; (6) \$100.
H. K. Graham, Watsonville.....\$18,198
(4) \$1252; (5) \$1046; (6) \$100.
W. F. Sechrest, Watsonville.....\$18,642
(4) \$1252; (5) \$914; (6) \$93.
Carl N. Swenson, San Jose.....\$19,427
(4) \$1250; (5) \$1275; (6) \$110.
P. T. Walstrom, Oakland.....\$19,489
(4) \$1346; (5) \$1050; (6) \$102.
William Radtke, Gilroy.....\$19,488
(4) \$1304; (5) \$1602; (6) \$92.
J. D. Carlsen, San Jose.....\$21,497
(4) \$1246; (5) \$1472; (6) \$166.
R. O. Summers, San Jose.....\$22,196
(4) \$1675; (5) \$1037; (6) \$103.

CHICO, Butte Co., Cal.—Chico School District votes direct tax of \$40,000 to finance erection of new school in Thirtieth Sub-division.
(5176) 1st report March 26, 1928. 15

BANKS, STORES & OFFICES

OAKLAND, Alameda Co., Cal.—See "Hotels," this issue.

Sub-Contracts Awarded.
ALTERATIONS. Cost, \$75,000
SAN FRANCISCO. No. 345 Bush St. (70 by 137 feet).
Remodel present building for restaurant (seating capacity 600).
Owner—John Gerome.
Architect and Contractor—Austin B. Murray, 618 Mission St., San Francisco.
Lessee—Foster Lunch System.
Plumbing and heating—H. Williamson Co., 1738 Howard St., San Francisco.
Ventilating—United Blower Co., 1267 Folsom St., San Francisco.

Excavating Contract Awarded
STORE BLDG. Cost, \$10,000
ALBANY, Alameda Co., Cal., San Pablo Ave., near Solano St.
One-story frame and stucco store building (3 stores).
Owner—G. McElhenney, 420 17th St., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.
Excavating—Ariss-Knapp Co., 961 41st, Oakland.

Plans being Figured. Cost, \$—
BUILDING
OAKLAND, Alameda Co., Cal. Fourteenth St., bet. Franklin and Broadway.
Interior finish for 2-story and basement concrete building.
Owner—William Cavalier Co., 1st National Bank Bldg., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.

Plans Being Figured—Bids Close May 16th
OFFICE BLDG. Cost, \$20,000
ALAMEDA, Alameda Co., Cal. S W Santa Clara Ave. and Everett St.
One-story hollow tile office building.
Owner—Municipal Light & Power Co., (Clifton E. Hickof, City Manager).
Architect—Carl Werner, 605 Market St., San Francisco.

Sub-Contracts Awarded
STORE BLDG. Cost, \$45,000
OAKLAND, Alameda Co., Cal. Ninth St. and Broadway.
One-story steel frame and brick store building (9 stores, 100x125 feet).
Owner—Selah Chamberlain.
Architect—E. W. Cannon, 1924 Broadway, Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.
Cement Work—J. H. Fitzmaurice, 354 Hobart St., Oakland.
Brick Work—Martin Back, 2100 Woodbine St., Oakland.
Steel—California Steel Co., 2nd & Harrison Sts., Oakland.
Lumber—Tilden Lumber Co., 2nd & Harrison Sts., Oakland.
Plumbing—J. A. Frictas Co., 2811 E 10th St., Oakland.
Electrical Work—Roberts Mfg. Co., 2214 Broadway, Oakland.
Plastering—Aston & Chapman, 2174 40th Ave., Oakland.
Glass—Tyre Bros., 666 Townsend St., San Francisco.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Painting—Chas. Godin & Son, 1730 Jaynes St., Oakland.

MODESTO, Stanislaus Co., Cal.—P. Latz, 840 10th St., Modesto, operating the Latz Department store in Tenth street, recently destroyed by fire with a loss of \$85,000, will have plans prepared for a new building. Preliminary plans are being made.

Date of Opening Bids Postponed Until May 7th.
OFFICE BLDG. Cost, \$50,000
AUBURN, Placer Co., Cal. N High St. E Placer St.
Three-story and basement office building (Type of structure not decided).
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Eng. Dept. of Owner.
Previously reported to be opened May 1.

Contractor Taking Sub-Figures ALTERATIONS Cost, \$—
SAN FRANCISCO, Bush St.
Alterations to present building.
Owner—San Francisco Curb Exchange.
Architect—Miller & Pfueger, 580 Market Street.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

LOS ANGELES, Cal.—The Hollywood Business Properties, Inc., 908 Guaranty Bldg., Hollywood, has secured long term leases on two lots on Vine St. north of Hollywood Blvd., and will erect a limit-height class A building. Kenneth Macdonald, Jr. & Co., Spring-Arcade Bldg., will probably be architects. Officials of company desire not to disclose purpose of building at present time. The property has a frontage of 140 ft. on Vine St and is 200 ft. deep.

Working Drawings Being Prepared
OFFICE BLDG. Cost, \$—
ALAMEDA, Alameda Co., Cal. S W Santa Clara Ave. and Everett St.
One-story hollow tile office building.
Owner—Municipal Light & Power Co., (Clifton E. Hickof, City Manager).
Architect—Carl Werner, 605 Market St., San Francisco.
The plans will be ready for bids in about one week.

Sub-Contracts Awarded
BUILDING Cost, \$—
OAKLAND, Alameda Co., Cal. Fourteenth St. bet. Franklin and Broadway.
Interior finish for 2-story and basement concrete building.
Owner—William Cavalier Co., First National Bank Bldg., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
Sidewalk Lights—B. H. Jackson, 577 28th St., Oakland.
Lumber—E. K. Wood, 1298 Hopkins St., Oakland.
Plastering—Vincent Fatta, 4799 Telegraph Ave., Oakland.
Concrete—J. H. Fitzmaurice, 354 Hobart St., Oakland.
Ornamental Iron—Pacific Iron Works, 1155 67th St., Oakland.
Excavating—Ariss-Knapp Co., 961 41st St., Oakland.
Terra Cotta—Gladding McBean & Co., 660 Market St., San Francisco.
Structural Steel—California Steel Co., 2d and Harrison Sts., Oakland.
Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.
Painting—Ralph Smith, 12 Cambridge Way, Oakland.
Plumbing—Carl Doell, 467 21st St., Oakland.
Electrical Work—Slater Elect. Co., 569 19th St., Oakland.
Bids are now being taken for heating, marble and mill work.

Plans Being Figured By Selected List Of Contractors. Cost, \$—
STORE BLDG.
WOODLAND, Yolo Co., Cal.
One-story brick and concrete store building.
Owner—Roy Van Vliet, 155 Montgomery St., San Francisco.
Architect—Earle Bertz, 210 Post St., San Francisco.

Contract Awarded.
STORE BLDG. Cont. Price, \$11,461
MT. VIEW, Santa Clara Co., Cal.
One-story Class C reinforced concrete store building (60 by 80 feet).
Owner—Pauldings Dry Goods Co.
Architect—A. A. Cantin, 544 Market St., San Francisco.
Contractor—The Minton Co., Mt. View, and Palo Alto.
Other bidders were: Lindholm & Co., Mt. View, \$11,500 N. Darrah, Mt. View, \$11,990.

Plans Being Completed
OFFICE BLDG. Cost, \$150,000
SAN FRANCISCO. California St. near Sansome St.
Five-story Class A office building.
Owner—Robert Dollar Co., 311 California St., San Francisco.
Architect—Charles McCall, 1404 Franklin St., Oakland.
Bids will be taken next week for a general contract for a five-story building and also for a ten-story building.

Plans Being Prepared
BANK Cost, \$100,000
 SACRAMENTO, Sacramento Co., Cal.,
 5th and J Sts.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy
 Bldg., Eddy and Powell Sts., S. F.
 Engineer—L. H. Nicholson, 225 Market St.,
 San Francisco.

Plans Being Prepared
ALTERATIONS Cost, \$55,000
 STOCKTON, San Joaquin Co., Cal., 19 S
 Hunter St.
 Alterations and additions to present bank
 building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy
 Bldg., San Francisco.

LOS ANGELES, Cal.—Architect Har-
 old S. Johnson, 1122 Story Bldg., taking
 general contract bids for 13-story and
 basement class A offices at 7th St. and
 Harbor Pl. for Metcalf and Ryan; and
 reinforced concrete construction, 50x25½
 ft.

Plans Being Prepared
FITTING UP OFFICE Cost, \$—
 SAN FRANCISCO, Ground floor of Russ
 Bldg.
 Fitting up broker's offices.
 Owner—Lilienthal, Bremer & Co., 310
 Montgomery St.
 Architect—Kent & Hass, 525 Market St.
 Plans will be ready for bids in two
 weeks.

Sub-Contracts Awarded
ALTER & ADDITIONS Cost, \$35,000
 SACRAMENTO, Sacramento Co., Cal.; K
 Street between 8th and 9th.
 Alterations and additions to present 6-
 story Class A building.
 Owner—Alexander C. McLain, San Fran-
 cisco.

Architect—Plans by Mr. Maloney.
Contract—Frank Maloney Co., 3172 T St.,
Sacramento.

Plumbing—Luppen & Hawley, 2126 J St.,
Sacramento.

Steel Sash—Truscon Steel Co., 1508 J St.,
Sacramento.

Plastering—G. M. Christian, 2311 N St.,
Sacramento.

Sub-bids on other parts of the work are
 in and will be awarded shortly.

Contract Awarded
BUILDING Cont. Price, \$10,560
 SAN FRANCISCO, S Francisco St. W
 Broderick St.
 Two-story and basement frame and
 stucco building.
 Owner—Maria and Giovanni Arata, 1926
 Taylor St., San Francisco.
 Architect—None.
 Contractor—Peder S. Carlsen, 30 Clover
 St., San Francisco.

LOS ANGELES, Cal.—Architects John
 and Donald B. Parkinson, 420 Title In-
 surance Bldg., preparing working plans
 for a department store to be erected at
 Wilshire Blvd. and Westmoreland Ave.
 for Bullocks, Inc.; 4-story with frontage
 of 150 feet, construction will be brick
 with terra cotta facing; \$500,000. P. J.
 Walker Co. W. M. Garland Bldg., will
 probably be the contractors.

Plans Being Figured
BANK Cost, \$20,000
 SAN FRANCISCO, Thirty-eighth Ave.
 and Balboa St.
 One-story frame and stucco bank build-
 ing.

Owner—Bank of Italy.
 Architects—H. A. Minton, Bank of Italy
 Bldg., Eddy and Powell Sts., San
 Francisco.

Steel Bids In To Be Awarded Shortly
OFFICE BLDG Cost, \$100,000
 SAN FRANCISCO, Pine St. bet. Leides-
 dorf and Montgomery Sts.
 Six-story and basement Class A office
 building.

Owner—Phoenix Assurance Co. of London
 Architect—Bakewell & Weihe, 251 Kearny
 St., San Francisco.

Engineer—C. H. Snyder, 251 Kearny St.,
 San Francisco.
 Contractor—George Wagner, 281 South
 Park, San Francisco.

LOS ANGELES, Cal.—A. T. Jorgens,
 president of Jenkins Trust Co., Long
 Beach, has purchased a site at the south-
 east corner of First St. and American
 Ave. and will erect an automobile sales-
 shop and garage building to be occupied
 by L. C. R. R. Cadillac dealer. The
 building will be two-stories, 75x110 ft.,
 and of reinforced concrete construction.

Completing Plans
AUTO BLDG. Cost, \$15,000
 WATSONVILLE, Santa Cruz Co., Cal.
 One-story reinforced concrete auto sales
 and display building.
 Owner—Louis Normandin, 105 Hanchett
 St., San Jose.
 Architect—De Lange & Collins, Watson-
 ville.
 Lessee—Gunter & Gunter (Hudson-Essex
 Agency).
 General bids will be taken in one week.

Contracts Awarded
OFFICE BLDG. Cost, \$350,000
 SAN FRANCISCO, NE Post and Mason
 Streets.

Fifteen-story wing addition adjoining
 Present 15-story Class A medico-
 dental building.

Owner—Medico-Dental Bldg. Corp., 499
 Post St., San Francisco.

Architect—George W. Kelham, 315 Mont-
 gomery St., San Francisco.

Engineer—H. J. Brunner, Sharon Bldg.,
 San Francisco.

Contractor—George Wagner, 181 South
 Park, San Francisco.

Sheet Metal and Hollow Metal—Forderer
Cornice Works, 269 Potrero Ave.

Miscellaneous and Ornamental Iron—Pol-
son St. Iron Works, 17th & Missouri.

Mill Work—Pacific Mfg. Co., Monadnock
Building.

Glass—Tyre Bros., 666 Townsend St.

Plumbing, Heating, Ventilating and Wir-
ing—Turner Co., 229 Clementina St.

Plastering—San Francisco Plastering Co.,
872 Polson St.

Lumber—J. H. McCallum Co., 748 Bryant
Hardware—Palace Hardware Co., 581
Market St.

Marble—Eisele & Dondero, 2895 3rd St.

As previously reported: Reinforcing
 Steel awarded to Badt Falk Co., 74 New
 Montgomery St., San Francisco.

Planned
STORE BLDG. Cost, \$—
 OAKLAND, Alameda Co., Cal., NW 24th
 St. and Broadway.

Class A department store bldg. (106x113).
 Owner—L. Magnin & Co., Grant Ave. &
 Geary St., San Francisco.

Architect—Not selected.

THEATRES

Plans Being Completed
THEATRE BLDG. Cost, \$75,000
 MILL VALLEY, Marin Co., Cal.
 One-story Class C concrete theater bldg.,
 (seating capacity 1000).

Owner—Blumfeld Theatre Circuit.

Architect—Reed Bros., 105 Montgomery
 St., San Francisco.

Plans will be completed next week. It
 was not definitely decided whether bids
 will be called for or not.

Specifications Being Written
THEATRE BLDG. Cost, \$70,000
 ELY, Nevada.

One-story reinforced concrete theatre
 bldg. (seating capacity 800).

Owner—P. W. Hull, Ely, Nevada.

Architect—Norman R. Coulter, 46 Kearny
 St., San Francisco.

Additional Sub-Contracts Awarded
THEATRE Cost, \$—
 SAN FRANCISCO, SW Chestnut and
 Steiner Sts.

Two-story class A theatre building (1500
 seating capacity).

Owner—Louis R. Lurie.

Architect—O'Brien Bros., 315 Mont-
 gomery St., San Francisco.

Lessee—Edward Barron and Carol A.
 Nathan, 221 Golden Gate Ave.

Contractor—Industrial Construction Co.,
 815 Bryant St.

Heating and Sheet Metal Work—Ace
Sheet Metal Works, 444 Clementina.

Plumbing—J. J. McLeod, 1246 Golden
Gate Ave.

Mill Work—Empire Planning Mill Co., 750
Bryant St.

Lumber—J. H. McCallum, 748 Bryant St.
 Other awards reported April 2, 1928.

Date of Opening Bids Postponed Until
 May 7th, 12 noon.

THEATRE Cost, \$100,000
 MERCED, Merced Co., Cal.

Two-story class C theatre bldg., seating
 capacity 1500.

Owner—Merced Theatre (Frank J. Al-
 bert, manager).

Architect—Mark T. Jorgensen, 742 Mar-
 ket St., San Francisco.

OAKLAND, Ala. Co., Calif.—Chas.
 Heyer, Mills Building, S. F., award
 the column clamp contract to the Ste-
 rorm Contracting Co., 681 Market St.,
 S. F., in connection with the Class A the-
 tre building, under construction on 17
 & Telegraph Aves., Oakland. It is be-
 lieved for the Income Properties Cor-
 poration plans prepared by Architects Wee
 and Day, Financial Center Building,
 F. Henry Duffy, of San Francisco is the
 lessee.

WHARVES AND DOCKS

RICHMOND, Contra Costa Co., Cal.
 The following contracts were awarded
 April 30, S. P. M., by Richmond city coun-
 cil and Pier Terminal Company to con-
 struct wharf 800-feet in length togeth-
 er with cargo building, 800 by 150-feet
 on the Richmond Harbor, from plans pre-
 pared by H. J. Brunner, engineer, Sharon
 Bldg., San Francisco. Construction
 will be of reinforced concrete throughout.

General Work
 California Const. Co., 225 Bush St., Sa-
 Francisco, \$154,000.

Electrical Work
 Pacific Elec. Mfg. Co., 5813 2nd St., S. F.
 \$3312; and V. G. Elec. Co., Richmond,
 \$2550.

Plumbing
 R. W. Timmons, 703 Nevin St., Rich-
 mond, \$6694.

HERMOSA BEACH, Cal.—Until 8 A.
 M. May 8, bids will be rec. to fur-
 nish and install certain crested wooden piles at
 the outer end of the Municipal Pier, to
 be numbered from 2 to 10, in accordance
 with plans and specifications which may
 be obtained from the city engineer. E.
 F. Brown is the city clerk.

MISCELLANEOUS BUILDING CONSTRUCTION

Excavation Started.
MAUSOLEUM Cost, \$100,000
 SAN PABLO, Alameda Co., Cal.

Reinforced concrete mausoleum, interior
 of marble and bronze.

Owner—Roman Catholic Archbishop.

Architect—H. A. Minton, Bank of Italy
 Bldg., Eddy and Powell Sts., San
 Francisco.

Contractor—Barrett & Hilt, 918 Harri-
 son St., San Francisco.

Excavating is being done by Genera
 Contractors.

As previously reported, marble award-
 ed to Jos. Musto Sons-Keenan Co., 535
 North Point St., San Francisco.

Sub-bids are wanted for reinforcing
 steel, ornamental iron, bronze, plumbing,
 electrical work, sheet metal, glass,
 plastering and brick work, etc.

Plans Being Figured.
CHAPEL Cost, \$—
 BERKELEY, Alameda Co., Cal.

One-story frame and stucco chapel
 (English type).

Owner—Hull Undertaking Co., 3051 Ada-
 line St., Berkeley.

Architect—Slocombe & Tuttle, 337 17th
 St., Oakland.

Plans Being Figured
CHAPEL, ETC. Cost, \$60,000
 OAKLAND, Alameda Co., Cal. Eight-
 teen and Grove Sts.

Two-story hollow tile Class C chapel and
 undertaking parlor.

Owner—V. C. Pagorino & Lewis, 952 8th
 St., Oakland.

Architects—Harris Allen, 1924 Broadway,
 Oakland.

WILLOWS, Glenn Co., Cal.—City trus-
 tees appropriate \$2000 to finance initial
 work on the establishment of a municipal
 airport.

SAN FRANCISCO.—Peter J. Owen, city
 supt. of streets, requests appropriation
 of supervisors to finance purchase of 1-
 500 new refuse cans to replace those now
 in certain sections of city.

Preliminary Plans Awaiting Approval
DEPOT Cost, \$200,000
 SAN JOSE, Santa Clara Co., Cal., Santa
 Clara and San Fernando Sts.

One-story brick passenger and freight de-
 pot.

Owner—Southern Pacific Co., 65 Market
 St., San Francisco.

Architect—Eng. Dept. of Owner.

OAKLAND, Cal.—City sells \$1,053,013 bond issue for premium of \$53,013; proceeds of sale will finance dredging in harbor and construction of warehouse to be leased to Rosenberg Bros. Bids for this work will be taken at the Oakland City Port Commission, Oakland Bank of Savings Bldg., Oakland, on completion of plans.

POMONA, Los Angeles Co., Cal.—County of Los Angeles will start plans near future for exposition building to be built on county fair grounds, Pomona. Est. \$160,000, will be 800x135 ft. and 40 in height, with 108,000 sq. ft. of unbroken floor space and a stage at one end. Plans will be prepared in the office of the county architect. C. B. Afflergh is secretary-manager of the County Fair.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by county to construct 3-story brick and concrete incinerator building (not including mechanical equipment) at the General Hospital. Work will include bridge and roof paving; 62x34 feet, with brick and art one exterior, Silcock and fire brick linings for combustion chambers, elevators, pe railings, roller doors, etc. Plans on file at office of clerk, Miss Mame B. Beatty, 303 Hall of Records.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by county for mechanical equipment, including jacket conveyors, digesters, vacuum system, wash tanks, traveling hoppers, etc. Plans obtainable from clerk of the board, Miss Mame B. Beatty, 303 Hall of Records.

CLOVERDALE, Sonoma Co., Cal.—Junior Chamber of Commerce announces it has been obtained on which to establish a municipal airport. Grading operations will be started at once.

PITTSBURG, Contra Costa Co., Cal.—Junior Chamber of Commerce backs proposal to construct pedestrian subway in Railroad avenue at tracks of Santa Fe and Southern Pacific; est. cost \$2000.

VALLEJO, Solano Co., Cal.—George Lanchi, 921 Kentucky St., Vallejo, awarded contract by Parmisano Bros., 16 Georgia St., to erect one-story fish market, 25 by 65-ft. at 119 Georgia St.

BERKELEY, Alameda Co., Cal.—The following bids were received by Emma Mann, city clerk, to construct tennis courts at Grove Playground:
Malott & Peterson, 3221 20th St., S. F., (A) \$3349; (B) —; (C) —;
Immel & Siedel, Oakland, (A) \$2425; (B) —; (C) \$1940.
Heafey-Moore Co., Oakland (A) —; (B) \$1890; (C) —.
Bids taken under advisement for one week.

VENICE, Los Angeles Co., Cal.—Taggart Aston, consulting engineer for Frank Garbutt, 275 Orange St., Long Beach, and associates on Long Beach yacht harbor project, is working on preliminary plans for a combined yacht harbor and recreational park off shore at Venice. Rough draft of the plans has been submitted to the Playground Department of the city. This plan embraces a proposed area of 6000 ft. along the shore south from Avenue 25 to a point near Avenue 51. Building the shore line out so as to allow for an 80-ft. boulevard to distribute traffic along the face of the development area, a 90-acre fill is constructed in the plan, including a 600x1000-ft. open air swimming pool. The project involves the following: Park and picnic grounds, also parking, yacht club gardens and tennis ground, wading and model yacht pool, municipal bath houses, public tennis courts, university boat house, public boat houses and cafe, boy scout and public schools boat house, hydroplane station, restrooms and lockers, aquarium, bandstand, municipal luncheon room, children's bath house, municipal auditorium. The harbor designed by Aston, in the plan shown herewith, would contain 195 acres of water behind a concrete crib breakwater with which a promenade and fishing pier would be combined. The estimated cost of constructing this concrete breakwater about one and one-third miles in length and the filled-in park of 90 acres behind concrete bulkheads will not exceed \$2,500,000.

SAN FRANCISCO.—Until May 7, 11 A. M., under Proposal No. 375, bids will be received by Leonard S. Leavy, city purchasing agent, to fur. and del. under Class 7, hardware and castings and under Class 11, lumber. Materials may be ordered from time to time during the semi-annual term commencing July 1 and ending Dec. 31, 1928.

SAN FRANCISCO.—Until May 7, 11 A. M., under Proposal No. 376, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. enamel wares, aluminum ware, tinware, Japanned and galvanized wares and kitchen utensils. Further information obtainable from above.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by county for steam and return piping for heating system at Juvenile Hall. Plans on file at office of clerk of board, Miss Mame B. Beatty, 303 Hall of Records.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by county for general contract to construct new tunnel for steam heating system at Juvenile Hall. Plans on file at office of the clerk of the board, Miss Mame B. Beatty, 303 Hall of Records.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by county for constructing an electric lighting system in tunnel at Juvenile Hall. Plans on file at office of the clerk of board, Miss Mame B. Beatty, 303 Hall of Records.

UKIAH, Mendocino Co., Cal.—Chamber of Commerce, Lions Club and Rotary Club have started campaign to raise funds to finance construction of community swimming pool; 45 ft. by 105 ft.

RENO, Nevada.—City Council has purchased site in southeast section of city on which to establish municipal baseball and athletic field. The sum of \$10,000 was paid for site.

EUREKA, Humboldt Co., Cal.—Until May 7, 8 P. M., bids will be received by A. Walter Kildale, city clerk, to construct chain link wire fence around portion of Elk and Deer paddocks in Sequoia Park. Cert. check 10% payable to city req. with bid. See call for bids under official proposal section in this issue.

LODI, San Joaquin Co., Cal.—City Engineer L. F. Barzellotti preparing plans for sprinkling system for Lawrence Park.

MONTEBELLO, Los Angeles Co., Cal.—Until 7:30 P. M., May 11, bids will be received by the trustees of Montebello School District for electric wiring and for clocks and bell system for the Fremont and Montebello Park School buildings in Montebello School District in accordance with plans and specifications prepared by Architects Jeffery & Schaefer, 1104 Kerckhoff Bldg.

BUSINESS OPPORTUNITIES

D-2827—System of Permanizing the Finish on Automobiles. Denver, Colorado. Mr. Ellsworth Lucore, General Manager, Permanizing Stations of America, 1235 Broadway, Denver, Colorado, desires to secure a suitable representative to handle the exclusive "permanizing" contract in this city.

D-2828 — Safety Telephone Holder. Chicago, Illinois. National Phone Holder Corp., 105 W. Monroe St., Chicago, Illinois, manufacturers of a new metal telephone holder, which can conveniently be fastened to wall or desk, are seeking San Francisco or California distributors.

D-2829—All-Rubber Traffic Marker. Kansas City, Mo. A. J. Stephens, 516 Manufacturers Exchange, Kansas City, Mo., manufacturers of new traffic markers, made of special weather-resisting black rubber with white letters moulded in, furnished in "stop," "slow," "no left turn," "school" or "safety zone," desire to secure the services of a suitable San Francisco representative to work on a commission basis.

D-2830—San Francisco Representative Desired. Harrisburg, Pa. Mr. Daniel N. Casey, Secretary, Harrisburg Chamber of Commerce, Harrisburg, Pennsylvania, represents manufacturer desirous of securing the services of a heating and plumbing jobber to act as distributor of his products in this territory.

D-2831—Electric Heater for Use in Radiators. St. Louis, Mo. Mr. E. Johnston, General Sales Mgr., Commonwealth Laboratories, Inc., Gravois Avenue at Kingshighway, St. Louis, Missouri, is starting to manufacture an entirely new electric heater for use in radiators, for the purpose of heating homes, which they claim will heat faster and store heat longer than any similar heater now on the market. They wish to secure the services of a distributor in this territory.

D-2833—Pacific Northwest Representation. San Francisco, Calif. Mr. Frank Jay Deffry, % Overland Freight Transfer Co., 214 Front St., San Francisco, Calif. (Phone—Davenport 4700), leaving San Francisco June 16 for Pacific Northwest, Spokane, Portland, Seattle and Tacoma. All business transacted—personal and commercial. References.

D-2836—Milwaukee, Wisconsin. Mr. Hyman Ledeen, Mechanical Engineer, 794 No. Cambridge Ave., Milwaukee, Wisconsin, is looking for a California manufacturing business, preferable machinery, that is now established, but is capable of expansion under the guidance of an experienced management engineer. He would like to know of such a firm which the owners would sell either outright, or by controlling interest, or by profit sharing management. He plans to visit California early this summer to investigate all propositions coming to his attention.

12952—Silvered Mirror Frames. Lodelinsart, Belgium. Victor Jacquet, Lodelinsart, Belgium, manufacturer of a line of patented silvered mirror frames wish to appoint Pacific Coast agents to sell their product, together with window glass, putty, etc.

12955—Covers and Drapes. Holland. Mr. J. H. Hymans, Secretary, Holland-American Chamber of Commerce, 53 Post St., San Francisco, Calif., represents company wishing to get in touch with firms interested in the importation of cotton and artificial silk covers and drapes in a large variety of design and shapes.

12957—Oregon Pine. Amsterdam, Holland. (Same as above), desires to get in communication with lumber exporters dealing in Oregon pine.

12960—Fire Extinguishing Apparatus. Athens, Greece. Antoine Anastassios Fils, 18 Rue Praxitelous, Athens, Greece, seeks connection with manufacturers of fire extinguishing apparatus.

12962—British Columbia Representative. Vancouver, B. C. Mr. R. T. Watkins, % Cosgrove & Co., Inc., 343 San in heavy lines, such as chemicals, fertilizers, colors, flotation oils, etc.

12965—Scrap Aluminum. Osaka, Japan. S. Sano & Co., No. 2 Higashi Shimizu Machi, Osaka, Japan, is in the market to purchase a large quantity of scrap aluminum and waste aluminum, to be used for remanufacture.

\$7,000,000 EXPENDED FOR STATE HIGHWAY CONSTRUCTION

More than \$7,000,000 in highway construction work has been placed under contract by the State of California since the beginning of the present biennium on July 1, 1927, according to Bert B. Meek, state director of public works.

The exact amount is \$7,102,508.65, and in addition work estimated at more than \$5,000,000 is in prospect for the next few weeks.

Showing that the highway-building program is being speeded up, Meek's figures reveal that contracts for the first twenty-four days of April total nearly double for any previous month in the ten-month period. Up to today, April contracts have amounted to \$2,315,658.08.

In July, 1927, highway awards amounted to \$1,221,994.60; August, \$723,664.70; September, \$749,550; October, \$421,312.80; November, \$297,312.30; December, \$378,746.55; January, 1928, \$233,361.27; February, \$268,184.37; March, \$492,813.98.

Engineering News Section

BRIDGES

SEATTLE, Wash.—Until May 18, 9:30 A. M., bids will be rec. by C. B. Bagley, Secty., Board of Public Works, to const. piers for steel bascule bridge and approach spans over West Waterway at West Spokane St., involy. 5200 cu. yds. excavation; 9000 cu. yds. conc.; 155 tons reinf. steel; 55,000 lin. ft. piling. Cert. check 5% payable to City Comptroller req. with bid. Plans obtainable from Secty. on deposit of \$10, returnable.

TEHAMA, Tehama Co., Cal.—I. W. Brunk, Coming, at \$8,000 awarded cont. by city to const. reinf. conc. bridge at NW entrance to city, includ. 2,000 cu. yds. fill.

OLYMPIA, Wash.—J. H. Tillman, 501 Pacific Ave., Santa Cruz, Calif., awarded contract by State Highway Commss. at \$238,510 to const. cantilever bridge over Columbia river at Kettle Falls, Ferry and Stevens counties. Bridge will be 1,219.98 lin. ft. with a 20-ft. roadway and two 2 ft. 6 in. sidewalks, to be cantilever steel bridge with concrete and timber approaches. Work involy. 600 cu. yds. struct. excav.; 700 cu. yds. A conc.; 135 cu. yds. B conc.; 1,355 cu. yds. C conc.; 190 cu. yds. E conc.; 135,000 lbs. steel reinf. bars; 2,245,000 lbs. struct. steel; 36,000 lbs. cast steel; 470 lbs. bronze expansion plates; 125 B. B. M. timber and plank; 40 lb. No. 26 gauge copper seal.

SAN MATEO COUNTY, Cal.—Steel-form Contracting Co., 651 Market St., San Francisco, awarded cont. for column clamps in connection with the San Francisco Bay bridge from Redwood City to Mt. Eden. Raymond Concrete Pile Co., general contractors.

DREDGING, HARBOR WORKS AND EXCAVATIONS

VENICE, Los Angeles Co., Cal.—See "Miscellaneous Building Construction" this issue. Long Beach Yacht Club harbor project.

SAN FRANCISCO—Until May 14, 11 A. M., under Order No. 3665, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and operate bucket dredges with necessary auxiliary plant, labor and materials for dredging at hourly rates in Sacramento river. Further information obtainable from above office.

LIGHTING SYSTEMS

CULVER CITY, Cal.—Until 8 P. M., May 7, bids will be rec. by city for ornamental light system in Washington Place and other streets, involy. 312 Marbellio Type 2500 Special Type Posts; A & I. D. No. 3. Paul Jarrett, city clerk. H. O. Hanford, city engineer.

MODESTO, Stanislaus Co., Cal.—City declares inten. to install street lighting system in 10th St., bet. H and Needham Sts., and in I St., bet. 9th and 11th Sts., including underground system; c. i. standards, Modesto Type No. 8, 1911 Act, Bond Act 1915. Protests May 23. H. E. Graeg, city clerk. Frank Rossi, city engineer.

SANTA PAULA, Ventura Co., Cal.—Until 7:30 P. M. May 21, bids will be rec. by city for ornamental lighting system in Santa Paula and other streets. 1911 and 1915 act. M. G. Demarest, city clerk.

SANTA BARBARA, Cal.—John R. Decker, 211 S. Santa St., Los Angeles, awarded cont. by city at \$18,200 for ornamental lighting system on State St. (Estadon) bet.

Cabrillo Blvd. and Micheltorena St., involy. 151 King Ferronite metal posts. Other bids were: Pacific Engineering & Construction Co., \$48,925; H. C. Reid Co., \$49,318; Underground Constr. Co., \$49,300; Conduit Const. Co., \$50,500; Henry B. Hull, \$53,000; Newberry Electric Co., \$53,126; Humphreus-Smith Co., \$60,785; California Electric Co., \$67,997.

MODESTO, Stanislaus Co., Cal.—City council grants petition of property owners to install electroliner system in 10th St. bet. H St. and Needham Ave. Frank Rossi, city eng.

MACHINERY AND EQUIPMENT

RENO, Nevada—Until May 23, 10 A. M., bids will be rec. by E. H. Beemer, county clerk, to fur. and del. one tractor of caterpillar type, not to exceed the value of \$2650; also fur. and del. one road maintainer or a light tractor. See call for bids under official proposal section in this issue.

DUNBAR, Tulare Co., Cal.—Until May 10, 7:30 P. M., bids will be rec. by W. J. Minville, city clerk, to fur. and del. one light touring automobile, fully equipped, to cost less than \$800. Cert. check 10% req. with bid. Further information obtainable from clerk.

RESERVOIRS AND DAMS

POMONA, Los Angeles Co., Cal.—E. M. Funk, 306 South First St., Arcadia, at \$12,800 sub. low bid to city to const. reinf. conc. reservoir of 5,000,000-gal. capacity with gate valves and overflow boxes and appurtenances.

WATER WORKS

LONG BEACH, Cal.—U. S. C. I. Pipe Co., Wright-Callender Bldg., Los Angeles, at \$286,498.20 awarded cont. by city to fur. and del. c. i. pipe.

LIVINGSTON, Merced Co., Cal.—City trustees rescind contract awarded to R. B. McNair, 2819 Rhoda St., Oakland, at \$26,133 to fur. and install de Lavand c. i. pipe water system, including hydrants, valves, etc., due to technicality. New bids will be received to be opened May 14. Plans on file in office of clerk.

LODI, San Joaquin Co., Cal.—City Eng. L. F. Barzellotti preparing plans for sprinkler system for Lawrence Park.

LINDSAY, Tulare Co., Cal.—Until May 14, 8 P. M., bids will be rec. by E. Bogart, city clerk, to fur. 874 ft. 10-c. I pipe, bell and spigot, f. o. b. Lindsay. See call for bids under official proposal section in this issue.

LINDSAY, Tulare Co., Cal.—Until May 14, 8 P. M., bids will be rec. by E. Bogart, city clerk, to fur. one belt driven centrifugal pump, capacity of 800 gal. per min. at 120 ft. head or 600 gals. 1 min. at 200 ft. head, suction fill. See c. for bids under official proposal section in this issue.

SAN FRANCISCO—City and Coun. of San Francisco votes bonds of \$41,000,000 to finance purchase of properties of the Spring Valley Water Company operate in connection with Hetch Hetchy municipal water supply.

LIVINGSTON, Merced Co., Cal.—Sterling Pump Co., Stockton, at \$28 awarded cont. by city to fur. and install pumps in connection with water system.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Byxbee estimates cost of proposed advisory park committee high school subway at the Embarcadero road crossing of the r. r. tracks, including street widening and paving at \$145,190. Preliminary plans have been submitted to Southern Pacific R. R., for consideration. Project will involve 20,100 cu. yds. excavation; 100,000 lbs. reinf. steel; 290,000 lbs. 1 beams; 15,500 lin. ft. sidewalks in subway; 100,000 lbs. reinf. steel in bridge; 200 cu. yds. reinf. concrete girder slab; 1500 sq. ft. sidewalks, etc.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 7, 9 A. M., bids will be rec. by S. A. Evans, city clerk, to const. complete, operative, modern municipal pumping plant, consisting of Diesel engines, pump, motors, generators, and all other necessary auxiliary equipment including pipes and valves, to provide capacity of six million gallons of water per twenty-four hours at the present Crossing Street Pumping Station under physical and discharge pressure conditions now existing, which will remain unchanged at increased capacity. Bidders will include in their proposals buildings and foundations, retaining wall, raw water sump, filtered water sump, exhaust chamber sump, and abutment in river. Also additional filters to meet present requirements, and chlorination apparatus for six million gallons. The capacity to be divided in two units. Cert. check 10% payable to city req. with bid. Spec. obtainable from City Eng. Roy Fowler on deposit of \$10, returnable.

MONTE VISTA, Cal.—Until 1 P. M. May 16, bids will be rec. by the Monte Vista County Water District to const. pipe line, fittings, valves, hydrants, metres, etc.; est. cost \$70,000.

MONROVIA, Cal.—City council awarded contracts for pipe for water system to American Cast Iron Pipe Co., Detwiler Bldg., Los Angeles, on mono-cast pipe; U. S. Cast Iron Pipe Co., Wright & Callender Bldg., Los Angeles, on DeLavand pipe; Crane Co., 321 E. 3rd St., Los Angeles, on lap-welded pipe; Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, on butt-weld. The exact amounts of pipe to be used in each case have not been determined but will be available as soon as the engineer, H. S. Glerlich, has checked the bids. Bids on riveted steel pipe were rejected. Bids on gate valves and laying of pipe were taken under advisement until May 7. Complete bids were noted in issue of April 29.

GRANT'S PASS, Ore.—City will hold election May 18 to vote bonds of \$400,000 to finance extensions to water system.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

SAN FRANCISCO—City and County San Francisco votes bonds of \$24,000 to finance const. of final links in connection with Hetch Hetchy municipal water project. Proposal received 93,333 votes in favor as compared with 11,503 against the issue.

SACRAMENTO, Cal.—Grinnell Co. of Pacific, 5th and Brannan Sts., San Francisco, at 36.6c ft. awarded cont. by city to fur. 8000 ft. 4-in. c. i. pipe.

SEWERS AND STREET WORK

SAN VALLEJO, Solano Co., Cal.—J. E. Munson, E and Weber Sts., Stockton, at \$13,149.30 awarded cont. by city to J. D. Georgia St., bet. El Dorado and Monterey Sts., involv. subgrade, \$1431.06; pave, \$11,686.99; sewers, \$31.25. Other bids: Hutchinson Co., Oakland, \$16,325; Luis Tagnon, \$17,314.

LIVINGSTON, Merced Co., Cal.—City trustees rescind contract awarded to R. McNair, Oakland, at \$34,985 to const. inf. conc. settling tank, sludge drying bed and 10-in. and 18-in. vit. pipe outfall. Action taken due to technicality. New bids will be considered May 14. Plans on file in office of clerk.

SALINAS, Monterey Co., Cal.—Until May 6, 7:30 P. M., bids will be rec. by R. Keef, city clerk, (69) to imp. Navidad St., bet. Market St. and S. P. spot, involv. grade and re-shape present waterbound macadam; const. hyd. conc. curbs, gutters; 2½-in. asph. macadam pave. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with 1. Plans on file in office of clerk. Edward Cozzens, city engineer.

SAN MATEO COUNTY, ETC., Cal.—Wohy Bros. and J. F. Shea Co., Sharon Bldg., San Francisco, at \$652,238 (eng. t. \$747,967) awarded, cont. by State Highway Comm., to grade and surface the crushed gravel or stone, 13.3 mi. in Salinas, Santa Clara and Santa Cruz counties, bet. La Honda and Saratoga av. Bid of J. F. Knapp, Turlock at \$1,331 was not considered due to the fact that bidder failed to accompany bid with required 10% certified check.

DEL NORTE COUNTY, Cal.—J. E. Johnston, E and Weber Sts., Stockton, at \$71,642 (eng. est. \$278,281) awarded cont. by State Highway Comm., to grade and surface with crushed gravel or stone, 3 mi. bet. Klamath River and Wilson Creek and const. four timber bridges. Bid of Wm. von der Hellen Co., C. D. Johnson and J. T. Logan of Medford, Ore., at \$260,251 was not considered due to the fact that bidders failed to accompany bid with required certified check or 10%.

LEMOORE, Kings Co., Cal.—W. H. Cortright, Hanford, at \$49,336.75 awarded cont. by city to const. sewage treatment plant, involv. 450 cu. yds. excav.; 20,200 cu. ft. grading, sludge bed; 350 cu. ft. conc. 4 sacks to yd.; 5900 cu. ft. conc. 5 sacks to yd.; 9600 cu. ft. conc. 6 sacks to yd.; 1056 cu. ft. rock in trick filter; 8,000 lbs. reinf. steel; aerator, mechanical equipment, motor; metal flumes and gates; clarifier mechanical equipment, incl. motor, etc.; activated sludge pump; siphon and mechanical equipment; trickling filter piping system, distribution piping, valves, etc.; water pump installation and motor; miscellaneous equipment, including wiring, switches, control equipment, cast iron pipe, steel pipe valves, hydrants, vitrified pipe, etc. Other bids: Holdener Constr. Co., 2608 E. St., Sacramento, \$50,233; Thos. F. Geary, Oakland, \$51,863.02; Pernel Barrett, Orange, \$52,272.54; Frederickson-Vatson Co., Oakland, \$54,692.14; Jasper-Tacy Co., San Francisco, \$56,631.54; Robt. E. McNair, Oakland, \$57,236.30.

LEMOORE, Kings Co., Cal.—J. J. Onaro Jr., Fairfax, at \$1986 awarded cont. by city to const. 8-in. vit. clay pipe sewer with manholes and T branches in portions of Magnolia Ave. Other bids: V. H. Cortright, Hanford, \$2009; E. W. Redman, Fresno, \$2167; Conrad Weil Jr., 2338.20; Thos. F. Geary, Oakland, \$2658.

MONTEREY COUNTY, Calif.—Fred Nighbert, 10 H St., Bakersfield, at \$31,440 awarded cont. by State Highway Commission to surface with bitum. macadam, 5.0-mi. bet. east boundary and Lamphora; eng. est. \$32,643.

OAKLAND, Cal.—Heafy-Moore Co., 344 High St., awarded cont. by city to imp. Funston Pl., bet. Fruitvale Ave. and pt. 335 ft. southeast, involv. excavation, \$1.04; vib. conc. curb, \$.75; Vib. conc. pave, \$.245; cem. walks, \$.17; 6x20-in. wood culvert, \$.3.

OAKLAND, Cal.—Oakland Paving Co., Bank of Savings Bldg., Oakland, awarded cont. by city to imp. portions of Fruitvale Ave., involv. excavation, \$1.23; conc. curb, \$.74; Vib. conc. pave., \$.245; cem. walks, \$.18; 10-in. pipe conduit with conc. cover, \$2.30; 12-in. conduit, \$2.50; 12-in. storm sewer, \$1.90; conc. box culvert with heinf. conc. top, \$4.50; conc. inlet with c. l. grating, \$.45; conc. handole, \$.15; man-hole, \$.17.50; storm water inlets, \$.55.

BURBANK, Los Angeles Co., Cal.—R. A. Wattson, 1026 McCadden Place, Los Angeles, at \$91,005 sub. low bid to city to const. interceptor connecting sewers with Los Angeles outfall. Under advisement.

NATIONAL CITY, San Diego Co., Cal.—Griffith Co., Los Angeles Railway Bldg., Los Angeles, at approx. \$199,045 sub. low bid to city to imp. portions of 1st, 2nd Sts., etc., involv. asph. conc. pave., etc. Under advisement.

CLAREMONT, Los Angeles Co., Cal.—Griffith Co., Los Angeles Railway Bldg., Los Angeles, at \$107,035 sub. low bid to city to imp. portions of Yale Ave., involv. grade; Durite pave.; curbs, gutters, etc. Under advisement.

SACRAMENTO, Cal.—H. Gould, 1022 27th St., Sacramento, awarded cont. by county to const. san. sewer in Willow St. from South Sacramento city limits to Laurel Ave., and the alley bet. West and East Aves., from south city limits of Sacramento to Laurel Ave.

EUREKA, Siskiyou Co., Cal.—Until May 8, 10 A. M., bids will be rec. by W. J. Neilson, county clerk, to grade and pave fronting county property in Main St., city of Eureka. Plans on file in office of clerk.

SAN FRANCISCO—Board of Public Works has requested supervisors to authorize call for bids to const. Section E of Alemany Blvd. bet. Orizaba St. and Junipero Serra Blvd., under Contract No. 5. Est. cost \$60,000.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (\$30) to imp. portions of Harding Way, involv. grade; conc. curbs, gutters; conc. walks; 2½-in. cementing gravel base, 3½-in. asph. conc. pave. with 1½-in. asph. conc. pave. County Boundary Line Act 1911. County of San Joaquin and city of Stockton will each pay \$10,000 of total cost which is estimated at \$90,000. Hearing May 14. A. L. Banks, city clerk. Eugene D. Graham, county clerk. H. B. Hogan, Stockton city engineer. P. E. Smith, San Joaquin county surveyor.

SACRAMENTO, Cal.—Until May 3, 5 P. M., bids will be rec. by H. G. Denton, city clerk, to reconstruct round corner located at 12th Ave. and Freeport Blvd. Cert. check 10% payable to City Controller req. with bid. Plans on file in office of clerk. Samuel Hart, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 8 P. M. bids will be rec. by John J. Lynch, city clerk, (4095) to imp. Morrison Ave. bet. The Alameda and San

Fernando St. and bet. San Fernando St. and Park Ave., involv. grade; 1½-in. asph. conc. surface; 2½-in. asph. conc. base pave.; hyd. conc. curb, walks, gutters; 4-in. vit. sewer lateral. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Wm. Popp, city eng.

MONO COUNTY, Cal.—Until May 23, 2 P. M., bids will be rec. by State Highway Comm. to grade 2.1 mi. bet. Dogtown and Point Ranch. See call for bids under official proposal section in this issue.

MARIN COUNTY, Cal.—Until May 23, 2 P. M., bids will be rec. by State Highway Comm., to grade and pave with Port. cem. conc. 4.9 mi., bet. Ignacio and Gallinas Creek. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4096) to imp. San Antonio St. bet. 24th St. and King Rd., involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. surface, 3-in. asph. conc. base pave.; hyd. conc. curb, gutter and walks; 4-in. vit. house sewer laterals; 4-in. c. l. lateral drains; hyd. cem. conc. culvert. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Wm. Popp, city eng.

PETALUMA, Sonoma Co., Cal.—City declares inten. (3701) to imp. Fifth St. bet. 1 and Mountain View Ave., involv. fill, grade; oil bound macadam pave.; cem. conc. gutter, curb. 1911 Act. Bond Act 1915. Protests May 7. Gladys V. Roberts, city clerk.

ANTIOCH, Contra Costa Co., Cal.—G. W. Cushing, 2005 Roosevelt Ave., Richmond, at \$14,531.50 awarded cont. by city to imp. portions of H. B. 8th, 9th and 1 Sts., involv. grade; hyd. conc. pave.; hyd. conc. curbs; corr. iron culverts; san. sewer. Other bids: M. T. Bevanda, \$15,874.30; Western Pav. Co., \$15,987; W. R. Meyers, \$16,725.70; W. S. Taylor, \$17,996.50; Immel & Seodel, \$18,727.85; McDonald Co., \$20,431.

SAN JOSE, Santa Clara Co., Cal.—Prentiss Paving Co., 5th and Keyes Sts., San Jose, awarded cont. by city (8) to imp. Juanita Ave. bet. Willow Glen Way and Pine Ave., involv. grade; 5-in. and 7-in. conc. pave.; conc. curb; unit bid, grade and pave., \$.212; curb, \$.70.

VENTURA, Ventura Co., Cal.—Until 11 A. M., May 16, bids will be rec. by county to widen and thicken pavement on Los Angeles Ave. east of Simi from Sta. 0 plus 30 to Sta. 48 plus 00, involv.: 1415 cu. yds. class A conc.; 96 expansion joints; 3200 lbs. steel dowels; 1300 cu. yds. sand cushions. Cert. check, 10%. L. E. Hollowell, clerk. Chas. W. Pettit, county surveyor.

BAKERSFIELD, Kern Co., Cal.—City council over-rides protests against paving 24th St. bet. H and Oak Sts., and bids will be asked at once. Project involves: 155,265 sq. ft. 3½-in. asph. base with 1½-in. Warrenite surface; 56,265 sq. ft. 4-in. asph. base with 1½-in. Warrenite surface; 211,521 sq. ft. grading; 9627 sq. ft. gutter; 4135 lin. ft. curb; 1275 lin. ft. culvert; 18,570 sq. ft. graded shoulders. Est. cost, \$55,663. W. D. Clarke, city eng. V. Van Riper, city clerk. 1911 and 1915 Acts.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SANTA BARBARA, Cal.—Cornwall Construction Co., 1111 E. Main St., Santa Barbara, Cal., at \$12,299.98 to imp. 1/2 mi. of 10-ft. Blvd. bet. State road and 10th St. incl. grading 5 in. conc. curb, gutter, manhole, walks, vit. sewer, storm water inlet, wide, exist. sidewalk, etc.

SANTA BARBARA, Cal.—Until May 9, 1917, bids will be rec. by Theo. J. M. M. Co., 1111 E. Main St., Santa Barbara, Cal., for imp. of Highway District No. 1, incl. grading and pave approx. 1/2 mi. of 10-ft. Blvd. bet. State road and 10th St. incl. grading 5 in. conc. curb, gutter, manhole, walks, vit. sewer, storm water inlet, wide, exist. sidewalk, etc.

NATIONAL CITY, San Diego Co., Cal.—Griffith Co., 502 E. A. Ry. Bldg., Los Angeles, awarded cont. by city at \$129,041 to imp. 1st St., Second St., Third St., E. Ave. and portions of other streets, incl. paving asphalt and conc. pave, etc.

OAKLAND, Cal.—California Construction Co., 225 Bush St., San Francisco, awarded cont. by city to imp. portion of Greenly Dr., incl. excav., excavation, \$1,03; conc. curb, \$75; conc. gutter, \$26; 12-in. Warrenite-Bit surface, 3 1/2-in. asphalt base pave, \$21; cem. walks, \$175; conc. inlet, \$70; 10-in. vit. pipe conduit with conc. cover, \$2.60; conc. box culvert with reinf. top, \$5; handhole, \$20; 21-in. pipe conduit, \$3; 18-in. do., \$2.50; 15-in. do., \$2.20; 10-in. do. without cover, \$1.70; storm water inlet, \$31-in. opening, \$75; storm water inlet, 21-in. \$70; conc. and wall, \$1 cu. ft.

YUBA CITY, Sutter Co., Cal.—County Surveyor Wm. Shearer preparing plans for temporary wooden bridge over gap in Nicholas Causeway caused by spring freshets; approx. 160-ft. will be rebuilt; est. cost \$12,500.

OAKLAND, Cal.—Heafey-Moore, 314 High St., Oakland, awarded cont. by city to imp. portions of Sterling, Columbian and Sumkist Drives, incl. excav., excavation, \$1.05; conc. curb, \$75; conc. gutter, \$26; 1-in. macadam base pave; 1 1/2-in. asphalt binder with 1 1/2-in. Warrenite-Bit surface, \$22; cem. walks, \$17; 8x21-in. corr. iron and conc. culvert, \$5; conc. inlet with c. i. top, \$19.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$7963 sub. low bid to city to imp. Esplanade from Pacific Ave. to Main St., and approach to Municipal wharf, incl. 37,100 sq. ft. grading to sub-grade; 37,400 sq. ft. 5-in. conc. pave; 9450 sq. ft. grading sidewalk space and surface with 1 1/2-in. vit. screenings; 980 lin. ft. cem. conc. curb; 100 lin. ft. 4-in. vit. clay pipe sewer lateral; 715 lin. ft. 8-in. vit. clay pipe sewer; 1 san. sewer br. manholes; 2 No. 3 conc. catchbasins; 30 lin. ft. 12-in. conc. drain pipe. Other bids, all under advisement, as: Granite Constr. Co., Watsonville, \$8982; W. E. Miller, Santa Cruz, \$9292.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$1153.50 awarded cont. by city to imp. Short St., bet. Front and Cooper Sts., incl. 5-in. conc. pave; conc. walks, curbs; c. i. catchbasins; conc. storm water drain culchule, vit. clay sewer laterals; w. i. water service connections; conc. meter boxes. Other bids: W. E. Miller, Santa Cruz, \$1210; Granite Constr. Co., Watsonville, \$7663.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$5923.50 awarded cont. by city to imp. portions of Cooper St. and Front St., incl. grading; 1-in. conc. pave; conc. curbs; walks; 1-in. water service connections; conc. meter boxes.

SACRAMENTO, Cal.—E. F. Hilliard, 1111 E. 1st St., Sacramento, awarded cont. by city to imp. alley bet. N. O. 13th and 14th Sts., incl. grading, vit. sewers, 1-in. water service connections, grade, sidewalk, etc.

Petaluma, Sonoma Co., Cal.—City Engineer, at \$2700 to imp. Fifth St., bet. 1st St. and Mountain View Ave., incl. grading; oil bound macadam; 1-in. conc. pave; conc. gutter, 1911 Act, 1915. Protests, May 11, 1917. A. J. F. city clerk.

SACRAMENTO, Cal.—A. Teichert & Son, 1816 37th St., Sacramento, awarded cont. by city to imp. 1st St., bet. Alhambra Blvd. and Seville Way, and portions of Granita Way, etc., incl. conc. curb, gutter, conc. manhole; c. i. drains; vit. sewers; asphalt conc. pave with seal coat; c. i. water mains.

OAKLAND, Cal.—Until May 10, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to fur. emulsified asphalt road oiling purposes. Bond of \$1000 req. of successful bidder. Spec. on file in office of clerk. Geo. N. Randle, city engineer.

LOS ANGELES COUNTY, Cal.—Lewis Construction Co., 426 South Spring St., Los Angeles, at \$44,652 (eng. est. \$53,791) awarded cont. by State Highway Comm. to grade 1.5 mi. bet. Arroyo Sequit and Los Misos Creek.

SACRAMENTO, Cal.—City declares intent (2213) to imp. alley along north boundary of S. P. right-of-way, an extension to the alley lying along south boundary of Wright and Kimbrough Tract No. 21 Addition, incl. conc. curb and gutter; c. i. drains; vit. sewers; reconst. manhole; grade; asphalt conc. pave with seal coat, 1911 Act, Bond Act 1915. Protests, May 17, H. G. Denton, city clerk. Samuel Hart, city eng.

SAN FRANCISCO—Until May 16, 3 P. M., bids will be rec. by Board of Public Works to const. 2x3 ft. reinf. conc. sewer in Wawona St., bet. 25th and 31st Aves. Est. cost \$25,000. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SHASTA COUNTY, Cal.—Following are three low bids rec. May 2 by State Highway Comm. to surface with crushed gravel or stone, 17 mi. bet. Montgomery creek and 2 mi. west of Burney: A. Milne, 770 Mason St., Portland, Ore., \$33,750
J. P. Brennan, Redding, 38,380
J. F. Collins, Stockton, 41,859
Eng. estimate, \$47,355.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 14, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (412-C) to imp. Minnie St., bet. North Branciforte Ave. and its westerly termination, incl. 5-in. conc. pave; conc. curb, walks, sidewalk approaches, vit. clay lateral sewers; w. i. water service connections; conc. meter boxes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Roy Fowler, city eng.

SACRAMENTO, Cal.—C. R. Fiedler, 3130th St., Sacramento, awarded cont. by city to imp. alley bet. M. N. 2nd and 3rd Sts., incl. vit. sewers, reconst. manhole and catchbasins, 1-in. water service connections, grade, hyd. conc. pave, conc. retaining wall.

LOS ANGELES, Cal.—McCray Co., 4482 East Worth St., at \$373,225 sub. low bid to Bd. Pub. Wks. to imp. Meyler St. and 21st St., incl. grading; conc. pave; resurfacing; curbs; walks; gutters; street lighting system; storm drain; san. sewer.

Geo. R. Curtis Paving Co., 2440 East 26th St., low at \$90,138 to imp. La Cienega Blvd. bet. Santa Monica and Beverly Blvds., incl. grading; conc. and asphalt conc. pave; curbs; walks; water system, etc.

EL DORADO COUNTY, Cal.—Following are three low bids rec. May 2 State Highway Comm. to grade 3.2 mi. bet. Eagle Falls and Meeks Bay: G. C. Coptoulos, S. F., \$35.0
N. Lovelace, Oakland, 51.6
Tieslau Bros., Berkeley, 51.9
Eng. estimate 59.8

LOS ANGELES, Cal.—Until May 28, P. M., bids will be rec. by county to imp. Hawthorne Ave. bet. Redondo-Torrans Road and State St., incl. in the main grading; 102,505 sq. ft. 8-6-6-8-in. vit. conc. pave; 122,000 sq. ft. 5-in. disintegrated rock sub-base, etc.

Bids, same date, to imp. Vernon at Downey Road bet. Garfield Ave. and I St., incl. in the main; grading; 457 100 sq. ft. 6-in. to 8-in. conc. pave; 537 318 sq. ft. 5-in. disintegrated rock or oil macadam sub-base; curbs, walks, etc. Plans on file in office of county clerk.

INGLEWOOD, Los Angeles Co., Cal.—City Eng. Willis Pepper completes spec. to imp. Redondo Blvd. bet. Greville Ave. and West Blvd., incl. 8-in. cem. conc. pave; 30 to 38-ft. wide. Est. cost \$287,500.

RIVERSIDE, Riverside Co., Cal.—Sully Miller Construction Co., 1500 W 7th St. Long Beach, at \$42,294 for imps. in Road Dist. Imp. 20, Riverside St., etc., 3.6-m. incl. 5-in. asphalt conc. pave, etc. Sully-Miller Co. at \$71,900 awarded cont. for imps. in Road Dist. No. 21, incl. 8,450 cu. yds. excavation; 278,050 sq. ft. 3-in. asphalt conc. base, 2-in. Willh surface pave.

LOS ANGELES, Cal.—Until May 28, 2 P. M., bids will be rec. by county to const. sewers in Co. Imp. 578, Belvedere Gardens Unit No. 2, Duncan Ave., etc. incl. 4.15-m. cem. sewer. Est. cost \$65,688. Plans on file in office of county clerk.

LOS ANGELES, Cal.—Until May 28, P. M., bids will be rec. by county for imps. in Co. Imp. No. 646, Beverly Blvd. bet. Norwich and Doheny Drives, incl. in the main; grading; 209,032 sq. ft. 8-in. conc. pave; 118,766 sq. ft. 6-in. and 90,400 sq. ft. 8-in. disintegrated rock base, reinf. conc. pipe, etc.

Bids, same date, to imp. Co. Imp. 682 12th St. bet. Grape and Antelope Aves. Lancaster, incl. in the main; grading 115,379 sq. ft. oil and rock wearing surface, etc.

Plans on file in office of clerk.

OAKLAND, Cal.—Hutchinson Co. Great Western Power Bldg., Oakland, awarded cont. by city to imp. 24th St., bet. Wood and Magnolia Sts., incl. excav., \$1.40; conc. curb with steel guard, \$1.15; conc. gutter, \$3.35; 3-in. Warrenite-Bit surface with 4-in. asphalt conc. base pave, \$2.97; 15-in. pipe sewer with conc. cover, \$4.50; 15-in. do. without cover, \$4.35; 24-in. sewer, \$6.50; 10-in. pipe conduit, \$2.55; 12-in. pipe conduit with conc. cover, \$3.80; 12-in. pipe conduit without cover, \$3.40; manhole, \$110; storm water inlet, \$75; catchbasin, \$100.

OAKLAND, Cal.—Joe Pestana, 2622 E 10th St., Oakland, awarded cont. by city to sewer Block C of Toler Heights, incl. 8-in. pipe, \$1.55; lamp hole, \$18; wye branches, \$30.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold preparing spec. to pave Avon Rd. from Bay Point Highway to pt. 1 mi. south.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.
Phone KEARNY 1885

SAN FRANCISCO

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., May 23, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Marin County, between Ignacio and Allinas Creek (IV-Mrn-1-A), about four and nine-tenths (4.9) miles in length, to be graded and paved with Portland cement concrete.

Mono County, between Dogtown and Joint Ranch (IX-Mno-23-I), about two and one-tenth (2.1) miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.
Dated: April 25, 1928.

NOTICE CALLING FOR SEALED BIDS
(C. I. Pipe—Lindsay, Calif.)

Sealed bids will be received by the City Council of the City of Lindsay up to 8 o'clock P. M., May 14th, 1928, for furnishing the following:

874 feet 10-inch Cast Iron Pipe, Bell and Spigot, f. o. b. Lindsay, Calif. Bidder must specify Class of pipe bid is on, or number of pounds pressure pipe will stand.

The City Council reserves the right to reject any or all bids.

Bid, to be marked, "Bid on Cast Iron Pipe."

E. V. BOGART,
City Clerk. 37

NOTICE CALLING FOR BIDS
(Pump—Lindsay, Calif.)

Sealed bids will be received by the City Council of the City of Lindsay, up to 8 o'clock P. M., May 14th, 1928, for the furnishing and installation of

One, Belt Drive, Centrifugal Pump, having a capacity of 800 gallons per minute at 120 foot head or 600 gallons

per minute at 200 foot head, suction nil. Said pump to be installed in pump house at Plant 3, City Water Works and to be equipped with requisite pulley to meet speed requirements of pump connected with Gasoline Engine Jack Shaft, Engine Pulley being sixteen inches in diameter, ten inch face, Engine Speed 1200 R. P. M.

Bidder to show in bid the efficiency of pump under both of the above heads, and which efficiency shall be guaranteed by the bidder.

The said pump to be installed ready for operation and for connection to seven inch standard pipe suction and to ten inch cast iron pipe discharge, bidder to furnish connections for same to pump.

The City council reserves the right to reject any or all bids.

Bids to be marked, "Bid on Centrifugal Pump," and delivered to the City Clerk of the City of Lindsay not later than 8 o'clock P. M., May 14th, 1928.

Certified or Cashier's Check for ten per cent of the amount of the bid must accompany bid.

Manner of installation to be shown in bid, either by description or sketch or both.

E. V. BOGART,
City Clerk. 37

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 414 Highway Building, 11th and P Streets, Sacramento, California, until 2 o'clock P. M., May 14, 1928, at which time they will be publicly opened and read, for performing work as follows:

In San Joaquin County, across the South Fork of the Mokelumne River at New Hope (X-S.J.-53-A) about two hundred eighty (280) feet in length, to remove present timber approaches and dolphins and construct new timber approaches to draw bridge.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.
By R. E. PIERCE
Acting District Engineer, Dist. X
Dated: May 2, 1928. 37

NOTICE TO CONTRACTORS
(Walnut Creek School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Walnut Creek School District, Walnut Creek, Contra Costa County, California, until 7 o'clock P. M., 14th day of May, 1928, at the present Grammar School Building, Walnut Creek, California, for the erection and completion of new grammar school building and alterations and additions to the present grammar school building at Walnut

Creek, Contra Costa County, California, according to plans and specifications prepared for the same by Coffman-Sahlgren-Stafford, the authorized architects. And adopted by the Board of Trustees of the Walnut Creek School District on the 23rd day of April, 1928.

Bids will be received for the Concrete and Mason and Brick Work combined; for the Carpenter Work; for the Plastering Work; for the Painting Work; for the Roofing Work; for the Plumbing Work; for the Heating Work; for the Sheet Metal Work; for the Electrical Work; for the Concrete, Mason, Brick Work and Carpenter Work combined; for the Plumbing and Heating Work combined; for the Plumbing, Heating, Sheet Metal and Electrical Work combined. All with alternate propositions.

Plans and specifications can be seen during office hours at the office of the Clerk of said Board at Walnut Creek, California, and may be seen at or obtained from the offices of the architects, 602 Plaza Bldg., Sacramento, California.

A cash deposit of \$25 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the return of the same.

All bids shall be presented on blank forms which may be procured from the office of the architects.

Each bid shall be accompanied by a certified check on some responsible California bank for a sum not less than ten per cent (10%) of the amount of the bid, made payable to Morgan Jones, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten (10) days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work and in case the bidder to whom the contract is awarded fails to, or refuses to enter into said agreement, or to furnish said bonds, said check shall be forfeited to the School District, in the manner provided by law. The Board of Trustees will not accept a bidder's bond in lieu of a certified check.

Each bid must be enclosed in a sealed envelope and addressed to Mr. Morgan Jones, Clerk of the Board of Trustees, Walnut Creek School District, and endorsed "Proposal for Construction of Grammar School Buildings."

The Board of Trustees expressly reserves the right to reject any or all bids and to waive any informality in any bid received and to continue the award of the contract at the pleasure of the Board.

By order of the Board of Trustees of Walnut Creek School District.

By MORGAN JONES,
Clerk. 37

NOTICE TO CONTRACTORS
(Tubercular Unit—Santa Cruz County)

Office of the Board of Supervisors of the County of Santa Cruz, State of California.

Sealed bids are invited by said board of supervisors for the construction of a one-story frame building as a unit for the Santa Cruz County Hospital, Santa Cruz County, California, in accordance with the plans and specifications, strain-sheets and working details therefor, prepared by L. D. Esty, and approved by said board of supervisors, and filed in the office of the county clerk April 23, 1928.

Copies of plans and specifications, strain-sheets and working details may be obtained from the county clerk on deposit of \$5, which will be refunded upon the return of said copies in good condition.

Bids will be received up to and including 4 o'clock P. M. on May 23, 1928, at which time said bids will be publicly opened.

Said bids must be addressed to the Clerk of the Board of Supervisors and

County, between Tinnemaha Dam and Big Pine (IX-Iny-23-B-C), about six and eight-tenths (6.8) miles in length, to be surfaced with oil treated crushed gravel or stone.

Inyo County, between Diaz Lake and Alabama Gate (IX-Iny-23-1), about eight and five-tenths (8.5) miles in length, to be graded and surfaced with crushed gravel or stone oil treated.

Yolo County, between the Yolo Causeway and one and one-half miles east (X-Yolo-C), about one and five-tenths (1.5) miles in length to graded and oil treated rock borders constructed.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located in Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,

State Highway Engineer.

Dated: May 2, 1928.

STATE HIGHWAY COMMISSION TO RELIEVE UNEMPLOYED

Arrangement of California's highway building program so that the work will be continuous rather than seasonal, thus eliminating to a certain extent unemployment in that end of the state's industry, in contemplated by the state administration.

Efforts of officials toward this end were disclosed by E. B. Meek, director of public works.

Speeding of highway construction was started several weeks ago in an effort to reduce unemployment as much as possible during the early spring, and to this end has succeeded materially.

Meek reports his engineers have advised him recent contract awards have had the effect of taking up considerable slack in labor conditions, and at the same time have been advantageous to the state, for the contractors, in their attempts to hold their organizations together and to keep their equipment in operation, have submitted very low bids.

Aside from this, Meek reported the contractors have been co-operating by getting the jobs on which they have been given contracts under way as rapidly as they can assemble their machinery.

The contractors, the public works director said, at present are rushing their work, in some instances with augmented crews, in an attempt to clear up the jobs they now are on before winter sets in.

Two jobs which will do much to provide work for great forces of men are the grading and surfacing of more than six miles of the Pacific Highway in Shasta County, on which a contract was awarded this week, and the grading and surfacing of a long unit of the Skyline Boulevard on which an award is expected within a few days.

CONSTRUCT A HOME TO SUIT THE PURSE SAYS ARCHITECT

In planning a modern home there are many features that can be eliminated in the interests of economy, but there is one thing the prospective home builder just cannot get along without—money.

"Don't try to build a bigger or better house than you can pay for," said Gwynn Officer, Berkeley architect, in a talk before the Knights of the Round Table at the Hotel Oakland.

The architect can stretch a dollar until it cracks, if necessary, but there are certain limits that no amount of clever planning can pass.

"Every architect who has had experience in dealing with clients can tell you that there is the strongest kind of tendency in the average person to want more house than he has money for."

"When you go to an architect, tell him, the first thing, how much you have to spend. We'd like to forget about this in planning a home, but it can't be done."

The California home builder, on account of the even climate, has many advantages over the builder in the east and north, Officer pointed out.

Dealing with various types of roofing materials, Officer said that the element of fire hazard with respect to the shingle roof has been over-rated. He said he did not agree with some authorities that the Berkeley fire proved the extra hazard of shingle roofs. Most of the houses on that occasion, he said, caught fire from the inside and not from the roof.

INTERNATIONAL CEMENT CORP. TO ACQUIRE TWO NEW PLANTS

Negotiations by the International Cement Corporation for the acquisition of two new plants in the United States are now pending, according to announcement made in connection with its new financing.

The corporation, which owns practically all of the stock in ten separate companies operating eleven plants in the United States, Cuba and South America, is represented on the investment market through the offering of \$18,000,000 twenty-year 5 per cent convertible debentures by Hayden, Stone & Co., at 97, to yield about 5.25 per cent. Application will be made to list on the New York Stock Exchange.

A continuous growth has been enjoyed by the company since its incorporation in 1919. Taking into consideration the two plants mentioned above, the number of plants have increased from five to thirteen, productive capacity has grown from 2,800,000 barrels to 20,000,000 barrels, while net tangible assets have risen from \$6,507,497 to \$49,000,000.

The privilege of converting these debentures into common stock is given to holders in the ratio of from eleven shares to eight for each \$1000 debenture up to May 1, 1948.

What architects and all who build have learned to expect from Quandt craftsmanship:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

NOTICE TO BIDDERS

Chain Link Wire Fence—Eureka, Calif.)

Notice is hereby given that sealed proposals or bids will be received at the office of the City Clerk in the City Hall on or before 8 P. M. on Monday, May 7, 1928, for the construction of a chain link wire fence around a portion of the Elk and Deer paddocks in Sequoia Park according to the plans and specifications thereof now on file in the office of said City Clerk and a copy of which may be obtained at the office of the City Engineer.

All proposals or bids shall be accompanied by a check payable to the City of Eureka and certified by a responsible bank for an amount which shall not be less than ten per cent of the aggregate of the proposal, or by a bond for the said amount and so payable, signed by the bidder and two sureties, who shall justify, before any officer competent to administer an oath, in double the said amount, and over and above all statutory exemptions.

The Council reserves the right to reject any or all bids.

Dated this 26th day of April, 1928.

A. WALTER KILDALE,
City Clerk of the City of Eureka, and
Ex-officio Clerk of the Council of
said City.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, at Redding, California, until 2:00 P. M., Monday, May 21, 1928, at which time they will be publicly opened and read, for performing work as follows:

The erection and completion of a farmman's cottage, bunkhouse, truckshed, blacksmith shop, woodshed, oil house and septic tank at the Ft. Goff Creek Maintenance Yard in Siskiyou County.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10%) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,

State Highway Engineer.

By H. S. COMLY,

District Engineer, Dist. II

Dated May 2, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on May 31, 1928, at which time they will be publicly opened and read, for construction of a bridge with the specifications hereinafter set forth, which specifications are on file in the office of the State Highway Engineer, at Sacramento, California.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1066	Ferro	Owner	1750
1067	Janssen	Owner	8000
1068	Marracci	Rospi	1000
1069	Manning	Owner	145000
1070	Pappas	Owner	10000
1071	Sorenson	Owner	34000
1072	Salvation	Gayton	4500
1073	Salvation	Gayton	7000
1074	Herrick	Owner	100000
1075	Wing	Coburn	25000
1076	American	Owner	1500
1077	Burger	Owner	1500
1078	Boin	Owner	8000
1079	Baker	Owner	5000
1080	Excelsior	Braas	1900
1081	Frugoli	Owner	42000
1082	Howell	Hoyt	1490
1083	Kellogg	Fontanella	1400
1084	Pacific	Sanford	3000
1085	Parente	Chisholm	9000
1086	Rogers	Owner	12000
1087	Silsan	Owner	1475
1088	Sala	Owner	4000
1089	Bouton	Sandow	1000
1090	California	Owner	1500
1091	Pacific	Owner	25000
1092	Tait's	Mullen	1000
1093	Arata	Carlsen	8000
1094	Carlson	Owner	6000
1095	Genocchio	Owner	1550
1096	Holmes	Owner	4000
1097	Homes	Owner	41000
1098	Kinney	Chisholm	2000
1099	Manning	Owner	55000
1100	Mulcahy	Fetz	3000
1101	Resnick	Hummer	2000
1102	Schulken	Papenhausen	9000
1103	Stoneson	Owner	9000
1104	Sommer	Sommer	10000
1105	Standard	Owner	4000
1106	Anker	Fletcher	3642
1107	Berger	Owner	4000
1108	Colligan	Klung	2382
1109	Coleman	Owner	34000
1110	Cooley	Epp's	1000
1111	Ganzel	Fagerberg	1000
1112	Holmes	Owner	3500
1113	Holmgren	Owner	12000
1114	Keeley	Owner	8000
1115	Kremlig	Owner	11000
1116	Lange	Dorr	6000
1117	Marconi	Garelli	30000
1118	Marchi	Ferroni	8000
1119	Micheletti	Carras	2000
1120	Stempel	Owner	86000
1121	Samuelson	Owner	9000
1122	Swift	Owner	4000
1123	Caesar	Owner	4000
1124	Vanderleith	Hama	4000
1125	Whitlock	Owner	8000

REPAIR FIRE DAMAGE

(1066) 2801 23rd St.; repair fire damage in bakery.
Owner—G. Ferro, 2801 23rd St.
Architect—None. \$1750

FLATS

(1067) E DIVISADERO ST 150 N Francisco; 2-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg.
Architect—None. \$8000

GARAGE

(1068) 35 VALPARISO; install private garage.
Owner—L. Marracci, 35 Valpariso.
Architect—None.
Contractor—F. Rospi, 427 Greenwich St. \$1000

APARTMENTS

(1069) W FRANKLIN 82.84 S Washington; 6-story reinforced concrete (42) apts.
Owner—Manning Baldwin Co., 485 14th
Architect—J. C. Hladik, Monadnock Bldg. \$145,000

ALTER & REMODEL

(1070) E POTRERO AVE 45 S 16th St.; alter and remodel flats and stores.

Owner—Pappas Bros., 311 Potrero Ave.
Architect—Frank M. Weber, 4867 Mission St. \$10,000

APARTMENTS

(1071) E LARKIN 50 N Vallejo; 3-story and basement frame (18) apts.
Owner—H. R. Sorenson, 58 Sutter St.
Architect—J. C. Hladik, Monadnock Bldg. \$34,000

GARAGE

(1072) REAR of 801 SILVER AVE; install 1-story concrete private garage.
Owner—The Salvation Army, 36 McAllister St.
Architect—None.
Contractor—Geo. T. Gayton, 36 McAllister St. \$4500

DWELLING

(1073) N SILVER 590 E Cambridge; 1-story and basement frame dwelling.
Owner—The Salvation Army, 36 McAllister St.
Architect—Geo. T. Gayton, 36 McAllister St. \$7000

APARTMENTS

(1074) SE WALLER and LAGUNA; 6-story Class C apts.
Owner—W. Van Herrick, 710 Hearst Bldg.
Architect—J. C. Hladik, Monadnock Bldg. \$100,000

ADDITION

(1075) SW STOCKTON and JACKSON; erect additional story on rooming house.
Owner—Mr. Wing, 712 Hearst Bldg.
Architect—Franklin Dakin, 712 Hearst Bldg.
Contractor—Ira W. Coburn, 711 Hearst Bldg. \$25,000

ALTERATIONS

(1076) NE FILLMORE AND CALIFORNIA. Alter and remodel shop, work room and living quarters.
Owner—American Trust Co., 464 California St., San Francisco.
Architect—None. \$1500

ALTERATIONS

(1077) NO. 375 VALLEY ST., Alter and remodel flats.
Owner—George Burger, 375 Valley St., San Francisco.
Architect—None. \$1500

DWELLINGS

(1078) E TWENTY-SIXTH 100 and 125 S Moraga. Two one-story and basement frame dwellings.
Owner—Boin & Castleberry, 2207 Sutter St., San Francisco.
Architect—None. \$4000 each

DWELLING

(1079) S HEAD 130 W Ashton. One-story and basement frame dwelling.
Owner—E. C. Baker, 583 Ramsell St., San Francisco.
Architect—None. \$5000

ALTERATIONS

(1080) NO. 237 POST ST. Install new store front and stairs to mezzanine floor.
Owner—Excelsior Cutlery, Premises.
Architect—Ward & Blohme, 310 Sansome St., San Francisco.
Contractor—Braas & Kuhn Co., 1919 Bryant St., San Francisco. \$1900

APARTMENTS

(1081) E CERVANTES 240 N Fillmore. Three-story and basement frame (18) apartments.
Owner—Mae Frugoli, 2162 Union St., San Francisco.
Architect—None. \$42,000

STORE

(1082) E POLK 100 N Union. One-story frame store.
Owner—John Howell, Wells Fargo Bldg., San Francisco.
Architect—G. M. Cantrall, 45 Second St., San Francisco.
Contractor—H. P. Hoyt, 45 Second St. \$4500

GARAGE

(1083) 2205 SACRAMENTO. Install private garage.
Owner—L. Kellogg, Premises.
Architect—A. H. Knoll, 222 Kearny St., San Francisco.
Contractor—Louis Fontanella \$1400

GARAGE

(1084) E CAROLINA 70 N Seventeenth St. One-story frame private garage.
Owner—Pacific Petroleum Products Co., Box F, Richmond, Calif.
Architect—None.
Contractor—P. M. Sanford, Richmond, Calif. \$3000

ALTERATIONS

(1085) SW HYDE AND GEARY STS. Alter entrance of apartments and install partitions for stores.
Owner—A. Parente, 2205 Powell St., San Francisco.
Architect—None.
Contractor—R. A. Chisholm, 666 Mission St., San Francisco \$9000

DWELLING

(1086) E THIRTIETH AVE 25, 50 and 75 N Kirkham. Three one-story and basement frame dwellings.
Owner—John W. Rogers, 1695 21st Ave., San Francisco.
Architect—R. R. Irvine, Cal Bldg., San Francisco. \$4000 each

ALTERATIONS

(1087) NO. 224 UPPER TERRACE. Alter and remodel dwelling.
Owner—A. J. Silsan, Premises.
Architect—None. \$1475

DWELLING

(1088) W THIRTY-FOURTH AVE 37-6 S Irving. One-story and basement frame dwelling.
Owner—H. A. Sala, 925 Irving St., San Francisco.
Architect—None. \$4000

REPAIRS

(1089) NO. 267 FOURTEENTH AVE. Repair fire damage.
Owner—Wm. E. Bouton, Premises.
Architect—None.
Contractor—Harry L. Sandow Inc., 1865 Oak St., San Francisco. \$1000

STATION

(1090) INTERSECTION BURNETT & Portola. One-story steel service station.
Owner—California Petroleum Corp., 311 California St., San Francisco.
Architect—Owner. \$1500

BUILDING

(1091) BAY bet. Laguna and Buchanan One-story brick building and brick fence (building used as gas compressor).
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Owner. \$25,000

ALTERATIONS

(1092) NO. 2539 MISSION. Alter and remodel restaurant.
Owner—Tait's Inc., Premises.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch St., San Francisco. \$1000

FLATS

(1093) S FRANCISCO 143-9 W Broderick. Two-story and basement frame (2) flats.
Owner—G. Arata, 1926 Taylor St., San Francisco.
Architect—None.
Contractor—P. S. Carlsen, 1456 Willard St., San Francisco. \$8000

FLATS

(1094) W TWENTY-FIRST AVE 125 N Santiago. Two-story and basement frame (2) flats.
Owner—J. F. Carlson, 2637 21st St., San Francisco.
Architect—None. \$6000

Owner—Wm. A. Lange, 454 Montgomery St., San Francisco.
 Architect—Shea & Shea, 454 Montgomery St., San Francisco.
 Contractor—Arthur D. Dorr, 33 Balceta St., San Francisco.
 Filed April 28, '28. Dated April 26, '28.
 On 5th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$6395
 Bond, \$6395. Sureties, O. D. Dorr and W. Pearce. Limit, June 30, 1928.
 Forfeit, none. Plans and specifications filed.

ADDITION
 176) N RIVERA 108 E Nineteenth Ave No. 824 Rivera. All work for addition to residence.
 Owner—Catherine Barrett, Mary H. and Frank J. Collingan, Premises.
 Architect—None.
 Contractor—Otto J. F. Klung & Son, 2084 16th Ave., San Francisco.
 Filed April 30, '28. Dated April 30, '28.
 Foundation in \$550
 Frame up 700
 Rough plaster on 700
 Completed 532
 Usual 35 days..... 500
TOTAL COST, \$2932
 Bond, none. Limit, 60 days. Forfeit, \$2.
 Plans and specifications filed.

ADDITION
 175) N BROADWAY 100 W Vallejo N 275 W 75 S 137-6 W 70 S 137-6 E 135. All work for miscellaneous and ornamental metal work for addition to Dante Hospital.
 Owner—Italian Hospital and Benevolent Association, Premises.
 Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
 Contractor—California Artistic Metal & Wire Co., 349 7th St., San Francisco.
 Filed April 30, '28. Dated April 27, '28.
 On 10th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$6886
 Bond, \$3433. Surety, Fidelity & Deposit Co. Limit, 120 days. Forfeit, plans and specifications, none.

REFRIGERATOR WORK
 (178) SE POWELL & Sutter, 138-5 and 115-9; refrigerator work on 21-story hotel bldg.
 Owner—Huchins Newcomb Hotel Co., by Lindgren & Swinerton Inc., 225 Bush St., S. F.
 Architect—Weeks & Day, Financial Center Bldg., S. F.
 Contractor—York Ice Machinery Corp., 234 9th St., S. F.
 Filed May 2, 1928. Dated March 27, 1928.
 Payments shown on exhibits not attached.
TOTAL COST, \$4000
 Bond, \$4000; sureties, Pacific Indemnity Co.; forfeit, none; limit, Sept. 1, 1928; plans and spec. filed.

FLAT BLDG.
 (179) N FILBERT 190 W Buchanan. 27-6 and 120; all work two-story frame flats bldg.
 Owner—John Marchi, 2060 Union St., San Francisco.
 Architect—None.
 Contractor—G. Ferroni, 1968 Filbert St., S. F.
 Filed May 2, 1928. Dated April 30, 1928.
 Frame up..... \$2,000
 Brown coated..... 2,000
 Completed and accepted..... 2,000
 35 days after..... 2,000
TOTAL COST, \$8000
 Bond, sureties, none; forfeit, \$5; limit, 120 days; plans and spec. filed.

ORNAMENTAL IRON WORK
 (180) NW MISSION & Norton W 50 x N 100; ornamental iron work, etc., for bank building.
 Owner—The Hibernia Savings & Loan Society, Jones and McAllister Sts.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Contractor—Michel & Pfeffer Iron Wks., Harrison and 10th Sts., S. F.
 Filed May 2, 1928. Dated April 26, 1928.
 Completed and accepted..... \$2568.75
 35 days after..... 856.25
TOTAL COST, \$3425
 Bond, \$3425; sureties, Fidelity & Deposit Co.; forfeit, \$10; limit, as required; plans and spec. filed.

WEATHER STRIP
 (181) NW MISSION & Norton W 50 x N 100; weather strip for bank bldg.
 Owner—The Hibernia Savings & Loan Society, Jones and McAllister Sts.

Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Contractor—Parker Weather Strip Co., 4328 Geary St., S. F.
 Filed May 2, 1928. Dated April 26, 1928.
 Payments same as above.
TOTAL COST, \$4796
 Bond, \$4796; sureties, Pacific Indemnity Co.; forfeit, none; limit, as required; plans and spec. filed.

ICE WATER PIPE COVERING
 (182) NW MISSION & Norton W 50 x N 100; ice water pipe covering for bank building.
 Owner—The Hibernia Savings & Loan Society, Jones and McAllister Sts.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Contractor—Western Asbestos Magnesite Co., 25 South Park, S. F.
 Filed May 2, 1928. Dated April 26, 1928.
 Payments same as above.
TOTAL COST, \$5400
 Bond, \$5400; sureties, Pacific Indemnity Co.; forfeit, none; limit as required; plans and spec., none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
April 25, 1928	LOT 39 BLK 2957 A Sub No 3 Miraloma Pk. W 21st Ave 125 N Wawona N 50 x W 120.	Meyer Bros	to whom it may concern.....April 24, 1928
April 25, 1928	LOT J BLK 2273 being ptn lots 14 and 15 blk 3273 as per map of blks 3260, 3263, 3273 and 3274 Monterey Heights also known as 1355 Monterey Blvd. Richard H Bell to whom it may concern.....April 25, 1928		
April 25, 1928	NE HOLLISTER AVE 200 SE Ingalls SE 25 x NE 100 NW 25th 100 NW 25th 100 NW 25th SW 100 to beg lot 33 blk 552 Bay Park Hd Assn. Joseph S Fratessa.....April 23, 1928		
April 25, 1928	E BRUSSELS 200 N Wilde Ave N 50 x E 120 ptn blk 34 map lands of Paul Tract Hd Assn. Victor C Fratessa to whom it may concern.....April 14, 1928		
April 24, 1928	W 30th AVE 225 N SANTIAGO 25 ft. frontage. Frederick William Behnke to Ruegg Company.....April 23, 1928		
April 27, 1928	NO. 5839 CLOVER DR. Oakland. Adolph Morgensen to whom it may concern.....April 25, 1928		
April 27, 1928	SE PARTRIDGE AVE 419.47 E Ney Ave., Oakland. August Roseberg to whom it may concern.....April 26, 1928		
April 27, 1928	SW SUNNYHILLS AND Grosvenor Roads, Oakland A F St. Sure to Walter Sorensen.....April 24, 1928		
April 27, 1928	W SAN PABLO AVE 26 S Athens St., Oakland. Joseph Lopes to Spivock & Spivock.....April 27, 1928		
April 27, 1928	NO. 2175 THIRTY-eighth Ave., Oakland. Geo Sandeman to Thomas O Reese.....April 27, 1928		
April 25, 1928	LOT 79 Lakeshore Manor, Oakland. B S Hanson to B S Hanson.....April 24, 1928		
April 26, 1928	SW EAST 16th ST. and 23rd Ave., Oakland. James B Peterson to whom it may concern.....April 25, 1928		
April 26, 1928	LOT 22 BLK B Durant Manor Tract, Oakland. W R Oakley to whom it may concern.....April 26, 1928		
April 25, 1928	541 BLAIR AVE., Piedmont. Lovida E Davis to William H Hooper.....April 23, 1928		
April 25, 1928	1415 SANTA FE AVE., Berkeley. Grover Ellam to whom it may concern.....April 24, 1928		
April 25, 1928	30 ELROD AVE., Oakland. Eugene T. Sullivan to whom it may concern.....April 24, 1928		
April 24, 1928	PTN LOTS 17 & 18, Crocker Terrace, Piedmont. Theodore Westphal to Thomas F L Furlong.....April 23, 1928		
April 27, 1928	ALL PTN LOT 17 Blk 3282 Map Mt Davidson Manor. Nils E Johnson and B W Sheldon to Nils E Johnson.....April 24, 1928		
April 27, 1928	N SADOWA 261 W Plymouth Ave. John and Santa Cassisi to Wm Demartini.....April 26, 1928		
April 27, 1928	NW TARAVAT and 29th Ave W 32-6 x N 100. H J Rock to whom it may concern.....April 24, 1928		
April 27, 1928	ALL PTN LOTS 16 and 17 blk 3282 Mt Davidson Manor: all ptn lot 18 blk 3282 Mt Davidson Manor. Nils E Johnson and B W Sheldon to Nils Eric Johnson.....April 24, 1928		

April 27, 1928—W LARKIN 75 N Greenwich N 50 x W 105-9. Twenty-five Twenty-five Larkin St. Corp. to whom it may concern.....April 12, 1928
 April 27, 1928—SW BUSH & OCTAVIA W 165 x S 155. Green Building Co. to Barrett and Hilp.....April 19, 1928
 April 27, 1928—N FRANCISCO 119 W Baker W 78 N 111.6 E 26 N 26 E 52 S 137-6. St George Holden to whom it may concern.....April 21, 1928
 April 27, 1928—W 21st AVE 350 S Quintara S 125 x W 120. Lawrence Costello to whom it may concern.....April 25, 1928
 April 27, 1928—E ALLISON 25 N Brunswick. E Allison 50 N Brunswick. Jacob and Helena Mager to whom it may concern.....April 26, 1928
 April 26, 1928—LOTS 9 and 10 BLK 5938 St Mary's Park. Roman Catholic Archbishop of S. F. to Andrew R Johnson.....April 11, 1928
 April 26, 1928—LOT 16 BLK 5804 St. Marys Park. B J and Annie J Slyter to Andrew R Johnson.....April 17, 1928
 April 26, 1928—W 47th AVE 175 N Quintara N 25 x W 120. A Stone to Trygve Kolsberg.....April 25, 1928
 April 26, 1928—SE SIDE WHITTIER 80 NE Brunswick. Strong & Jorgenson to whom it may concern.....April 25, 1928
 April 26, 1928—SE EDINBURGH 100 SW Persia Ave SW 25 x SE 100 ptn lot 1 blk 45 Excelsior Hd Assn. Henry Dobert to whom it may concern (2 completions).....April 26, 1928
 April 26, 1928—E MISSION 220 N 25th N 40 x E 115 to W Lilac Alley. Wm J H and Emmy S Hasselbrock to Arthur H Klahn.....April 25, 1928
 April 26, 1928—W THIRTY-NINTH AVE 100 W from S Irving S 75xW 120. Nathaniel Thompson to whom it may concern.....April 26, 1928
 April 25, 1928—NW ARAGO 186 SW Paulding. Lot 4 blk 4 Belle Roche City. E Allsebrook to whom it may concern.....April 25, 1928
 April 30, 1928—LOTS 9 and 11 BLK 6801 Map Castle Manor. Castle Building Co. to Henry Horn.....April 26, 1928
 April 30, 1928—E FUNSTON AVE. 220 S Taraval S 30 x E 118-7 1/2 m or 1 NE 32-3 1/2 m or 1 W 130-7 1/2 m or 1 to pt of beg. Ernest H. Hildebrand to Meyer Bros.....April 30, 1928
 April 30, 1928—SE VALENCIA and 15th S alg E Valencia 45 x E 100. Jules Bessette to E. O. Ward.....April 30, 1928
 April 30, 1928—S SILVER AVE. 25 E Yale 25 x 100. Grace and John Jacono to Wm. H. Grahn.....April 27, 1928
 April 30, 1928—W FILLMORE 275 S Beach S 50 x W 90. The Elliott Bldg. Co. to Louis J. Cohn.....April 26, 1928
 April 28, 1928—E 26th AVE 175 N Santiago N 25 x E 120. N W Anderson to whom it may concern.....April 25, 1928
 April 28, 1928—W QUESADA 137-6 SE Lane SE 27-6 100. M L Chincholle to Gilbert L Plov.....April 26, 1928
 April 28, 1928—S LOBOS 87 E ORIZABA. Harry Walters to whom it may concern.....April 25, 1928
 April 28, 1928—E 32nd AVE 125 S IRVING S 25 x E 120. Joseph J and Mary S Lennon to Oscar Swanson.....April 24, 1928
 April 28, 1928—W 75 LOT 7 BLK 47 Mp Sunnyside. Frank Derian to whom it may concern.....April 27, 1928
 April 28, 1928—W 30th AVE 250 and 275 S Judah S 25 x W 120. Elias Vigen to whom it may concern.....April 27, 1928
 April 28, 1928—W 24th AVE 225 N Wawona W 120 x N 25. Joseph Byerl to W L Hix.....April 28, 1928

LIENS FILED

San Francisco County

Recorded	Amount
April 25, 1928—N RUSSIA with E Edin-burgh rung alg Russia 50 x N 100 ptn lot 4 blk 45 Excelsior district. A Schafer vs Thos M Foley, Alex J and Olive Mattson.....	\$59.75
April 25, 1928—NE RUSSIA and Edin-burgh. Eugene Newman vs Alex. Mattson. Clyde Walker and Thomas M Foley.....	\$147.50
April 25, 1928—NE COR RUSSIA and Edinburgh. Edward Newman vs Alex Mattson, Clyde Walker and Thomas M Foley.....	\$495
April 25, 1928—E EDINBURGH & RUSSIA Ave NE 50 x SE 100 ptn blk 45 Excelsior Hd Assn. W H Appleton and M S Whitmore (as San Francisco Glass Co) vs Thomas M Foley, Alex G Mattson and Olive Mattson.....	\$649

April 26, 1928—N. L. RUSSIA & EDIN-
burgh NE 50 x SE 100 ptn bldg 45
Excelsior Hld Assn. L. P. Williams vs
E. M. Roberts and Joe Changelio. \$269.70

April 28, 1928—N. LOBOS 30 E Orizaba
Ave E 30 x 75 being ptn lot 5 blk C
Map Lands of R R Hld Assn. Adolph
Schopke and C W Burke vs Fred C
and Luella Wolpert. \$53.39

April 28, 1928—SW BAY & SCOTT W
93-9 x S 50. S P Meda and C Meda
(Gas Meda Art Tile Co.) vs McCormick
Realty Co. \$383.25

April 28, 1928—N. PARALLONES 300 E
Orizaba Ave E 25 x N 125 being ptn
lot 5 blk L Map R R Hld Assn.
Adolph Schopke and C W Burke vs
Fred C and Luella Wolpert. \$53.71

April 28, 1928—W. VERMONT 75 S 15th
known as 618 Vermont St. Adolph
Schopke and C W Burke vs Fred C
and Luella Wolpert. \$72.45

April 28, 1928—SW 5th 137-6 SE Har-
rison SE 40 x SW 137-6 SW 5th 177-6
SE Harrison SE 63-12 x SW 137-6
S H Chase Lbr Co vs Nee San Fran-
cisco Laundry. \$1,377.50

April 28, 1928—E. MUNICH and RUS-
SIA NE 100 x SE 100 lot 9 blk 6094.
Theodore H Fredericksen vs Henry J
Schultheiss. \$179.10

April 28, 1928—E 25th AVE 125 N MOR-
AGA N 25 x E 125. Reinhardt Lumber
& Planning Mill Co. vs W H Mac-
kenzie. \$229.51

April 27, 1928—N. BROADWAY 183-6 W
Leavenworth W 22-9 x 127-6. Rein-
hardt Lbr & Planning Mill Co vs Her-
man Papa and J A Johnson. \$1916.68

April 26, 1928—PARCEL OF LAND sur-
rounded by Market, Polk and Hayes
Sts. T J Butler Co vs Bank of Italy
MacDonald & Kahn, Readymix Conc.
Co., A John Novelli, Chas Halloway,
W I Kohnke. \$3,358.73

April 26, 1928—LOT 1 BLK 3. Forest
Hill. Joseph Unger vs Frank R and
Alice J Hill. \$495

April 30, 1928—SW BAY and SCOTT
S 50 x W 93-9. D. R. Campbell vs
McCormick Realty Co. \$675.95

April 30, 1928—LOT 19 BLK 12 Map
Forest Hill. E. Massagli & Pataglia
(as San Francisco Concrete & Mo-
saic Works) vs Joseph Johnson and
Larus Erlendson (as Johnson and Er-
lindson). \$947.63

April 30, 1928—S. BRUNSWICK 60 W
CURTIS W 30 x S 75 Lot 3A Asses-
sors' Bk Book 6184. Paul Victor
Johnson vs Gus Johnson. \$300

April 30, 1928—S. BRUNSWICK 30 W
CURTIS W 30 x S 75 Lot 3 Asses-
sors' Bk Book 6184. Paul Victor
Johnson vs Gus Johnson. \$300

April 28, 1928—N. LOBOS 60 E Orizaba
E 25 x N 75 being ptn lot 5 blk C
Map Lands of R R Hld Assn. Adolph
Schopke and C W Burke vs Fred C
and Luella Wolpert. \$53.39

Land map No 77 Winnipeg Ave. The
Greater City Lbr Co to Wallace A
and Mary L Lee

April 26, 1928—NW FELL & STEINER
N 26-2 W 110 N 41-3 W 27-6 S 137-6
137-6. Theodore Sampson & Co to
Mts L Bronscoe

April 21, 1928—SE HAIGHT and Brod-
erick E 1-6 x S 112-6. S S Herriek
(as Herriek Iron Works) to Bessie
Cooley

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
971	Atkinson	Bradhoff	5000
972	Thomas	Brown	3500
973	Cortes	Pearson	8000
974	Edson	Owner	45000
975	Fletcher	Owner	10000
976	Johnson	Owner	4500
977	Moe	Owner	5750
978	Piedmont	Electric	1150
979	Pfrang	Owner	11500
980	Reader	Janson	15000
981	Smith	Owner	10
983	Lane	Owner	7400
982	Tokio	Sullivan	1500
984	Bent	Owner	1200
985	Bardwell	Owner	8000
986	Dippo	Jespersion	1500
987	Livingston	Dyer	60000
988	Trimlett	Owner	3250
989	Whalen	Owner	3950
990	Weed	Morrison	1400
991	Wallace	Owner	3500
992	Carlson	Owner	4000
993	Franko	Owner	4000
994	McIntosh	Falk	1700
995	Nielsen	Owner	1600
996	Kleppe	Anderson	6000
997	I'ye	Anderson	6000
998	Rock	Windsor	5500
999	Thomson	Farringer	4500
1000	Cohen	Owner	3000
1001	Koch	Owner	1650
1002	Rose	Owner	4650
1003	Superior	Owner	1000
1004	Tweed	Owner	75000
1005	Venus	Owner	2000
1006	Berkeley	Heath	5250
1007	Brown	Owner	2000
1008	Ballford	Rowe	2500
1009	Higgs	Runinghaus	3000
1010	Kiennra	Owner	4350
1011	Paul	Owner	6800
1012	Paul	Owner	5800
1013	Hufschmidt	Owner	3650
1014	Beulah	Cuthbertson	800
1015	Crocker	Owner	9000
1016	Hemper	Malide	1500
1017	Jenson	Owner	5000
1018	Johnson	Owner	60000
1019	Langeberg	Owner	3500
1020	Miller	Schmidt	1558
1021	MacDonald	Mogk	2000
1022	Peressi	Soder	6000
1023	Tressler	Owner	2700
1024	Standard	Owner	1000
1025	Weissbaum	Owner	100
1026	Weissbaum	Owner	1000

RESIDENCE & GARAGE

(971) 69 PANORAMIC WAY, Berkeley.
One-story 4-room 1-family residence and
garage.
Owner—Miss F. E. Atkinson.
Architect—W. F. Steelberg, 1 Orchard
Way, Berkeley.
Contractor—C. O. Bradhoff, 911 55th St.,
Oakland. \$5000

RESIDENCE

(972) 96 NORTHAMPTON ROAD, Berk-
eley.

One-story 9-room 1-family residence.
Owner—S. P. Thomas, 682 Santa Barbara
Road, Berkeley.
Architect—E. L. Snyder, Berkeley.
Contractor—B. M. Brown, 1531 Blake St.
Berkeley. \$3500

RESIDENCE

(973) 123 TAMALPAIS AVE., Berkeley
2-story frame 7-room residence.
Owner—Rene A. Cortes, 177 Thousand
Oaks Blvd., Berkeley.
Architect—A. L. Snyder, 2108 Addison
St., Berkeley.
Contractor—Ben Pearson, 808 Channing
Way, Berkeley. \$600

APARTMENTS

(974) 1970 CURTIS ST., Berkeley; 3-
story frame and stucco, 48-rooms 18-
apts.
Owner—Henry S. Edson, 1354 Fruitvale
Ave., Oakland.
Designer & Contractor—Chas. C. Will-
iams, 337 15th St., Oakland. \$45,000

APT. HOUSE

(975) 1791 ELLSWORTH ST., Berkeley;
6-story class C apt. house (110-
rooms).
Owner—Geo. S. Fletcher, 479 Kentucky
Ave., Berkeley.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco. \$100,000

DWELLING & GARAGE

(976) S 108th AVE 40 E BEVERLY AVE
Oakland; 1-story 6-room dwelling and
1-story garage.
Owner—Chas. Johnson, 774 Grand Ave.,
Oakland.
Architect—None. \$4000 and \$500

DWELLING

(977) 1001 TRESTLE GLEN RD., Oak-
land; 1-story 6-room dwelling.
Owner—Samuel Moe, 1550 Hampel St.,
Oakland.
Architect—None. \$5750

ROOF SIGN & ELEC. SIGN

(978) 3451 PIEDMONT AVE., Oakland;
roof sign and electric sign.
Owner—Hotel Piedmont, 3451 Piedmont
Ave., Oakland.
Architect—None.
Contractor—Electric Products Corp., 950
30th St., Oakland. \$1150

DWELLING & GARAGE

(979) 815 LONGRIDGE ROAD, Oakland;
2-story 8-room dwelling and 1-story
garage.
Owner—C. J. Pfrang, 6300 Claremont
Ave., Oakland.
Architect—None. \$11,500

APARTMENT BLDG.

(980) 2424 SPAULDING AVE., Berkeley;
3-story frame and stucco 26-room 10-
apts.
Owner—Henry J. Reader, 4256 Center St.,
Oakland.
Architect—None.
Contractor—A. Janson, 4256 Center St.,
Oakland. \$15,000

DWELLINGS

(981) E 40th AVE., 155-140 SE 8th St.,
Oakland; two 1-story 3-room dwell-
ings.
Owner—V. N. Smith, 5034 E 14th St.,
Oakland.
Architect—None. \$100

ALTER. & ADDITION

(982) SW COR MOSS & PIEDMONT
Aves., Oakland; alterations and addi-
tions.
Owner—Tokio Moss Cleaning & Dyeing
Works, premises.
Architect—None.
Contractor—Sullivan & Sullivan, 2653
Best Ave., Oakland. \$1500

RESIDENCE

(983) 78 QUINIDA ST., Berkeley; 1-
story 7-room 1-family residence.
Owner—R. Beatrice Lane, 319 Richfield
Oil Bldg., Oakland.
Architect—O. W. Thornton. \$7400

SHED

(984) W SEVENTEENTH AVE 250 S
S. P. R. R., Oakland. One-story shed
Owner—Bent Concrete Pipe Co., Prem.
Architect—None. \$1200

DWELLING

(985) NO. 631 HILLGIRT CIRCLE, Oak-
land. Two-story 8-room dwelling.
Owner—C. E. Bardwell, 3549 Lakeshore
Ave., Oakland.
Architect—None. \$8000

RELEASE OF LIENS

San Francisco County

Recorded	Amount
April 30, 1928—SE BRANNAN at its in- tersection with its SW line Stanford SW adg Brannan 80 x SE 206-3. O'- Mara & Stewart (as J. E. O'Mara & W. T. Stewart) to Crane Co. \$1115	
April 28, 1928—S STANFORD & BRAN- NAN SW 80 x 206-3. Morrison & Co., consisting of Victor H. Berg, Chas J. Morrison and J. C. Silveira to Crane Co.	
April 27, 1928—S GEARY 65 E Webster E 72 x S 127-6. San Francisco Lbr Co. 32918-64; Lane & Schulz \$1210 to Wally & Duncan and Board of Trustees of A M E Zion Church of S. F.	
April 25, 1928—LOTS 51 to 53 BLK 7115 Lot 52-51 and A Bldg & Oscar Hey- wood and P. C. Sub. Lks 8 and 21 West	

Capital City Title Company

(J. C. PALEN, Manager)

Capital Stock \$100,000

SACRAMENTO, NEVADA CITY.
PLACERVILLE, RENO, NEV.

Sacramento Office:
905 SIXTH STREET

DWELLING

(988) S FIFTY-THIRD 140 W Grove, Oakland. One-story 3-room dwelling. Owner—E. C. Dippo, 817 53rd St., Oakland. Architect—None. Contractor—J. W. Jespersen, 878 54th St., Oakland. \$1500

APARTMENTS

(987) S FAIRMONT AVE 100 E Kemp-ton Ave., Oakland. Three-story 49-room apartments. Owner—A. C. Livingston, 151 Sutter St., San Francisco. Architect—Eldridge T. Spencer, Shreve Bldg., San Francisco. Contractor—Dyer Constr. Co., 1924 Broadway, Oakland. \$60,000

DWELLING

(988) NO. 8315 OUTLOOK AVE., Oak-land. One-story 5-room dwelling and one-story garage. Owner—Robert Trimlett, 5041 Fairfax Ave., Oakland. Architect—None. \$3150

DWELLING

(989) S WOOLSEY 163 W Deakin, Oak-land. One-story 5-room dwelling. Owner—John F. Whalen, 324 Warwick St. San Francisco. Architect—None. \$3950

ALTERATIONS

(990) NO. 577 FIFTY-NINTH ST., Oak-land. Alterations and one-story gar- age. Owner—M. H. Weed. Premises. Architect—None. Contractor—K. C. Morrison 443 62nd St., Oakland. \$1430

DWELLING

(991) N CAMDEN 150 W Madera Ave., Oakland. One-story 5-room dwelling. Owner—C. M. Wallace, 250 W. Broad- moor Blvd., San Leandro. Architect—None. \$3500

RESIDENCE

(992) 531 VINCENTE AVE., Berkeley; 1-story 6-room 1-family residence. Owner—O. Carlson, 3057 Adeline St., Berkeley. Architect—None. \$4000

DWELLING

(993) N MORCOM AVE 150-190 E Wyman St., Oakland. One-story 5- room dwelling. Owner—L. J. Franke, 3288 Morcom Ave., Oakland. Architect—None. \$4000

ADDITION

(994) NO. 2820 BRIGHTON AVE., Oak-land. Addition and one-story garage. Owner—Mrs. Ivy M. McIntosh, 3820 Brighton Ave., Oakland. Architect—None. Contractor—Chas. W. Falk, 1520 E-38th St., Oakland. \$15200

ALTERATIONS

(995) NO. 809 WALKER AVE., Oakland. Alterations and addition. Owner—P. M. Nielsen, 2020 E-28th St., Oakland. Architect—None. \$1000

DWELLING

(996) 1727 MORELAND DRIVE, Ala- meda; 1-story 6-room dwelling; ce- ment plaster finish. Owner—F. M. Kleppe, 1711 Broadway, Al- ameda. Architect—Walter H. Anderson, 1014 Doris Court, Alameda. \$6000

DWELLING

(997) 1707 MORELAND DRIVE, Ala- meda; 1-story 6-room dwelling; ce- ment plaster finish. Owner—A. C. Pye, 1540 Versailles Ave., Alameda. Architect—Walter H. Anderson, 1014 Doris Court, Alameda. \$6000

ADD. TO PERMIT

(998) 2926 GIBBONS DRIVE, Alameda; additional to permit No. 1133 of Nov. 3, 1927. Owner—P. Rock, 2926 Gibbons Drive, Ala- meda. Architect—None. Contractor—Geo. Windsor, Berkeley, Cal- ifornia. \$5500

DWELLING

(999) 2520 ENCINAL AVE., Alameda; 1- story 4-room dwelling; stucco finish. Owner—Fannie Thomsen, 2111 Pacific Ave., Alameda. Architect—None. Contractor—C. L. Farringer, 1804 Central Ave., Alameda. \$4500

DWELLING & GARAGE

(1000) 2370 HUMBOLDT AVE., Oakland; 1-story 5-room dwelling and 1-story dwelling. Owner—S. Cohen, 33rd Ave. and E 16th St., Oakland. Architect—None. \$2800 and \$200

ALTER. & ADDITION

(1001) 2412 MAGNOLIA ST., Oakland; alter. and addition. Owner—W. Koch, 3434 Helen St., Oak- land. Architect—None. \$1650

GARAGE

(1002) SE COR. 22nd and Filbert Sts., Oakland; 1-story brick garage. Owner—Rose Baking Co., premises. Architect—None. \$4650

ALTERATIONS

(1003) 3745 BROADWAY, Oakland; al- terations. Owner—Superior Tile Co., 2725 Shattuck Ave., Berkeley. Architect—None. \$1000

APARTMENTS

(1004) N 35th ST 273 W TELEGRAPH Ave., Oakland; 3-story 8-room apts. Owner—Henry E. Tweed, 4035 Green- wood Ave., Oakland. Architect—None. \$75,000

ALTERATIONS

(1005) 3218 GRAND AVE., Oakland; al- terations. Owner—The Venus, 14th and Broadway, Oakland. Architect—None. \$2000

CITY POUND

(1006) 2011 2nd ST., Berkeley; city pound. Owner—City of Berkeley. Architect—T. Plachek, 2156 Shattuck Ave. Berkeley. Contractor—Heath & Wendt, 2116 Allston Way, Berkeley. \$5250

ALTERATIONS

(1007) 2040 HEARST AVE., Berkeley; alterations. Owner—Juliette Brown. Architect—None. \$20

RESIDENCE

(1008) 1335 ASHBY AVE., Berkeley; 1- story 6-room 1-family residence. Owner—L. N. Ballard. Architect—None. Contractor—J. J. Rowe, 2522 Magnolia St., Oakland. \$2500

RESIDENCE

(1009) 2433 ROOSEVELT AVE., Berke- ley; 1-story 5-room 1-family residence. Owner—A. P. Higgs, 2431 Roosevelt Ave., Berkeley. Architect—None. Contractor—E. Reininghaus, Hotel Clare- mont, Berkeley. \$3000

RESIDENCE

(1010) 1474 ADDISON ST., Berkeley; one and one-half story 6-room 1-family residence. Owner—G. Kienura. Architect—F. W. Thaxter, 6452 Hillegas Ave., Berkeley. \$4350

RESIDENCE

(1011) 188 TAMALPAIS ROAD, Berke- ley; 2-story 6-room 1-family resi- dence. Owner—B. M. Paul, 322 Arlington Ave., Berkeley. Architect—None. \$6800

RESIDENCE

(1012) 108 TAMALPAIS ROAD, Berke- ley; 2-story 5-room 1-family residence. Owner—B. M. Paul, 322 Arlington Ave., Berkeley. Architect—None. \$5800

RESIDENCE

(1013) 1335 WARD ST., Berkeley; 1- story 5-room 1-family residence. Owner—Walter Hufschmidt, 89 Nova Dr., Piedmont. Architect—E. M. Williamson, 2761 Al- lendale Ave., Oakland. \$3650

CONCRETE HOME

(1014) NW COR. TOMPKINS and Wilkie Sts., Oakland. Two-story, 60-room Concrete Home. Owner—Eulish Rest Home, premises. Architect—Elaine & Olson, 1755 Broad- way, Oakland. Contractor—Thos. A. Cuthbertson, 430 Norige St., San Francisco. \$80,000

APARTMENTS

(1015) E OAKLAND AVE., 185 S Perry St. Two-story 14-room apartments room Apartments. Owner—H. Crocker, 430 Oakland Ave., Oakland. Architect—None. Contractor—Owner. \$9000

GREENHOUSE

(1016) E 90TH AVE., 113 S Almond St., Oakland. One-story Greenhouse. Owner—T. E. Hemper, 8724 Ft. Blvd. Oakland. Architect—None. Contractor—W. B. Malide, Oakland. \$1500

DWELLING

(1017) N SWAINLAND ROAD, 180 W Rutland Road, Oakland. One-story 6-room Dwelling. Owner—C. C. Jensen, 1826 Alcatraz Ave. Berkeley. Architect—None. Contractor—Owner. \$5,000

APARTMENTS

(1018) N SEVENTH AVE., 250 W Park Blvd., Oakland. Three-story 36- room Apartments. Owner—Ray D. Johnson, 919 Ray Bldg. Oakland. Architect—D. D. Stone, 354 Hobart St., Oakland. Contractor—Owner. \$60,000

DWELLING

(1019) N HYDE ST., 214 W Peralta Ave., Oakland. One-story 5-room Dwelling. Owner—C. Langeberg, 3276 Hyde St. Architect—None. Contractor—Owner \$3,500

ALTER. & ADDITION

(1020) 4256 GILBERT ST., Oakland. Alter. and addition. Owner—Mrs. R. Miller, 4256 Gilbert St. Oakland. Architect—None. Contractor—Carl Schmidt, 1614 Ward St., Berkeley \$1,553

CLEAN & DYE WORKS

(1021) 2864 38th AVE., Oakland; 1-story brick cleaning and dye works. Owner—Geo. MacDonald, 2882, 38th Ave., Oakland. Architect—None. Contractor—J. H. Mogk, 2752 Magee Ave., Oakland. \$2000

GARAGE & SERVICE STA.

(1022) SE COR 73rd AVE. and WELD St., Oakland; 1-story conc. garage & service station. Owner—Geo. MacDonald, 2882, 38th Ave., land. Architect—None. Contractor—Oscar Soder, 302 College Ave. Oakland. \$6000

DWELLING

(1023) N MASTERSON ST., 50 W Ma- drone Ave., Oakland; 1-story 4-room dwelling. Owner—Walter Pressler, 1419 Excelsior Ave., Oakland. Architect—None. \$2700

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Coun- ties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

CONTRACTS
NEW YORK 1000 HILL BLVD. and
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.

CONTRACTS
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.

CONTRACTS
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.

CONTRACTS
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.

CONTRACTS
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.
 1000 AVE. C. and 1-story bldg.

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
130	Brickley	Heath	5280
131	Combs	Boeddeker	3618
132	Southern Pacific	Franks	75911
134	Hovantiz	Ross	1955
135	Bowersmith	Kurtz	18920
136	Jurs	Thrams	132800
137	Lorimer	Anderson	19451

GENERAL CONSTRUCTION

(130) E LINE 2nd ST 100 ft S of Uni-
 versity Ave., Berkeley; general const.
 Owner—City of Berkeley, Grove and All-
 ston, Berkeley.
 Architect—James W. Plachek, 404 Mer-
 cantile Bank Bldg., Berkeley.
 Contractor—Heath & Wendt, 2166 Allston
 Berkeley.

Filed April 26, 1928. Dated April 16, 1928
 15 days after completion\$3280
 On or before July 15, 1928 2000
TOTAL COST, \$5280
 Bond, \$2640, \$1320; sureties, Maryland
 Casualty Co.; forfeit, none; limit, 65
 days; plans and spec. filed.

BUILDING

(131) NW LAGUNA AVE 196 SW Mon-
 tana, Oakland. All work for building
 Owner—Peter and Dorothy H. Conens,
 720 Elizabeth St., San Francisco.
 Architect—Hugh C. White, Syndicate
 Bldg., Oakland.
 Contractor—Jos. Boeddeker, 1814 34th
 Ave., Oakland.

Filed April 27, '28. Dated April 23, '28.
 Roof on\$904.50
 When plastered 904.50
 When completed 904.50
 Usual 35 days 904.50
TOTAL COST, \$3618.00
 Bond, none. Limit, 60 days. Forfeit,
 none. Plans and specifications filed.

DREDGING

(132) OAKLAND OUTER HARBOR,
 Oakland. All work for dredging.
 Owner—Southern Pacific Co., 65 Market
 St., San Francisco.
 Architect—None.
 Contractor—Franks Contracting Co., 260
 California St., San Francisco.

Filed April 27, '28. Dated April 20, '28.
 Close of each month 75%
 75 days after completion Balance
TOTAL COST, \$75,911
 Bond, \$75,911. Surety, Globe Indemnity
 Co., 110 days. Forfeit, none.
 Plans and specifications filed.
 133 Merchant Heath 10210

BUILDING

(133) LOT 29 on 14th of Mills College
 apt. near Camden St., Oakland. All
 work for building
 Owner—Luther Marchant, 3121 Montecello
 St., Oakland.
 Architect—W. H. Ratcliff, Mercantile
 Trust Bldg., Berkeley.

Contractor—Heath & Wendt, 2116 All-
 ston St., Berkeley.
 Filed April 28, '28. Dated April 26, '28.
 Frame up\$2560
 1st coat plaster on 2560
 When completed 2560
 Usual 35 days 2560
TOTAL COST, \$10,240
 Bond, \$5200. Surety, American Surety
 Co. Limit, 90 days. Forfeit, \$5 per day.
 Plans and specifications filed.

(134) SE LINE SUNSET BLVD. and NE
 line of Meekland Ave., Hayward; all
 work.

Owner Julius Hovanitz, Foothill Blvd.
 and Orchard Ave., Hayward.
 Architect—None.
 Contractor—Jim Ross, 1616 Francisco,
 Oakland.
 Filed April 30, 1928. Dated March 26, 1928
 When roof is on30%
 When bldg. is completed35%
 Balance usual 35 days.
TOTAL COST, \$1955
 Bond, surety, forfeit, none; limit, 75
 days; no plans or spec. filed.

BUILDING

(135) 17th LOTS 34, 35 and 36 Lake-
 shore Highlands, Oakland; all work.
 Owner—Adele Bowersmith, Oakland.
 Architect—William Edward Schirmer,
 709 21st St., Oakland.
 Contractor—F. A. Kurtz, 364 41st St.,
 Oakland.

Filed May 2, 1928. Dated April 26, 1928.
 When sheathing is on\$4730
 When brown coated 4730
 When completed 4730
 Usual 35 days 4730
TOTAL COST, \$18,920
 Bond, \$18,920; sureties, National Surety
 Co.; forfeit, none; limit, 100 days; plans
 and spec. filed.

BUILDING

(136) W SIDE PACIFIC AVE. near
 Dormidera, Piedmont; all work.
 Owner—Albert E. and Ethel E. Jurs, 1613
 Grand Ave., Piedmont.
 Architect—Reginald C. Shand.
 Contractor—Clarence H. Thrams 28 Home
 Place West, Oakland.
 Filed May 2, 1928. Dated April 30, 1928.
 When frame is up\$2697.60
 1st coat of plaster 2697.60
 When wood trim is placed 2697.60
 When completed 2697.60
 Usual 35 days 2697.60
TOTAL COST, \$172,800
 Bond, none; sureties, none; forfeit, \$10
 per day; limit, 105 days; plans and spec.
 filed.

BUILDING

(137) LOT 14 BLK 2, Lakemont, Oak-
 land; all work.
 Owner—J. W. Lorimer, 564 Haddon Rd.,
 Oakland.
 Architect—Williams & Wastell, 374 17th
 St., Oakland.
 Contractor—Walter H. Anderson, 1014
 Doris Court, Alameda.
 Filed May 2, 1928. Dated Nov. 15, 1927.
 When frame is up\$3890.20
 When brown coated 3890.20
 When ready for paint 3890.20
 When completed 3890.20
 Usual 35 days 3890.20
TOTAL COST, \$19,451
 Bond, surety, forfeit, none; limit 10
 days; plans and spec. filed.

BUILDING

(138) LOT 14 BLK 2, Lakemont, Oak-
 land; all work.
 Owner—J. W. Lorimer, 564 Haddon Rd.,
 Oakland.
 Architect—Williams & Wastell, 374 17th
 St., Oakland.
 Contractor—Walter H. Anderson, 1014
 Doris Court, Alameda.
 Filed May 2, 1928. Dated Nov. 15, 1927.
 When frame is up\$3890.20
 When brown coated 3890.20
 When ready for paint 3890.20
 When completed 3890.20
 Usual 35 days 3890.20
TOTAL COST, \$19,451
 Bond, surety, forfeit, none; limit 10
 days; plans and spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted
 April 20, 1928—W LINE MADERA AVE.
 about 95 ft. NW of Camden St., Oak-
 land. O. W. Johnson to O. W. John-
 son.
 April 27, 1928—LOT 124 and S 10 ft lot
 123 Unit 2 Avenue Terrace, Oakland.
 O. A. Pedersen to whom it may con-
 cern.
 April 25, 1928

April 28, 1928—S SIDE EAST 14th ST
 bet 57th and 58th Aves., Oakland.
 Mutual Stores Inc to Chas Stockhorn
 & Sons.
 April 27, 1928—NE LINE TALLANT ST
 100 ft NW of Fruitvale Ave., Oakland.
 Joseph and Amelia Schuetz to Jos
 Plittner.
 April 26, 1928—LOT 16 BLK 8 Electric
 Loop Tract. Geo R and Florence I
 Thompson to whom it may concern.
 April 27, 1928
 April 28, 1928—NEAR DECOTO, Ala.
 Co. Masonic Homes of California to
 Golden Gate Iron Works.
 Mar. 28, 1928
 April 28, 1928—LOT 11 BLK M Mul-
 ford Gardens Unit 1, Eden Twp. J
 W Serjeant to whom it may concern.
 April 25, 1928
 April 28, 1928—LOT 13 BLK A Sims
 Knoll, Oakland. Wm E Sims to
 whom it may concern.
 April 28, 1928
 April 28, 1928—LOT 14 BLK 1378 Lit-
 tlefield Terrace, Oakland. Joseph
 Amati to L Jones.
 April 27, 1928
 April 28, 1928—143 HAGAR AVE. Pied-
 mont. Anga M Bjornson to H Rel-
 mers.
 April 25, 1928
 April 28, 1928—3321 CHAMPION ST.,
 Oakland. J E Anderson to whom it
 may concern.
 April 24, 1928
 April 30, 1928—751 SAN DIEGO ROAD,
 Berkeley. Wilder Wight to Beckett
 & Wight.
 April 27, 1928
 April 30, 1928—3012 THOMPSON AVE.,
 Alameda. Ben F. Kopf to whom it
 may concern.
 April 27, 1928
 April 30, 1928—2806 CLAY ST., Ala-
 meda. Sidney J. Dowling to whom it
 may concern.
 April 27, 1928
 April 30, 1928—N SIDE 24th ST. bet.
 Bay and Telegraph Ave., Oakland. I.
 Schutz to whom it may concern.
 April 27, 1928
 April 30, 1928—534 COLUSA ST. Berk-
 eley. Henry Oman to whom it may
 concern.
 April 30, 1928
 April 30, 1928—2327 SACRAMENTO ST.
 Berkeley. Henry Oman to whom it
 may concern.
 April 30, 1928
 April 30, 1928—1460 BANCROFT WAY,
 Berkeley. Jess J. Hobert to whom it
 may concern.
 April 30, 1928
 April 30, 1928—2808 CALIFORNIA ST.,
 Berkeley. E. R. Creque to whom it
 may concern.
 April 30, 1928
 April 30, 1928—418 15th ST., Oakland.
 C. P. Hermann & Sam Hecht, less-
 ees to Henry Brown.
 April 24, 1928

LIENS FILED

Alameda County

Recorded	Amount
April 25, 1928—E LINE REDWOOD AVE. 156.55 ft. N of East 14th St., Oakland. Long Paint Co vs John D Waterhouse and H A Norton.	\$233.48
April 30, 1928—1216 STANNAGE AVE., Berkeley. I. Sargent vs J. A. Vonada and Cora Vonada.	\$43
April 30, 1928—LOT 12 MESA ALTA Tract No. 2, Oakland. A. H. Carpen- ter vs E. M. Glaesman Bour.	\$75.78
April 28, 1928—2958 CALIFORNIA ST., Berkeley. Robert Howland & Son vs Germain J and Maria Vergues and V E Burch.	\$26.36
April 27, 1928—LOT 1 BLK G, Mont- clair Estates, Oakland. A Jerome Raymond vs Robert F and Helen A Watson.	\$6158.33
April 27, 1928—W JACKSON ST. 1472 N Twelfth, Oakland. W H Weeks vs Ethel M and W W Vernon.	\$12,899.23
April 26, 1928—NW CABRILLO & GRA- NADA Aves., Oakland. Sunset Lbr. Co vs Glenn M Bright.	\$601.61
April 26, 1928—LOT 244 Oak Knoll, Oak- land. Sunset Lbr Co vs Glenn M Bright.	\$1399.63
April 26, 1928—LOTS 25 and 27 Inc blk 4153 Athens Park, Oakland. Melrose Building Material Co vs Manuel An- drade.	\$22.08
April 26, 1928—LOT 261 Unit C Oak Knoll, Oakland. Tilden Lbr & Mill Co vs E M Bergsten.	\$818.36
April 26, 1928—LOTS 80, 81, 82, 83, 84 Unit C Oak Knoll, Oakland. Tilden Lbr & Mill Co vs E M Bergsten.	\$480.35
April 25, 1928—E LINE REDWOOD AVE. 156.55 ft. N of East 14th St., Oakland. Scott-Buttner Elec. Co. vs T M Christie and H A Norton.	\$218.77
April 25, 1928—396 11th ST., Oakland. Scott-Buttner Elec. Co. vs Mary E Williamson.	\$140.15

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and cir-
 culates pure warm air, keeping home at an even temperature. 50 percent
 saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

RELEASE OF LIENS

Alameda County

April 30, 1928—1208 COLUSA AVE., Berkeley. Ward Furnace Co. to Geo. Nibel, William Manan, W. J. Clark, Bay Cities Realty Co. \$75
 April 26, 1928—N LONGRIDGE RD bet. Verrada Road and Paloma Ave., Walter H and Carolyn L Eliassen. \$732 25

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

LIBRARY
PUBLIC LIBRARY, San Mateo. All work for placing standard furniture in public library.
 Owner—City of San Mateo.
 Architect—None.
 Contractor—Rucker, Fuller Desk Co., 677 Mission St., San Francisco.
 Filed April 24, '28. Dated March 1, '28.
 Completed 90%
 10 days after 10%
 Bond, \$2925.25. Surety, London & Lancashire Indemnity Co. Limit, 60 working days. Forfeit, \$10. Plans and specifications filed.

GRADING
SOUTH SAN FRANCISCO. All work for grading, etc.
 Owner—South San Francisco Land & Improvement Co., Merchants' Exchange Bldg., San Francisco.
 Engineer—George A. Kneese.
 Contractor—Allied Contractors, Inc.
 Filed April 26, '28. Dated April 16, '28.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$5850.85
 Bond, \$35,100. Surety, Southern Surety Co. of Iowa. Limit, 180 working days. Forfeit, none. Plans and specifications filed.

DWELLING
PART LOT 9 BLK 10, Menlo Oaks. All work for one-story 5-room dwelling.
 Owner—Alva M. Fentress, 1718 Encinal Ave., Alameda.
 Architect—None.
 Contractor—Andrew Aro et al.
 Filed April 23, '28. Dated April 21, '28.
 Roof on 3/4
 Plastered 1/4
 Completed 1/4
 Usual 35 days. 1/4
 TOTAL COST, \$3740
 Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 April 23, 1928—LOT 19 BLK 12 Burlingame. Gertrude Taylor to whom it may concern. April 23, 1928
 April 23, 1928—LOT 19 BLK 2 Burlingame. Neil R. Donovan to whom it may concern. April 20, 1928
 April 23, 1928—LOT 10 BLK 5 Burlingame. Shore Land Co. Lloyd S Browne to whom it may concern. April 8, 1928
 April 24, 1928—LOT 18 BLK 15 Vista Grand, San Mateo. Arvie G Wegner to whom it may concern. April 23, 1928
 April 24, 1928—PART LOT 14 BLK 11 Burlingame. C. A. Torello to Block & Campbell. November 18, 1928
 April 24, 1928—PART LOT A BLK 3 Burlingame Terrace. Petrus D Johnson to whom it may concern. April 14, 1928
 April 24, 1928—LOT 39 BLK 27 Vista Grande, San Mateo. Martha S Johnson to whom it may concern. April 23, 1928
 April 24, 1928—LOT 24 BLK 12 East San Mateo Co. Ashley S. Powers et al to whom it may concern. April 20, 1928
 April 25, 1928—LOT 31 BLK 45 Easton San Mateo. Chas. Hammer to whom it may concern. April 24, 1928
 April 25, 1928—LOT 25 BLK 7 STANFORD PK. San Mateo. Harry C. Yates to whom it may concern. April 24, 1928
 April 25, 1928—LOT 55-56 BLK 10 San Bruno. Frank Chianelli to whom it may concern. April 10, 1928

April 26, 1928—LOT 9 BLK 54 North Fair Oaks, San Mateo. Frank A. Grunert to whom it may concern. April 25, 1928
 April 26, 1928—LOT 17 BLK 11 Burlingame. Paul A Henderson et al to whom it may concern. April 24, 1928
 April 26, 1928—LOT 22 BLK R Hayward Park, San Mateo. P. H. Ewing to whom it may concern. April 25, 1928
 April 26, 1928—LOT 20 BLK 10 East San Mateo. H. H. Randles to whom it may concern. April 24, 1928
 April 26, 1928—LOT 35 BLK 44 Easton, San Mateo. G. Meister to whom it may concern. April 17, 1928
 April 26, 1928—LOT 6 BLK 12 Baywood San Mateo. W. W. Casey to Frank J. Ferrea. April 25, 1928
 April 26, 1928—LOT 14 BLK 38 Redwood Highlands, San Mateo. T. S. Karp to whom it may concern. April 26, 1928
 April 27, 1928—PART LOT 7 BLK 1 Mission St., Daly City. Alice White to whom it may concern. April 24, 1928
 April 27, 1928—PARCEL 5 Beverly Terrace, San Mateo. E. S. Shaver to whom it may concern. April 15, 1928
 April 27, 1928—LOT 7 BLK 46 Easton, San Mateo. S. A. Smoot to Martin Petersen. April 24, 1928
 April 28, 1928—PART OF BOWIE EST. 3.60 acres. Dorothy F. Silenthal to Syms & Perrin.

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 April 27, 1928—PT BLK 4, Burlingame. S. H. Chace Lbr. Co. vs C. Thomas et al. \$978.20
 April 23, 1928—LOT 10 Barney Park, San Mateo. D and R M Leonhardt vs Harry Saderstrom et al. \$93.35
 April 23, 1928—LOT 10 Barney Park, San Mateo. O K Brown, \$58.66; D & S Lumber Co, \$1751.66 vs Harry Saderstrom
 April 23, 1928—LOT 24 BLK 82, Belle Monte Tract, San Mateo. San Carlos Lumber Co vs Dr W J Ceasar. \$14.97
 April 23, 1928—LOT 10 Barney Park, San Mateo. Novelty Sheet Metal Works vs Harry Soderstrom et al. \$125
 April 24, 1928—LOT 33 BLK 2, Burlingame Grove, Burlingame. Frank Rappers vs Charles G Adams. \$800
 April 25, 1928—SV PRIMROSE ROAD Burlingame. James E Lennon Lumber & Cement Co vs C H Torello et al. \$278.94
 April 26, 1928—LOT 2 BLK 11, Burlingame Hills, Burlingame. Albert L Solon et al vs Frederick Lawton et al. \$582.17
 April 26, 1928—LOTS 3 AND 4 BLK 10, Sequoia Tract, San Mateo. Hull Bros vs A J Davis. \$71.13

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
 April 24, 1928—LOT 3 BLK 6 Burlingame Villa Park. L. B. Bernard et al. \$98.53; John G. Morrison decd. est. of \$110.75. to Helm Donaldson.
 April 25, 1928—LOT 12 BLK B San Mateo Heights. Wisnom Lbr Co. to whom it may concern. \$994.80
 April 25, 1928 (Location not given). Geo. M. Miller to Arthur Newman et al.
 April 26, 1928 (Location not given). Albert Palmtag to Pierre De Saisset. \$797.97

BUILDING PERMITS

SAN JOSE

ALTER residence, \$1990; No. 480 N-First St., San Jose; owner, Victor Girco. Premises; contractor, H. Bolwin, 1041 Garland St., San Jose.
 TANK and tower, \$1700; Santa Clara and Seventeenth Sts., San Jose; owner, American Dairy Co., Premises; contractor, Pacific Pipe & Tank Co., San Francisco.
 APARTMENTS, two-story (13 apts.), \$15,500; Sixth and San Carlos Sts., San Jose; owner, Howard Waltz, 132 Balbach St., San Jose.
 ADDITIONS and alterations to industrial plant, \$5000; Auzerais and Sunol Sts., San Jose; owner, Pacific By-Products, Premises; architect, Company Engineers.

ALTER residence, \$1000; No. 250 Sierra Ave., San Jose; owner, M. L. Spalding, Premises; contractor, L. S. Brisbin, 343 E-San Salvador St., San Jose.
 BUSINESS building, one-story, \$4500; First St. near Virginia, San Jose; owner, F. Labrucherie; contractor, F. L. Hoyt, 495 S-13th St., San Jose.
 RESIDENCE, 5-room, \$3500; 31st and St. James Sts., San Jose; owner, John P. Henry, 35 S-33rd St., San Jose.
 RESIDENCE, 5-room, \$8000; Eleventh & San Salvador Sts., San Jose; owner, G. H. Lisle, 849 N-Second St., San Jose; architect, Warren Skillings, Mercantile Trust Bldg., San Jose.
 ALTER business building, \$1000; No. 255 S-First St., San Jose; owner, Del Monte Restaurant, Premises; architect, Binder & Curtis, 35 W-Sa. Carlos St., San Jose; contractor, E. Nommensen, 200 Commercial St., San Jose.

BUILDING PERMITS

BURLINGAME

RESIDENCE, \$6000; Lot 1475 blk 3, Columbus; owner, E. O. Nicolander, 309 Clark Drive, Burlingame.
 BUNGALOW & garage, \$5000; Lot 10 blk 1 Columbus; owner, Jas. R. Hughes, 3235 Gough St., San Francisco; contractor, Chas. Lorensen, 751 Linden Ave., Burlingame.
 RESIDENCE, \$7000; Lot 18 blk 2 Adeline, Burlingame; owner, T. C. Farris, 1291 Burlingame Ave., Burlingame.
 BUNGALOW & garage, \$5000; lot 4 blk 66 Hillside, Burlingame; owner, C. P. Aloise; contractor, Frank Leneo, 712-5th Ave., Burlingame.
 BUNGALOW & garage, \$6000; lot 16 blk 4 Adeline, Burlingame; owner, Clyde E. Coakley, 1108 Paloma, Burlingame.
 BUNGALOW & garage, \$4500; lot 12 blk 3 Laguna Ave., Burlingame; owner, L. Holm, 1100 5th Ave., San Mateo; contractor, W. L. Croop, 44 1st Ave., San Mateo.

BUILDING PERMITS

RICHMOND

COTTAGE and garage, frame and plaster, \$4200; E S 12th bet. Roosevelt & Penn., Richmond; owner, John L. McCarthy, 413 Nevin, Richmond; contractor, Fred C. Hosking, 932 Penn.
 COTTAGE and garage, frame and plaster, \$5000; SS Mesa bet. Clinton and View, Richmond; owner, A. D. Zander, 5733 Shattuck, Berkeley.
 BRICK Store, office and residence, \$11,400; N S MacDonald bet. 12th & 13th; owner, Louis DeGregario, 333 13th St., Richmond; contractor, Carl Averra; 2105 Roosevelt Ave.

BUILDING PERMITS

REDWOOD CITY

RESIDENCE, 1-story, frame, \$3000; 436 Myrtle St., Redwood City; owner, E. E. Dwyer; architect, none; contractor, owner.

BUILDING PERMITS

PALO ALTO

COTTAGE, frame and stucco, \$1750; No. 220 Ash St., Palo Alto; owner, L. R. Brother; contractor, D. C. Lawson.

BUILDING PERMITS

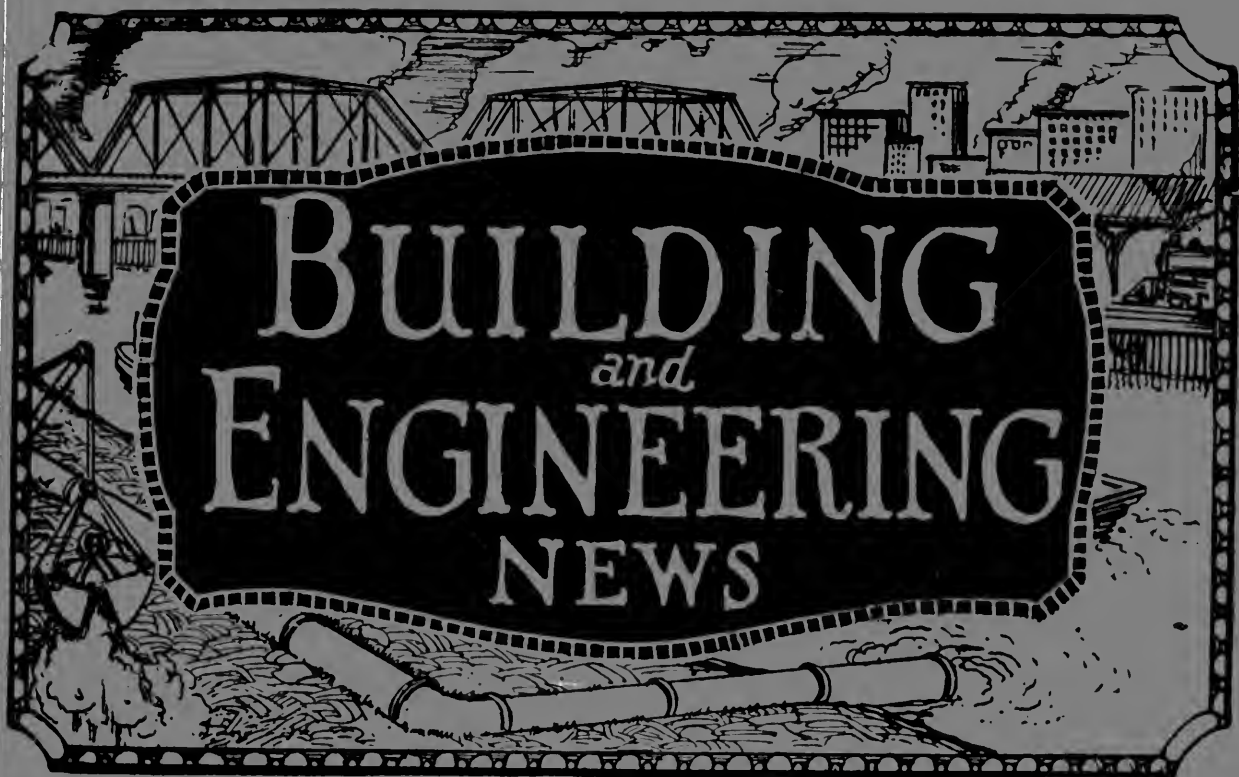
SAN MATEO

DWELLING, 5-room frame, \$4000; Lot 28 Blk 2, E St., San Mateo; owner, Rochex & Rochex, Inc., 11th and B Sts., San Mateo.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 April 26, 1928—LOT 7 BLK 12, Lake Park, Stockton. Thaddeus E Williamson to whom it may concern. April 23, 1928
 April 27, 1928—LOT 2 BLK 4, Lomita Park, Stockton. H B Gregersen to whom it may concern. April 25, 1928



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., MAY 12, 1928

Twenty-eighth Year, No. 19
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

Applying time - proved methods of insula- tion to modern day needs

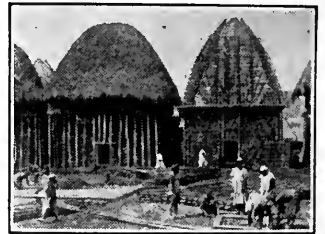
NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., MAY 12, 1928

Twenty-eighth Year, No. 19



5-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

EATING CONTRACTORS OF L. A. CONDEMN BID PEDDLING

As an active step in the campaign
against bid peddling by general contrac-
tors, the following resolution has been
adopted by the Los Angeles Heating and
Cooling Contractors' Association, and is
printed on the back of the newly issued
membership list:

"Whereas, bid begging is a menace to
the welfare of the public, contractor, ar-
chitect, material man, in fact every re-
sponsible element that comes in contact
with the construction industry, and

"Whereas, bid peddling destroys the
confidence and co-operation that is so
necessary to uphold the standards of
the industry, and

"Whereas, bid peddling causes a loss
of time and money to the responsible
contractor, and this loss is passed on to
the consumer eventually, and

"Whereas, bid peddling causes busi-
ness failures that affect the community
at large, and

"Whereas, bid peddling benefits in a
monetary way only those who practice
this evil, and

"Whereas, bid peddling has caused a
loss to the heating contractors, in both
time and money, and has been the means
by which the irresponsible heating con-
tractor has installed improper heating
plants that are not conducive to the
health of the owner and are expensive
to maintain,

"Therefore, be it resolved, that the
practice of bid peddling in whatever
guise, or form, is condemned without re-
serve by the members of this associa-
tion, and no members of this associa-
tion will participate, directly or in-
directly, nor seek to take advantage, di-
rectly or indirectly, in any manner in
such practice, and,

"Be it further resolved that any con-
tractor, architect or owner, who know-
ingly indulges in or continues the prac-
tice of bid peddling, shall be deemed to
be not reputable or responsible by mem-
bers of this association."

LOS ANGELES BUILDING IN APRIL SHOWS SLACKENING

Los Angeles' building for the month of
April, 1928, slackened during the closing
week, and the total valuation for the
month fell short of that for April a year
ago, being \$8,711,040 on 2812 permits. For
the same month last year the valuation
was \$10,458,622 on 3296 permits, while for
the month of March, 1928, it was \$9,791,-
942 on 3278 permits. The recession for
April was chiefly in Class A, Class B, and
Class C construction.

For four months of the current year
Los Angeles' building total was \$33,570,-
401, as compared with \$37,040,098 for the
corresponding period in 1927.

Class A construction for April, 1928, to-
taled only \$1,473,900 on six structures;
Class B, \$225,000 on two buildings; Class
C, \$1,087,625 on 64 structures, and Class
D all-frame construction, \$4,775,175 on
1728 buildings.

Housing operations for April, 1928, ex-
ceeded in valuation and the number of
families provided for any previous month
since March, 1926. They comprised 873
dwellings and apartment houses estimat-
ed to cost \$6,554,497, and providing ac-
commodations for 2221 families. Hous-
ing made up 31 per cent of the total
number of permits and 75.2 per cent of
the total valuation for the month. Janu-
ary, number of permits, 660; value, \$4,-
256,271; number of families, 1544; Febru-
ary, permits, 780; value, \$4,092,086; fam-
ilies, 1527; March, permits, 882; value, \$5,-
990,628; families, 1086; April, permits,
873; value, \$6,554,497; families, 2221. Total
permits, 3195; total value, \$20,893,482;
total number of families, 6388.

U. S. DEPARTMENT OF LABOR RE- PORTS ON WAGES INCREASES

The rate of wages of bakers in the
United States increased from 92.5 cents
per hour in May, 1926, to 95.7 cents in
May, 1927. The building trades as a
whole increased from \$1.278 to \$1.323 per
hour. Bricklayers went from an average
of \$1.565 to \$1.602, carpenters from \$1.267
to \$1.311, painters from \$1.305 to \$1.349,
plasterers from \$1.595 to \$1.628 and
plumbers from \$1.381 to \$1.409. With few
exceptions the building trades generally
showed similar changes. Slight reduc-
tions are shown both in the granite cut-
ters and stone cutters rates, the com-
bined rate receding from \$1.330 to \$1.321.

The figures above given are taken from
Bulletin 457, published by the Bureau of
Labor Statistics of the U. S. Department
of Labor and recently off the press. The
bulletin includes reports for 862,308 trade
union members employed at time rates in
66 leading cities. Summary figures from
the above bulletin were published in the
September and November, 1927, Monthly
Labor Review.

The workers in these time work trades
had an average full time of 45.2 hours
per week. The building trades are al-
most entirely on a 44-hour week with an
average of 43.7 hours due to many trades
working only a 5-day or 40-hour week.

The union trades referred to as a whole
had an hourly time wage rate per hour
2.6 times the hourly rate of 1913 and 2.9
times the rate of 1907. Between 1913 and
1927 the full time hours per week were
reduced 7.6 per cent.

The building trades as a whole had an
average rate in 1927, 2.57 times the rate
of 1913.

BAD ROADS ARE EXPENSIVE, EX- PERIMENTS DISCLOSE

Motorists of the United States pay a
bad roads tax equivalent to 22.3 cents
on every gallon of gasoline consumed on
a poor highway, the American Road
Builders' Association declares. It will
cost that much more to consume a gallon
of gasoline on poor roads than if the
same car were driven on good roads, ac-
cording to the Association.

The figures were derived from the re-
sults of elaborate experiments conducted
at Washington State College, Iowa State
College, and the North Carolina State
College. They are estimated for a car
making 10 miles to the gallon on a rough
highway.

"On a basis of a speed of thirty-three
miles per hour," the Washington report
states, "the test shows the cost in gaso-
line and tires per one thousand miles
over a certain rough road for an average
four cylinder car weighing 3,500 pounds
loaded, was \$35.10. At the same speed,
the cost for the same car over a very
smooth improved road was only \$12.80."

To attain the highest degree of econ-
omy for highway transportation it is es-
sential that road construction methods
be standardized in order that roads may
be built which will handle traffic at a
minimum of cost. An effort is being
made to standardize county road con-
struction through a County Highway Of-
ficials' Division of the American Road
Builders' Association.

A little over one-fifth of the total mile-
age of roads in the United States have
been improved to some degree, and the
American Road Builders' Association es-
timated that there are still at least 2,-
000,000 miles of roads that are inade-
quate for economic handling of traffic,
and must be further improved before
they may be classified as economic high-
ways.

BEAUX ARTS INSTITUTE OF DESIGN MEDAL AWARD

For performing the best work among
the competing universities and colleges
in the competitions of the Beaux Arts
Institute of Design in New York, N. Y.,
this year, the University Medal of the
American Group of the Societe des Ar-
chitectes Diplomes par le Gouvernement
Francais, has been awarded to the De-
partment of Architecture of the Carnegie
Institute of Technology according to an
announcement. This is the first year in
which the award has gone to the Pitts-
burgh institution.

In reporting the award to Professor
W. Frank Hitchens, head of the Depart-
ment of Architecture of Carnegie Insti-
tute of Technology, Edwin H. Denby,
president of the Societe des Architectes
Diplomes par le Gouvernement Francais,
wrote as follows:

"I take great pleasure in announcing to
you that after a thorough study of the
work done in the past year by the stu-
dents of Architecture among the various
competing Universities and Colleges in
the competitions of the Beaux Arts In-
stitute of Design, the Architectural De-
partment of Carnegie Institute of Tech-
nology has merited the medal which is
awarded every year by the American
Group of the Societe des Architectes
Diplomes par le Gouvernement Francais,
known as the University Medal. The
medal will be engraved and sent in time
for presentation at your commencement
exercises."

EARTHQUAKE INSURANCE AND CONSTRUCTION RISK IS TOPIC AT ANNUAL BUILDING AND LOAN MEET

(Address by John H. Schively, Secretary, Insurance Federation of California, before the 23rd Annual Convention of the California Building-Loan League at Catalina Island, May 5, 1928.)

Bank Commissioner Will C. Wood, in a recent address, made the statement that during 1927 the business transacted in the United States amounted to 550 billions of dollars, and that at least 95% of this vast amount was made through evidences of credit, consisting of checks, notes, mortgages, etc.

This statement being accepted as a fact, and practically all of this credit finding its basis in some form of insurance, it is of easy understanding that at least 80% of the business carried on in this nation would be seriously crippled if all policies now carrying coverages should be canceled.

A word, therefore, as to some of the fundamentals of insurance will be in order before discussing the subject of earthquake insurance.

In the first place, it is to be frankly admitted that those who invest their capital in insurance as in any other business enterprise expect a reasonable profit and a fair wage. But in the settlement of costs and adjustment of profits controversies naturally arise between what is assumed as oppressive by the purchaser and protective by the seller. This statement finds its justification in the present problem facing insurance companies as to what is a just and fair rate to charge for earthquake insurance. And it is a problem because of the fundamental principle upon which the cost of insurance is based.

Cost of Insurance

Generally speaking the cost of insurance is founded upon the law of average and spread of liability. As applied to fire insurance, the law of average and spread of liability have been intensely studied since the great London fire in 1666, the result being the establishment of certain standards of measurement including equipment and efficiency of fire departments, man power and apparatus proportioned to population, water supply, and innumerable other features. Out of this study the axiom has been evolved that the cost of insurance must be commensurate with the hazard and corresponding loss.

Accepting this fundamental of the law of average and spread of liability you can readily see that earthquake insurance is not a scientific or rational function of the fire companies. How they ever came to be joined is an anomaly which can only be explained on the basis that fires frequently follow the occurrence of earthquakes. But since the fact remains that fire insurance does now include earthquake coverage withdrawal is out of the question and the problem of fairness to all parties is the insistent problem to be solved.

What has the law of average and spread of liability to disclose concerning earthquakes and how is the cost of coverage to be settled? The word average precludes experience, and spread of liability includes extent of territory having common hazards of some nature. In earthquake hazards there is practically no experience upon which to found a theory, and in spread of liability there is very little record of California. Premiums for

earthquake insurance in 1927 amounted to \$2,755,000, of which California paid \$2,712,000, leaving only \$13,000 to account for extent of territory or spread of liability. The entire question, therefore, falls back on the one State of California, leaving no room for the application of insurance fundamentals in settling the question of costs.

What Will Nature Do?

No one can foretell what nature will do. Two of the leading earthquake experts of the United States are at variance with each other, one holding a fault to exist in a certain part of this state, the other declaring that fault to be closed. In the face of these divergent views on the part of scientists who are supposed to know the facts, what are insurance companies to do? How are they to solve their part of the problem? And it is a problem. An executive of a prominent California company recently made the statement that out of a premium income of over \$20,000,000 which his company had received, less than \$60,000 was earthquake premiums, for which an earthquake liability of \$12,000,000 in California had been placed.

We now come to the problem as at present presenting itself, and which is of peculiar interest to the members of this convention: After the Santa Barbara earthquake, which occurred in 1925, there was an immense demand for earthquake insurance in California, which was met by a rather free writing on the part of the companies on a three-year term and at ridiculously low rates, as shown by the experience of the company to which reference has been made of \$60,000 premiums against a \$12,000,000 liability, with a 40% reduction of the premium allocated to overhead expense. The result of this demand for earthquake coverage was the piling up of a large liability, and when the companies realized all that their act involved they naturally commenced to give the subject fuller consideration, with the result that reduction in liability, through cancellation and otherwise, became very common, and ultimately led to a material increase in rates. In fact, I think there have been two increases in rates since the Santa Barbara earthquake in July, 1925.

Rate Increase Checks Building?

The California Development Association took up the entire subject, statewide, as the result of the last rate increase. There was a feeling that the attitude of fire underwriters would materially check building, particularly in San Francisco and Los Angeles. This committee was called the "Disaster Insurance Committee of the California Development Association," and in its membership included representatives from Los Angeles and San Francisco commercial banks, savings banks, finance institutions, building owners, merchants, etc., of which Mr. J. B. Levison, president of the Firemen's Fund Insurance Company, was the representative of insurance companies.

A number of meetings have been held at which Mr. Levison was successful in convincing the committee that some constructive work was necessary before there would be any change in the pres-

ent attitude of the fire companies; that in the first place, the demand should be reduced through prevailing upon the Corporation Commissioner not to insist upon earthquake insurance where mortgages were not entitled to it by reason of the equity over and above liens, etc. This, I think, was finally done.

The savings banks were urged, similarly, not to ask for earthquake insurance where there was enough value left in the land to protect them in the event of disaster, and so on down the line, the upshot being a very definite reduction in the demand upon the insurance companies for this class of coverage.

Uniform Building Code

Hand-in-hand with this has gone movement for a uniform building code, which is now taking definite shape, and while naturally nothing can be done with the buildings already completed, it is not too much to say that as far as the future is concerned we will have before very long a building code and building inspectors in the large cities to see that the code is properly enforced, whereby we will have a class of earthquake resistant construction both for the protection of life as well as property.

The Board of Fire Underwriters of the Pacific, from its responsibility in this entire matter, is now giving careful consideration to a revision in earthquake rates in anticipation of the large volume of business which will be expiring late in the summer, as the three-year business placed immediately after the Santa Barbara earthquake will then expire. The Fire Underwriters will confer with representative engineers and architects from the north and south in the matter of classification of buildings before coming to a determination as to the rates.

Fair Treatment

From my experience with insurance underwriters I am convinced that they are earnestly endeavoring to give the insuring public, along all lines of indemnity, the fairest treatment possible consistent with all interests at stake. That insurance rates have not shown any increase in recent years, but rather a leaning towards a lower level, while practically all other commodities have registered an upward tendency, is evidence that the business of insurance is not conducted on any basis save that of fair dealing and justice both to policy holders and the shareholder who has invested his resources in the insurance business.

Let us say for the moment that Bailey Willis is pessimistic and that Robert T. Hill is an advocate of optimism. Both of these gentlemen are acknowledged leaders in earthquake science. Can it be other than a natural outcome of their divergent views, that building owners are influenced by Mr. Hill and insurance underwriters, on the other hand, yield to the fear that Mr. Willis may be correct in his conclusions? Even among the underwriters themselves, let it be frankly confessed, opinions are at variance as the Willis or Hill star happens to be above or below the horizon.

In conclusion, a general remark or two by way of recapitulation may not be out of order:

Every fire is a potential conflagration. Every slight tremor of the earth is a potential catastrophe.

Prevent Hazards

The plain duty presenting itself is to prevent the flowering of hazards into real reality, and to modify the damage should disaster or loss occur. This can be largely achieved, as related to fire, by prevention and fire protection. Related to earthquake shock, prevention seems out of the question. No one can tell with any degree of certainty when or where the earth shall register on the surface the action and reaction taking place in the depths below.

But one lesson of large import has been learned with respect to the earthquake hazard and that lesson applies to the question of building construction. San Francisco and Santa Barbara both intensify the strength of the statement. Construction to resist and modify earth tremors is possible and should receive serious attention.

Human ingenuity is generally successful in solving problems affecting the public welfare, and the present problem of earthquake insurance doesn't bulk so large as to be incapable of proper handling. Whatever the rate decided upon may be, if determined by a generous regard for all interests involved and settled by cool-headed, level-minded underwriters and policy-holders in harmonious conference, each placing himself in the other's position as far as possible, then a fairly acceptable working agreement will be reached. No perfect agreement is possible simply because, in the very nature of things, the law of average and spread of liability cannot be invoked in the final determination of the vexed question of the cost of earthquake coverage. This being so, and human nature being what it is, some dissatisfaction from both sides will be expressed and the self-styled solver of all human ills will doubtless step to the front.

But with the grave interests at stake, and with so little real knowledge at hand, the wise one will be careful of his steps and cautious in the selection of his advisers.

COMPETITION

Practically everything in the building and construction business is on a competitive basis, except in cases where sentiment is the dominant influence. Owners or owners' agents, agents invariably select an architect only after they have consulted several or a great many. The architect, in turn, invites bids from a number of general contractors before the award is made, and the general contractor follows the same line of procedure by taking bids on the sub-trade items. Competition rules supreme from the inception to the completion of a building or construction project. It serves as a balance wheel of trade, protecting the owner against exorbitant prices.

There is a great deal to be said in favor of competition in the building industry. For instance, it eliminates all chances of monopoly and price fixing, which in some cases prevail in other lines of business endeavor to the detriment of the community and business itself. On the other hand, competition may become a deadly weapon if it is allowed to become unfair or too keen. It is against this type of business rivalry that architects, contractors, sub-contractors, material dealers and manufacturers object. No responsible, competent architect or contractor feels that he is given an equal chance when he is forced to bid in competition with an irresponsible or incompetent. The former basis his bid on quality and service, while the latter offers an attractive bid price. There is no comparison between the two.

"Competition is the life of trade," but unfair competition is the death of trade. —Los Angeles Journal of Commerce.

CONSTRUCTION THROUGHOUT U. S. ON INCREASE, A. G. C. REPORT SHOWS

Construction operations have swung into the stretch of increased activity which they will follow throughout the summer, according to statistics just compiled by the Associated General Contractors of America. The volume of construction registered for April showed a strong increase over the March total. This increase is virtually identical with the rise which took place during the corresponding period one year ago when mid-summer operations that later were to shatter records were started.

The volume of work handled by the construction industry during the first four months of this year is equal to the figure registered during the corresponding period of 1927.

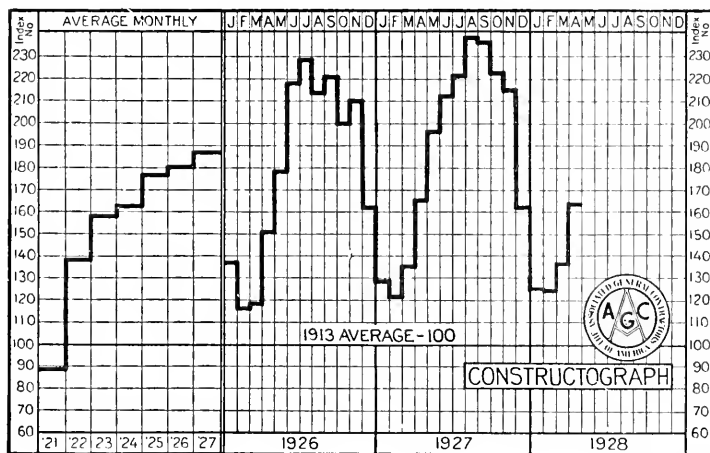
These statistics, it is stated, are based upon actual shipments of basic construction material and include all types of construction work.

A scale which places the 1913 average at 100 as its basis, shows the index number for the April volume of construction to be 164, increase of twenty-seven points over the March figure.

A close similarity between the trend of operations since January of this year and the comparative figures for the corresponding period one year ago. Index numbers for the first four months of this year are: January, 125; February, 124; March, 137, and April, 164. The corresponding figures for 1927 are: January, 129; February, 121; March, 135, and April, 166.

Awards of contracts reached a high total during March, indicating that actual operations during months of the immediate future will hold close to the lively pace maintained during the mid-summer period of last year.

VOLUME OF CONSTRUCTION



CURRENT CONSTRUCTION PRACTICES TO BE SCRUTINIZED AT A. G. C. MEET

Current construction practices are to be closely scrutinized this week by leading builders from all parts of the country at a conference opening in Washington today. The sessions are being held under the auspices of the Associated General Contractors of America.

"All branches of the construction industry, and the building public as well are responsible for existing wasteful business methods in the industry," the official call for the meeting declared. It is stated several factors are leading to "defaulted contracts, delays in completions of work, poor quality of construction and other causes of loss."

Among the specific topics outlined for consideration of the conference are:

Pre-qualification of bidders; relationships between general contractors and sub-contractors; destructive effects of present-day sales policies and non-standard credit terms for purchase of equipment and material used in construction operations; accident prevention; over-expansion in construction industry and use of hazy or incomplete plans and specifications.

Delegates to the conference, representing local construction groups in virtually every state will be called upon to give

major consideration to unsound bidding and the award of contracts to irresponsible or incapable bidders. Intensive attention to these matters will be given in divisional session to be attended by constructors of buildings, highways, railroads and public works.

The work confronting the conference today was summarized by D. A. Garber, veteran New York builder and now general manager of the contractors' association. His statement in part follows:

"Responsible representatives of all elements of the construction industry steadily are becoming disgusted with the present state of affairs. Architects, engineers, general contractors, sub-contractors material dealers, bankers and all others whose daily activities bring them into relationship with operations of the construction industry are coming to realize that they and those who pay for construction work are being sorely penalized by existing practices.

"During recent years appreciable efforts have been made to wipe out conditions which safely may be stated to be inviting immediate losses of approximately \$5,000,000 annually. It is in the hope of bringing these efforts closer to satisfactory accomplishment that the Washington conference is being held."

BUSINESS AS SEEN IN THE BRICK INDUSTRY

The monthly digest (No. 90) of the Common Brick Manufacturers' Association of America, says:

There are some weak spots in the construction market. It is difficult at this time to say whether the conditions are seasonal and due to a late start of activities, or whether it is an indication of an all-year depression in construction. Chicago, which has had almost uninterrupted capacity business for past 6 years, is considerably behind 1927 records in the delivery of brick. Other mid-western cities, including Detroit and Cleveland, have not yet shown the volume which was expected at this time of year.

There are other sections, however, where the year's anticipations are being realized. The shipments in the New York market were particularly large during the past thirty days. The Southeast and Southwest are having unusually large demands for brick.

With almost exactly the same number of companies reporting, the April record of 1927 was nearly 50% above that of the past month in the number of orders on the books.

Commenting upon the condition, many brick manufacturers believe it is simply a retarded season. The architects' offices are busy with a very satisfactory number of jobs on their boards. Contracts let are maintaining the 1927 stride, and all indications seem to point to a normally good building year.

In some of the Southeastern states, where the business has been unprofitable for a year or more past, there is strengthened price, \$9.00 per thousand being the minimum quoted in the past month's reports. Even with a good demand for brick, the plants in that section are capable of producing more than their markets will consume. This has demoralized profits. Even though the Southeastern states still have the lowest priced brick to be found in this country, there is an improvement over preceding months. The composite price of brick, taking the country as a whole, is \$13.37 per thousand.

SACRAMENTO WINS MEETING

Sacramento has been chosen the 1929 convention city by the California Building and Loan League. At the annual meeting held at Avalon, Catalina Island, May 5, Edwin M. Einstein of Fresno, was chosen president for the ensuing year. Other officers named were: First vice-president, J. M. Abbott, Santa Barbara; Second vice-president, H. S. Wanzer, Sacramento; Third vice-president, C. H. Wade, Los Angeles. These officers and the following will compose the executive committee: Charles H. Tucker, Long Beach; P. A. Oliver, San Mateo; Sanford Anderson, Inglewood. Five delegates to the United States League convention to be held at Dallas, Texas, the week of May 22, were named to represent various sections of the State. They are W. A. McCormick, Pomona; Henry Stern, Culver City; R. Holtby Meyers, Los Angeles; H. S. Wanzer, Sacramento; C. H. Wade, Los Angeles. Edwin M. Einstein, newly elected president, was chosen executive committeeman of the American Savings Building and Loan Institute, which has headquarters in Kansas City.

ISSUES SPECIFICATIONS

Tech Brothers, New York, N. Y., have made available complete sets of their architects' and engineers' loose-leaf specifications arranged in a folder for convenient filing. The specifications cover most of the company's technical paints and waterproofing compounds, and of the latter, both the membrane and integral types.

MARKED REDUCTION IN PACIFIC COAST BUILDING ACTIVITY LOOM

April Building Permits Total 13% Less Than for March and 22% Less Than for April of Last Year—100 Cities Reported in Survey Issued 11,244 Permits for New Construction Costing \$36,001,179, During April, as Compared With \$41,668,733 During March and \$46,746,785 During April, 1927—More Than Half the Cities Report Reductions.

A marked reduction in building activity during the immediate future in Pacific Coast cities is forecast by building permits issued during April which total 13% less than for March and 22% less than for April of last year, as shown by the National Monthly Building Survey of S. W. Straus & Co.

The 100 cities comprised in this report issued 11,244 permits for new construction to cost \$36,001,179, during April, as compared with \$41,668,733 during March and \$46,746,785 during April, 1927. More than half the cities report reductions.

Of the major cities, increases over the totals for both comparable periods are reported from Vancouver, B. C., Sacramento and Long Beach, while Seattle and San Jose show gains over last April. Los Angeles, San Francisco, Portland, Oakland and San Diego show reductions from both comparable periods while Salt Lake reports a loss from last April's figure but a gain over March.

Notable increases in building activity are reported from several of the smaller cities as follows:

Bakersfield, issuing 84 April permits for \$157,055 of new construction, shows a 24% gain over March and a 52% gain over last April.

Fresno, issuing 99 April permits for \$401,947 of new construction marks a 60% gain over March and a 27% gain over last April.

Modesto's April total, 34 permits for \$140,084 in new construction is 77% above that of March and 190% above that of last April.

Stockton, issuing 80 permits for \$261,500 in new construction, shows a gain of 104% over the March total but a 13% reduction from last April.

Following are the official construction cost figures for April, 1928, as reported by building department executives from cities comprised in the Pacific Coast Section of the Survey.

City	April, 1928 No.	Cost	April '27	March '28
CALIFORNIA				
Alameda	57	\$ 97,315	\$ 109,429	\$ 156,000
Albany	20	65,000	245,161	75,077
Alhambra	86	184,254	249,300	160,635
Anaheim	16	70,970	54,740	15,415
Bakersfield	84	157,055	103,940	126,210
Berkeley	190	592,714	600,319	480,411
Beverly Hills	90	358,000	1,641,950	544,490
Burbank	48	132,955	216,325	161,495
Burlingame	23	93,950	144,575	148,575
*Colton	11	3,200	51,150	12,825
Compton	32	88,800	59,000	104,045
Coronado	14	41,320	36,758	56,525
Culver City	18	32,325	35,120	51,780
Emeryville	1	20,000	75,025	8,950
Eureka	57	58,066	32,420	43,851
Fresno	99	401,947	314,083	251,039
Fullerton	20	56,350	72,141	23,473
Glendale	157	781,095	685,605	1,446,150
*Hollywood	109	1,889,551	1,364,400	1,515,441
Huntington Park	91	218,086	185,835	438,144
Inglewood	35	100,550	211,275	66,500
Long Beach	563	1,430,345	1,133,440	1,151,805
Los Angeles	2,812	8,711,040	10,458,622	9,701,942
Lynwood	37	60,350	48,400	59,840
Modesto	34	140,084	48,212	79,337
Monrovia	17	28,300	46,930	62,355
Montebello	27	77,825	53,470	62,355
National City	17	15,580	21,700	12,915
Oakland	450	1,480,414	1,891,716	1,925,578
Ontario	36	80,640	70,575	38,990
Orange	57	64,850	25,600	32,900
Palo Alto	56	112,120	259,591	134,025
Palos Verdes Estates	4	46,450	58,812	43,500
Pasadena	220	669,883	814,332	726,955
Piedmont	21	161,303	187,437	137,055
Pomona	62	135,700	268,800	168,830
Redlands	20	41,190	103,453	25,760
Redwood City	24	87,700	106,027	230,946
Richmond	12	147,785	176,050	90,710
Riverside	72	155,985	319,160	217,745
Sacramento	191	758,470	491,556	728,388
Salinas	39	79,605	332,896	38,278
San Bernardino	124	266,518	294,935	216,915
San Diego	512	915,096	2,008,444	1,370,533
San Francisco	744	3,701,861	4,930,212	4,240,494
San Gabriel	18	30,500	68,815	55,105
San Jose	83	332,285	256,325	387,580
San Leandro	11	29,185	65,833	70,245
San Marino	17	225,415	250,506	128,175
**San Mateo	22	101,525	128,050	169,350
San Rafael	10	24,500	31,795	89,765
Santa Ana	64	174,616	120,919	161,200
Santa Barbara	63	178,767	282,171	215,015
Santa Cruz	25	68,655	67,607	77,350
Santa Monica	119	297,020	404,705	481,410
South Gate	92	187,041	171,190	246,820
South Pasadena	25	105,850		139,235
Stockton	80	261,500	302,168	127,763
Torrance	26	42,084	1,080,390	91,750
Ventura	43	133,843	273,427	173,115
Vernon	15	70,855	25,770	245,260
Whittier	30	64,217	36,810	47,565
Total	7,001	\$25,159,179	\$32,681,012	\$28,554,410

ARIZONA

Phoenix	103	\$ 247,205	\$ 1,375,382	\$ 361,815
Tucson	83	204,751	153,940	126,430
Total	186	\$ 451,956	\$ 1,529,323	\$ 488,245

IDAHO

Idaho Falls	7	\$ 16,786	\$ 17,050	\$ 39,800
Lewiston	30	61,925	52,170	63,830
Nampa	28	15,585	38,950	25,590

NEVADA

Reno	28	\$ 146,500	\$ 75,750	\$ 252,400
------	----	------------	-----------	------------

OREGON

Astoria	12	\$ 3,470	\$ 13,530	\$ 26,525
Eugene	38	102,200	105,835	455,850
Klamath Falls	42	72,945	204,995	102,075
LaGrande	37	65,265	30,300	18,370
Marshfield	4	4,175	2,575	800
Medford	38	57,150	65,962	102,060
Portland	855	1,589,495	4,022,170	2,907,880
Salem	66	260,518	245,825	217,275
Total	1,092	\$ 2,155,218	\$ 4,691,192	\$ 3,831,835

UTAH

Logan	9	\$ 27,000	\$ 83,500	\$ 12,000
Ogden	27	329,550	161,800	274,300
Provo	16	44,200	36,000	53,000
Salt Lake City	104	333,515	462,585	309,364
Total	156	\$ 734,265	\$ 743,885	\$ 648,664

WASHINGTON

Aberdeen	67	\$ 98,450	\$ 53,280	\$ 61,977
Anacortes	22	8,450	10,180	3,270
Bellingham	80	98,994	71,950	154,062
Everett	142	61,625	72,850	69,598
Hoquiam	27	16,632	49,050	45,490
Longview	16	26,790	555,952	34,220
Olympia	19	51,665	34,950	16,500
Port Angeles	15	52,050	24,750	14,725
Seattle	875	3,478,025	3,181,555	4,273,490
Spokane	263	379,837	490,020	410,201
Tacoma	189	320,060	314,890	332,160
Vancouver	31	81,910	62,391	270,300
Walla Walla	47	253,760	37,615	100,165
Wenatche	27	106,150	114,440	96,400
Yakima	63	67,855	79,925	182,675
Total	1,884	\$ 5,102,253	\$ 5,153,758	\$ 6,065,331

BRITISH COLUMBIA

Vancouver	345	\$ 1,118,187	\$ 735,731	\$ 836,970
Point Grey	142	481,320	464,460	457,230
Burnaby	96	73,625	58,552	33,120
North Vancouver District	23	20,880	23,675	11,775
North Vancouver	20	485,740	51,495	20,360
South Vancouver	103	115,700	129,043	225,545
West Vancouver	15	29,245	95,940	29,720
New Westminster	34	123,800	177,450	54,250
Victoria	75	184,655	114,844	100,018
Total	833	\$ 2,157,512	\$ 1,763,695	\$ 1,798,628
Grand Total				
100 Cities	11,244	\$36,061,179	\$46,746,785	\$41,668,733

*Hollywood figures included in Los Angeles totals.

**Figures received too late to be included in tabulations.

EXCHANGE NAMES COMMITTEES

San Francisco Builders' Exchange has appointed the following committees to serve for the ensuing year: Finance, J. B. Keenan, D. J. Sullivan, R. J. H. Forbes; rooms, A. H. Wilhelm, J. H. Pinkerton, J. D. McGilvray; publicity, R. G. Guyett, S. F. Cohn, J. D. McGilvray; entertainment, Emil Hogberg, J. Ahlbach, G. D. Clark, S. A. D. Schenck; grievance, J. H. Pinkerton, L. D. Frasier, V. Lemoge, W. Jamieson, H. C. Matthies; membership, Alexander Mennie, D. J. Sullivan, R. J. H. Forbes; industrial relations, W. H. George, A. H. Wilhelm, D. B. Farquharson, G. T. Bowen, C. S. Allred; intercraft relations, D. B. Farquharson, C. W. Fitzpatrick, J. E. Connell, F. C. Herrick, W. T. Kowalkowski; rules and by-laws, J. B. Keenan, J. W. Cobby, L. J. Neal, J. D. Kerr, R. J. Button; safety, R. G. Guyett, E. M. Hundley, W. Pfeiffer, H. E. Brace, J. G. Williams; public affairs, G. A. Wieland, W. J. Feary, H. Kindt, A. H. Bergstrom, A. S. Mangrum; legislation, G. A. Wieland, E. T. Peterson, J. T. Prince, N. A. Dickey, C. W. Carle; sergeant-at-arms, Walter S. Jamieson.

DISPUTE WAGED ON BUILDING STONE DUTY

Although the average builder has no confusion in his mind as to the distinction between marble and limestone, a hearing in which it was sought to determine into which of these categories a shipment of imported stone properly fell, proved a stumbling block to the customs authorities at the port of New York recently. The importance of the distinction grew out of the fact that the shippers claimed the stone was limestone, dutiable at 16 cents a cubic foot, whereas the authorities contended it should bear the 65-cent rate assessed for marble.

A university professor was called in to give expert testimony, but even his answers were confusing. It was explained that there is no chemical distinction between marble and limestone, and the only criterion is whether the stone in question is of sufficient luster to be used in ornamental work or useful only for ordinary building.

LUMBER CONCERN SEEKS TO ENJOY RIVALRY IN NAME

The value of a name is the basis of a complaint filed in superior court at Sacramento by the Sacramento Box and Lumber company against F. E. Baker, operating under the name of the North Sacramento Box and Lumber company. The plaintiff claims that the defendant company so named its organization that it might take advantage of the good will of the plaintiff company by giving the impression that they are one and the same business. The complaint claims that the name was chosen with no regard to geographical relationship. The complaint petitions for a restraining order enjoining the defendant company from using the name of North Sacramento Box and Lumber company.

ELECTRICITY OUTPUT

The output of electricity by public utility power plants in the United States in 1927 was 80,205,000,000 kilowatt hours, an increase of 9 per cent over 1926, the Interior Department announces. Despite this heavy production, it was necessary to import from Canada, 1,629,000,000 kilowatts, in order to meet growing demand. Thus the total amount of electricity utilized in the United States was 81,834,000, kilowatts. This is a per capita consumption of 690 kilowatts.

Bethlehem Steel Corporation will establish in Los Angeles, San Francisco and either Portland or Seattle, three large steel depots to be stocked from Eastern plants from its own ship lines.

WOOD PRESERVATIVES SOLVE CROSS-TIE PRODUCTION PROBLEM

The increasing use of wood preservatives has practically solved the production and future-supply problems of the railroad cross-tie industry in this country.

This statement, of momentous importance to the railroads, to lumbermen and to construction engineers, was recently made public in a paper read before the American Forestry Association by E. E. Pershall, vice-president of one of the leading tie producing companies. An abstract of Mr. Pershall's paper is published in the April 5th issue of the Engineering News Record, and was considered of sufficient consequence to elicit editorial comment.

"With the increasing use of preservative processes for wood ties," reads the editorial comment, "the increased varieties of species made available by such treatment, and the resultant great increase in life of ties, the problem of a future supply of timber for ties has become of much less importance than heretofore."

The editor of the engineering magazine further described the present status as a change in a situation that at one time threatened to be serious.

The use of preservatives, according to the Pershall paper, has increased the life of ties to a point where a re-growth can be brought on in time to supply the demands for tie renewals. He points out

that trees of from 10 to 20 inch diameter at the stump are the most desired from the viewpoint of the roads and the producers and that this preference is based on experience. Such trees do not fall within the class of timber especially valuable for sawing into lumber. Also cutting such stumpage leaves a stand of younger trees of from ten inches in diameter down, which within the succeeding seven year period have grown to tie size, in the case of southern pine and in the case of slower growing trees, in proportionately longer periods.

The annual cross-tie demands on the forests, approximately four billion feet, board measure, for 110,000,000 ties, have been tremendous and at one time threatened to eat into the supply of timber available for other needs. In addition to the treatment with preservatives the steam and electric roads are now boring ties for spikes and adzing them out to give a uniform base for the rail or tie-plate. In this manner, according to Mr. Pershall, we are "also making progress against mechanical wear."

"This is conservation," he states, "through preservation and is the largest single factor guaranteeing this country a supply of ties that will eventually have a track renewal rotation of twenty years, instead of from seven to fifteen years to grow another crop of trees."

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Determined to defeat efforts by two persons seeking the rights to a \$100,000,000 bay at Candlestick Point near San Francisco, business men of San Mateo county and of San Francisco will appear before the Board of Supervisors at Redwood City next Monday. A second application on the part of interests represented by Attorney Albert Mansfield, Redwood City, will come before the board, as will an application from interests represented by Frank Ellbridge Webb. The former application, denied by the board last March, is being again presented by Mansfield, who declares his associates are ready to finance a \$100,000,000 bay span at the point. Webb is well known to students of the bridge situation, having been first associated with a project to bridge the bay at San Mateo. Although neither the Mansfield nor the Webb application has any probability of approval by the board, according to business leaders throughout the county, a strong delegation representing business interests of the Peninsula and of San Francisco will attend the meeting to oppose any action toward granting either permit, it is stated.

Recent figures compiled by the National Association of Manufacturers disclose that 74.4 per cent of American manufacturing plants employing 81.3 per cent of the workers operate open shop, 12.7 per cent of the plants employing 7.1 per cent of the workers operate closed shop, 11.9 per cent of the plants employing 11.3 per cent of the workers operate non-union, with definite discrimination against union members. A tentative estimate made in connection with this report is that 9 per cent of the workers employed in "open shops" are union members. These figures apply exclusively to manufacturing plants.

Steel magnates from England and Sweden are in San Francisco, drawn by the \$100,000,000 worth of steel business which will accrue from the proposed trans-bay bridge, it is reported. Sir William Ellis, official of the John Brown & Co., steel plant, Sheffield, England, is at the Fairmont with a group of other Britons. He admits he is touring the United States to find business openings for his corporation, which sells its products here despite the high American tariff. The Swedish magnate, Olaf Hjorth, who is accompanied by H. Dordenfelt, makes the same observation as Sir William. They are at the Palace Hotel.

A sufficient number of written acceptances having been received for Simplified Practice Recommendation No. 3—Metal Lath—recently revised by the industry, the Division of Simplified Practice of the Department of Commerce announced that the project is now in effect, as of January 1, 1928. Eighty per cent of the known manufacturers, distributed and organized users must accept the recommendation in writing before it can be placed in effect by the Department of Commerce. This recommendation was originally developed in 1923, and was made effective January 1, 1921. It reduced the varieties of the commodity from 25 to 4. A factual survey recently conducted by the standing committee revealed a 99 per cent degree of adherence to the recommendation of 29 per cent for

A tentative revision of sections 5 and 6 of the second draft of a Uniform Mechanics' Lien Act, has been adopted by the Standard State Mechanics' Lien Act Committee, the Department of Commerce announces. The amendment to section 5 provides that an owner of property who has contracted for its improvement shall retain from the contractor ten per cent of all money as it becomes due instead of requiring the contractor to give the owner at the time of each progress payment a sworn statement showing his outstanding obligations as was contemplated in previous drafts of the section. The contractor would still be required, however, to submit such a sworn statement before receiving the final payment and the amounts retained by the owner.

Keith Narbett, son of Jas. T. Narbett, East Bay architect, has been awarded a captain's commission in the University of California cadets. Young Narbett was a former first lieutenant and received his coveted promotion at the close of activities this year. This entitles him to a second lieutenant's commission in the regular army.

The Iron Age says the sustained volume of demand, in view of developments in prices and production, is the most impressive feature of the steel market. Steel ingot output in the first third of the year probably established a new four-month record; finished steel prices are no longer advancing and in some lines are weakening and buying is increasingly cautious. Individual tonnage placed are growing smaller.

Stockholders of North American Cement Corporation have approved recommendations of the directors to consolidate with Penn-Dixie Cement Corporation. The new company to be known as General Cement Corporation.

American Window Glass Company has advanced prices an average of 10%, effective May 11, according to Associated Press dispatches.

International Cement Co. has purchased the Phoenix Portland Cement Company with a plant located at Nazareth, Pa., and Warrior Cement Corporation, with a plant at Demopolis, Ala. These additions to the International system bring their total number of plants to 13 and annual production capacity to 2,000,000 barrels.

Wm. J. Serrill, assistant general manager of the United Gas Improvement Co. of Philadelphia, has been elected to the chairmanship of the American Engineering Standards Committee, succeeding C. E. Skinner of the Westinghouse Electric & Manufacturing Co., chairman of the committee, for the past three years. Lloyd M. Chapman, engineering specialist of New York City and representative of the American Society of Mechanical Engineers will serve as vice-chairman during the coming year.

Western Door Manufacturers Association, recently formed, has opened headquarters in the Washington Bldg. at Tacoma, Wash. Objects of the organization are to promote the fir door industry by co-operative advertising, rigid grading and inspection and grade marking to guarantee quality. Geo. J. Osgood of Wheeler-Osgood Co., Tacoma, is president and W. L. Rawn of Tacoma, secretary.

Albert Mansfield, Burlingame attorney has filed an acceptance of the franchise granted him by the San Mateo County supervisors to construct a \$40,000,000 bridge over San Francisco Bay from Candlestick Point to Alameda county. The franchise was granted Mansfield on March 5 and rescinded seven days later due to protests from San Mateo county and San Francisco interests. The 30-day time limit for filing acceptance of the franchise expires May 12. Mansfield declares his franchise is valid regardless of the action of the supervisors.

Sacramento reports the issuance of 15 building permits in April, 1928, for improvements involving an expenditure of \$758,470 bringing the total number of permits for the year to date to 650 for work costing \$2,443,188 as compared with 865 permits for the corresponding period in 1927, when the work involved an expenditure of \$3,200,140. April, 1927, permits totaled 912 for improvements costing \$491,556. Home building is most active in Sacramento. During the month of April, 1928, 81 permits were issued for one-story one-family dwellings, costing \$323,360.

Palo Alto reports the issuance of 51 building permits in April involving an expenditure of \$112,120 as compared with \$259,591 for the corresponding month of 1927. New residences comprised the largest single item in the permits, the aggregate being \$94,550. In April, 1927, the value of residences was \$116,391.

Federal Judge John R. Hazel of Buffalo, N. Y., has directed National Gypsum Company to show why preliminary injunction restraining them from manufacturing gypsum wallboard in alleged infringement of Gustafson patent 1,665,168 should not be issued. Order issued on complaint of United States Gypsum Company, which filed suit against National Gypsum Company. In bill of complaint United States Gypsum Company asks for damages resulting from manufacture by the National Gypsum Company of wallboard charged to infringe Gustafson patent and for an injunction restraining defendant from further manufacture of this product. Hearing on preliminary injunction was set by Judge Hazel for June 4.

Reductions of approximately 42 per cent in earthquake insurance rates in Los Angeles are announced by the Building Owners' Federation of Mutual Fire Insurance Companies. As a result, fire insurance officials said, Los Angeles property owners will be able to obtain earthquake insurance at the regular board of underwriters' rate. Recently, Dr. Robert T. Hill, geologist, after an extended study, has declared that stresses and strains which would cause severe earthquakes were absent from the Los Angeles area, an opinion opposite to that of Dr. Bailey Willis, a geologist who has held that this district was particularly subject to seismic disturbances.

Tri-county district of San Francisco, San Mateo and Santa Cruz counties to finance construction of the Ocean Shore Highway from San Francisco to Santa Cruz will be organized at once, all counties having agreed to finance its portion of the total cost which is placed at \$5,300,000. San Francisco county will pay 55%, San Mateo county 30% and Santa Cruz county 15%.

TRADE NOTES

Frank E. Carlson and Elwood W. Wright will operate from 1562 Hayes street, San Francisco, under the firm name of Star Roofing Company.

Standard Metal Weather Strip Co. has opened offices in the Builders' Exchange bldg., Oakland, with C. M. Vance in charge. The company specializes in the installation of metal weather strips of the interlocking type.

Oregon Lumber Co. dry sheds at Baker, Ore., together with 2,000,000 feet of lumber was destroyed by fire May 3. The loss is estimated at \$150,000.

Herzog Electric & Engineering Co., announces a special meeting of stockholders for May 12 to be held at 172 Stuart Street, San Francisco.

Western States Construction Co. of San Francisco, capitalized for \$50,000, has been incorporated. Directors are: C. F. Waterbury, J. E. Trabucco and G. A. Richardson.

E. V. McClintock, formerly cost accountant of millwork operations for the Hammond Lumber Company at Los Angeles, has taken up full mill bid estimating for the Redwood Manufacturers Company, Pittsburg, Calif.

George C. Cornitius Hardwood Co. of San Francisco has been incorporated with a capital stock of \$100,000. Directors are: G. C. Cornitius, W. H. O'Neill and C. J. Carey.

Wm. W. Hicks will operate from 215 Rialto Bldg., San Francisco, under the firm name of Wesix Heater Company.

Palo Alto Lumber Co. of Palo Alto capitalized for \$200,000 has been incorporated. Directors are: Elmer R. and Arthur W. Ellis of Palo Alto and Frank W. Ellis of Menlo Park.

Henry F. Kalvelage will operate from 1 Drumm St., San Francisco, under the firm name of McCullough Lumber Company.

B. H. Grove, recently of Sacramento, has taken over the management of the Woodland plant of the United Concrete Pipe & Construction Company, known as Plant No. 4.

Isidor Landman and A. Starke will operate from 310 Eighth Ave., San Francisco, under the firm name of Modern Sheet Metal Works.

The Genfire Steel Company, formerly the General Fireproofing Building Products, had long felt the need of a factory on the Pacific Coast in order to better service the building field, and this need is now realized in their factory located in Maywood, Los Angeles. Not only is metal lath manufactured in the Pacific Coast plant, both in double-mesh and diamond-mesh types, but also a complete line of steel castings, steel sash, steel doors, T bar joists, corner bead, wire mesh and channels are manufactured in this plant, thereby saving from three to eight weeks' time in supplying carload or special orders. Heretofore all proceeds derived from the sale of these materials was sent back East. Now all sheets and bars are purchased from California steel mills and fabricated in the Genfire Los Angeles plant, giving employment to a great number of men. The Genfire Steel Company plant is another advancement in the Pacific Coast building industry.

ALONG THE LINE

Fred A. Whiteman, mechanical engineer in the employ of an Oakland paving concern, died in Berkeley May 2. He had been in poor health for the past six months. He was 42 years old and a native of Somerset, England.

A state-wide search has been started for Edgar A. Peacock, San Diego civil engineer, who has been missing since April 23.

W. B. Hogan, city engineer of Stockton, addressed the Kiwanis Club at Modesto, May 2. His topic was the "Stockton Deep Water Project." Mr. Hogan was introduced by Frank Rossi, city engineer of Modesto.

R. S. Patterson of Los Angeles formerly connected with harbor work at Newport Beach, has been elected city engineer of that city at a salary of \$450 a month. He succeeds Paul Kressly, resigned.

Dwight A. Smith, construction engineer and Robert E. Branch, mechanical production engineer, associated, announces removal to larger offices at 114 Sansome street. The firm specializes in the design, construction and management of industrial plants as well as handling problems in mechanical and structural design.

H. C. Henry, 34, of Sacramento, lumber salesman, was killed in an automobile accident seven miles east of Clements, San Joaquin county, May 3. He was found dead under the machine, which had run into a ditch and upset on the Clements-Ione road.

H. Randall Ellis, San Francisco utilities valuation expert, has been appointed as consultant for the City of Fresno in its anticipated clash before the State Railroad Commission with the California Water Service Corporation over valuation of the properties of the former Fresno Water Company, which the city of Fresno seeks to acquire.

Matthew J. Graham, pioneer San Mateo contractor, died at his home in that city, May 4. Graham was a resident of San Mateo for the past twenty-two years.

Oscar Knecht, San Diego building inspector, and Harold Angier, president of the San Diego city planning commission, are advocating the creation of a municipal architectural commission. Such a commission would tend to check the present tendencies toward nondescript architecture in San Diego, in Mr. Knecht's opinion.

George L. Herndon, general contractor of Sacramento, died in the Sisters' Hospital, that city, May 8, following a month's illness. Mr. Herndon a number of years ago established the firm which bore his name and which more recently was known as Herndon & Finnegan. This company is at present erecting the new machinery building at the State Agricultural grounds in Sacramento. Mr. Herndon was a member of Sacramento Lodge, No. 6, of the Elks, Red Men and Odd Fellows. For a time he served as a member of the Sacramento Municipal Utility District board of directors. Mr. Herndon was born in Sacramento sixty-three years ago. He leaves a widow, Mrs. Carrie P. Herndon; a brother, Harry H. Herndon, and a sister, Mrs. Ida H. Mel.

HERE — THERE — EVERYWHERE

Regular monthly banquet meeting of the Richmond Builders' Exchange will be held in the Exchange headquarters, May 31. Members serving on the committee include: J. O. Dahl, Herbert D. Baker, Thos. P. Bolger, A. H. Winchcole and Fred Jurgewitz.

Employment Department of the East Bay Industrial Association has moved to larger and more centrally located quarters at 251 Twelfth St., Oakland. Since 1921 the department has placed more than 82,000 men to the building trades including mechanics, laborers and clerical help.

Arrangements are being completed by the San Francisco Builders' Exchange for a smoker and entertainment to be held on the evening of May 24. Emil Hogberg, chairman of the Exchange Entertainment Committee, is in charge of the event. He will be assisted by Joseph Ahlback and G. D. Clark.

A five and one-half day week, recently decided by lumber associations of the Pacific Coast, was put into effect May 5 by the Pickering Lumber Company at its sawmills at Standard City and Tuolumne. Only sawmill employees will be affected by the ruling, all other divisions remaining on their former schedules. Saturday afternoons and Sundays will belong to employees.

Plans for the third mid-summer convention of the Northwest Concrete Products Association are being made by Ed. Warner of Tacoma. It is proposed that members of the organization meet July 16 and 17 at Paradise Inn, Rainier National Park. The convention business program will be so arranged that opportunity will be given the members to enjoy the trip to the mountain. A general invitation is extended to all interested in the concrete products industry to attend the meeting.

Twelve painters of Martinez have petitioned the city council to adopt an ordinance requiring a license or bond for all painters and builders operating within the city limits. Those signing the petition are: Charles Hertzog, G. Hollicay, C. A. Jeffers, G. A. Smith, M. Silva, George Bitcon, M. E. Venegas, V. R. Pease, A. J. Coats, E. B. Kearns, M. A. Philpot and Charles Volpi.

Associated Concrete Pipe Manufacturers Association has selected Santa Cruz for the 1928 convention. The convention will draw about 150 delegates and will be held from Aug. 31 to Sept. 3. Headquarters will be at the Casa Del Rey Hotel.

The system of awards to building artisans to encourage better craftsmanship, inaugurated in New York by the New York Building Congress, has brought such satisfactory results that it will be extended to other cities as a means of promoting nation-wide interest in improved workmanship. The project will be carried out in other cities by chapters of the American Institute of Architects. Under the plan adopted in New York, the best mechanic in each trade represented in construction of the most important buildings of the city received a certificate of craftsman, suitably framed, and also a gold button to be worn on the lapel. Over 500 of these awards have already been made.

CONSTRUCTION ONE OF MOST ACTIVE INDUSTRIES—5-DAY WEEK IS OPPOSED

(Reprint from Engineering News-Record, New York)

In the absence of adequate machinery for getting complete data for all trades, the total extent of unemployment in the United States is difficult to measure. For example, Secretary Davis places the number of idle workers at 1,871,050, whereas Senator Wagner of New York estimates it at 2,766,920. Babson's data indicates that employment of labor throughout the country is about 7½ per cent under that of a year ago.

The most active industries are the construction, automotive and steel. Government figures, released April 27, show notable increases in employment during March in the following industries: shipbuilding, toundry and machine shops, machine tools, sawmills, cast-iron pipe, iron and steel, agricultural implements, stamped ware, automobiles, brick, glass, fertilizers, ice cream and sugar refining. Decreases are reported in four industries: wooden textiles, book and job printing, tobacco and rubber boots.

A survey of the five-day week question, conducted in April by the National Association of Building Trades Employers, shows that in only four cities are all building trades working a five-day week. However, in 66 out of the 75 cities included in the survey, the five-day plan has been adopted by one or more of the building crafts. Contractors' organizations are unanimously opposed to the five-day system. The chief reason given is that it will mean increased costs with consequent discouragement of prospective building. Contractors see in the shorter week the necessity of overtime in order to complete, on a given date, jobs already started. The loss of time occasioned by the shorter working week, together with bad weather, will render the mechanics unable to average their usual weekly or annual incomes. They will then, according to the survey, press for overtime on Saturday evenings and Sundays, thereby increasing contractors' costs.

Cities where the five-day week is be-

ing worked by practically all trades are Miami, Atlantic City, Portland, (Ore.), and Seattle. The following trades have the five-day week in the cities or localities named:

Painters—Denver, Boston, Long Island, Hammond (Ind.), Baltimore, New York, Atlantic City, Bridgeport, Miami, Portland (Ore.), St. Louis. Five-day week begins June 1 in Schenectady, Scranton, Utica and Seattle.

Plasterers and Lathers—Denver, Pittsburgh, Buffalo, Detroit, Long Island, Baltimore, New York City, Atlantic City, Boston, Dayton, Hammond, Miami, Portland (Ore.), Philadelphia, St. Louis and Seattle.

Carpenters—Denver, Baltimore, Atlantic City and St. Louis.

Bricklayers—Denver, Vancouver, Baltimore, Atlantic City, Miami, Portland and Seattle.

Plumbers—Detroit, Vancouver, Baltimore, Atlantic City, Miami, Portland and Seattle.

Electricians—Miami, Portland, Seattle, Schenectady and St. Louis.

Cement Finishers—St. Louis, Baltimore, Atlantic City and Seattle.

Elevator Constructors—St. Louis.

The average skilled labor rate for the entire country is \$1.36 1-3 per hour, compared with \$1.35 last month and \$1.31 in May, 1927. The slight decrease this month was due to wage advances granted bricklayers in Birmingham and Dallas. Common laborers receive an average rate of 55c. per hour, the same as in April compared with 55½c. in May, 1927.

Following are the wage changes noted in the last month:

	May	April
Dallas	\$1.67½	\$1.62½
Birmingham	1.50	1.33½
Minneapolis	1.25 to 1.37½	1.37½
Hoisting Engineers:		
Birmingham	1.25	1.00
Pittsburgh	1.43¾	1.56¼ 1.37½ 1.50
Structural Ironworkers:		
Montreal	0.80	0.75

ANTIQUATED BUILDING CODES BOOST CONSTRUCTION COSTS IS CLAIM

Antiquated building codes are making construction costs in many large cities unnecessarily high, Arthur R. Lord, president of Lord & Hollinger, civil and architectural engineers, declared before a meeting of the Western Society of Engineers at Chicago. Lower rents, reduction in merchandise prices, and safer, more attractive buildings will result when municipal building codes are revised to recognize modern advances in construction science, he said.

Mr. Lord is a member of the new Chicago code committee, which is making a revision of the Chicago building code. Similar committees in New York and Philadelphia are working on the same code material and there is a prospect that uniform municipal building regulations may be adopted by all large cities. Many large cities are laboring under the same difficulties as Chicago because their building codes have not been revised for years and consequently prevent architects, engineers and contractors from taking advantage of recent developments and improvements in construction technique. Mr. Lord told the meeting of en-

"Chicago building ordinances were slightly revised in 1917, yet since that time many advances have been made in engineering which make construction both cheaper and stronger," Mr. Lord asserted. "But on these advances, our present code and similar ordinances in other cities, are silent. If they were incorporated into and recognized by the codes, building costs could be cut, rents could be lowered, and the general public would benefit by lower prices because merchants' overhead would be reduced.

"For example, the present Chicago code specifies six sacks of cement to a yard of concrete in order to secure a strength of 2000 pounds. Yet our experience with Wacker Drive showed that with exactly the same materials we can get 3500 pounds, or an increase of 75 per cent in strength, without any additional cost." Mr. Lord's paper describing the Wacker Drive project, for which he was consulting engineer on design and construction, won for him the Wason medal, awarded by the American Concrete Institute.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715 57 Post Street, San Francisco, (Phone Sutter 1684).

X-4447-C-S SALES ENGINEER

about 30, technical graduates, preferably structural engineers, to promote among architects, engineers and contractors, steel roof decking and maintain enthusiasm and help salesmen company's various branch offices. Must be trained in roofing and especially insulating material. One man for Eastern for Middlewest and one for South. Will be required to travel to headquarters at their own expenses for one month's special training and the will be assigned to a territory. Salary: \$250-\$300 a month with all expense paid when away from assigned central branch office. Apply by letter. Headquarters, Middlewest.

R-1625-S BUILDING ESTIMATOR,

preferably under 30, with technical training and some actual experience with a contracting company, to figure concrete and steel industrial jobs. Will lead to selling and is permanent for right man. Salary open. Headquarters San Francisco.

R-1633-S STRUCTURAL DRAFTSMEN

pref. technical graduates, with several years experience as detailer of structural steel and reinforced concrete office buildings. Salary open. Location, San Francisco.

K-57-X-4783-C-S STRUCTURAL ENGINEER,

capable of designing and estimating on steel structural work, ore bins, trestles, at concentrator and mines. Salary \$225 month. Apply by letter. Location, Mexico.

R-1639-S EXPERIENCED TIMEKEEPER

on building construction. Must be typist and bookkeeper and able to keep costs on a good sized job. Salary about \$175 to start. Location, San Francisco.

R-1629-S SALES ENGINEER, 26-40,

preferably technical graduate with several years field experience as engineer or executive to sell construction equipment. Sales experience not necessary, but must have right personality and be willing to learn. Salary open. Headquarters, San Francisco.

LUMBER MART AID REQUESTED AT WASHINGTON MEET

Recommendations for strengthening the position of American lumber exporters in the markets of the world were placed before the United States Department of Commerce by a group of lumbermen at a recent conference in Washington. California was represented at the meeting by Peter C. McNevin of San Francisco.

Stating that profitable exports of lumber are dependent to a large degree upon expert investigations of market conditions abroad, the committee recommended extension of the Government's service in this respect by the addition of a few lumber specialists detailed to some of the more important markets of the world not now covered by the department.

An authentic lumber export manual is needed by the trade, according to the committee, which recommended that the Government undertake the compilation. It was urged to exhibit American wood products at foreign fairs and to show foreigners American construction methods.

The lumber export committee is one of eighty committees of business men working with the Bureau of Foreign and Domestic Commerce to establish more helpful relations between the Government and branches of industry represented by the committee.

FAVORING OF AMERICAN MATERIALS FOR FEDERAL CONSTRUCTION WILL BE SETTLED OUTSIDE OF CONGRESS

Differences between contractors and manufacturers over the best method of favoring American materials in federal construction work will probably be settled outside of Congress, according to a letter recently issued from the Interdepartmental Board of Contracts and Adjudgments. This letter was sent to Representative Wood of Indiana, who has a bill on the calendar seeking to give precedence to American materials. The Associated General Contractors, however, declared themselves in opposition to Mr. Wood's bill, not because they were out of sympathy with using home products but rather due to their fear that the bill was too general and would impose additional burdens on the contractors.

The letter from the Interdepartmental Board calls attention to the fact that the board itself adopted resolutions on April 1, 1927, which give priority to American materials. It is believed that the objections raised by the Associated General Contractors to the Wood bill are met by these resolutions. The particular objection of the A. G. C. to the Wood measure is that no definition is given whether materials fabricated in this country are to be considered as foreign or domestic and that the contractors would be seriously hampered therefore in specifying this type of product. The resolution

adopted by the Interdepartmental Board meets this objection, domestic articles or materials being defined as meaning articles or materials manufactured or assembled in the United States or its possessions. The text of the resolution is as follows:

"Preference for domestic articles or materials will be given, conditions of quality and price, including duty, being equal. Unless otherwise stated in the bid it will be understood that domestic articles or materials only will be used and the use of foreign articles or materials will not be permitted unless they are of better quality, or, being of equal quality, will be furnished at a lower cost to the government, or where domestic articles are not available. The term domestic articles or materials in this connection means articles or materials manufactured or assembled in the United States or its possessions.

"This Board also recommends that the departments and establishments be instructed that hereafter when preparing specifications for the construction or repair of public buildings or works, the foregoing paragraph will be inserted in the specifications or other appropriate papers forming a part of the contract and that, when practicable, it also be used in the procurement of supplies."

Tornado-Resistant Buildings Are Possible—Forest Engineer Declares

Structural damage to buildings by tornadoes and the loss of life incident thereto, may be avoided or reduced by signing buildings so they can more readily resist internal pressure, declares V. Teesdale, of the Forest Products Laboratory of the Forest Service, United States Department of Agriculture.

Property damage to buildings by tornadoes may be divided into two classes—at least caused by the explosive effect and at least caused by flying debris. The explosive effect, usually the more serious, occurs as a result of a difference in atmospheric pressure set up by a tornado between the inside and the outside of a building. The sudden drop in external pressure produces an internal pressure which frequently results in the blowing out of some portion of the building.

"It is possible to relieve the internal pressure of air thus set up in a building by providing automatic vents in it," says V. Teesdale. "Observations made following the St. Louis tornado last September indicate that from 10 to 15 per cent of the outside walls and a similar

area in the roof should be vented. There are a number of methods by which this could be done. If a sufficient number of windows or panels were designed so that they would open outward from internal pressure the necessary venting could be accomplished. Special windows equipped with hardware which would work on the same principle as the panic bolts used on exit doors in theaters would do the trick. Hinged panels for use in the spaces between window sills and floors or elsewhere in the side walls of a building is another venting possibility. Roofs may be vented by automatic dormer windows, by special skylights, or by hinged roof panels.

"Such automatic vents could be installed in existing buildings as well as in new buildings. They could be used in all types of buildings, large or small, public or private, in the city or in the country—even to the farmer's barn or poultry house. The practicability of various venting methods could be tested in laboratories. This would offer opportunity to work out the most suitable types of vent construction."

DETAILS OF GRAYS HARBOR LUMBER MERGER ARE ANNOUNCED

Details of the formation of the \$10,000,000 holding company which is affecting the consolidation of 75 per cent of the lumber mills of Aberdeen, Hoquiam, Montesano and Cosmopolis were disclosed upon the return to San Francisco of Cliff F. Weatherwax, owner of Aberdeen Lumber & Shingle Company, and the guiding figure in the merger negotiations.

The objective of the consolidation, according to Mr. Weatherwax, is to stabilize the lumber industry of the Grays

Harbor district through the economies to be gained through elimination of duplicate production and through unified marketing. He reports that the consolidation committee is receiving the active support of the 19 companies of the district to which merger invitations have been extended, and the lumber interests of the Pacific Northwest generally look upon the project with optimism.

Mr. Weatherwax stated that Bond & Goodwin & Tucker, Inc., are perfecting

the financial phases of the consolidation, while the mill men are arranging a plan for unification of the physical properties.

Representatives of the lumber companies will meet in San Francisco next week to complete the merger negotiations which were begun at Grays Harbor last week. It is understood the negotiations will proceed upon a plan based upon valuations of the various properties which have been determined by an appraisal committee and the individual companies will receive stock in the new holding company in exchange for their plants.

Discussing the prospects of the merger, Mr. Weatherwax said:

"Without a doubt the manufacture of lumber by the mills of Grays Harbor could be accomplished much more advantageously if the entire efforts were under one direction, than under present conditions where some 20 mill companies are producing products with wasteful duplication of effort. Important economies should be effected through proper co-ordination.

"The merger of the mills will not preclude the possibility of a shutdown on the part of several mills, but it will reduce the time the mills will be closed, and will place them in a position to operate on a continuous basis after the merger is concluded. Also the grouping of the mills under single ownership will make it possible for the mills to retain the present wage scale and to avoid cutting, as has been contemplated by several companies.

"The general principles underlying the thought of a merger of the Grays Harbor saw mills are in keeping with the principles of individual business efforts in other lines of industry. It is only necessary to point to the chain groceries, clothing stores, etc., where mergers have enabled the respective industries to manufacture and market their product as a fair and stable profit."

Mr. Weatherwax expects that the successful consummation of this consolidation will be followed immediately by other regional mergers in British Columbia, Puget Sound, Willapa Harbor, Columbia river and Coos Bay.

The relative importance of the new company in the lumber industry may be inferred from the schedule of shipments from Grays Harbor in the past five years. In 1923, total shipments were 774,000,000 feet, and each succeeding year witnessed a substantial increase, so that in 1927 the total was 1,252,000,000 feet.

Mills involved in the present negotiations have a present total daily capacity of 3,500,000 feet. Those associated with the Grays Harbor mills say that it is safe to state that in the near future Grays Harbor will be shipping in excess of 25 per cent of all waterborne shipments from the Northwest.

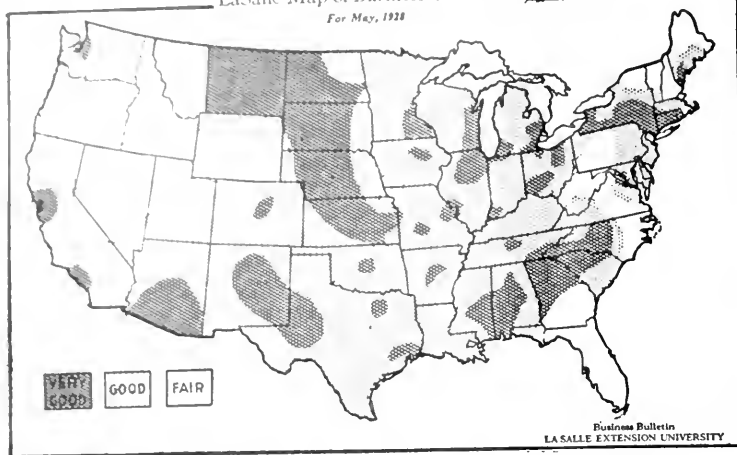
HUNDREDS OF ARCHITECTS ENTER LIGHTHOUSE COMPETITION

Reports from Washington, D. C., are that 362 architects from 29 different countries have entered the competition for a design for the Columbus lighthouse to be erected in the Dominican republic. Entrants to date are distributed as follows: United States 225, France 46, Italy 16, Germany 16, Sweden 7, England 3, Norway 3, Austria 2, Hungary 1, Switzerland 4, Spain 2, Portugal 1, Denmark 2, Czechoslovakia 2, Bulgaria 1, Belgium 1, Serbia 1, Canada 5, Japan 2, Mexico 8, Peru 1, Cuba 4, Haiti 1, Costa Rica 2, Panama 1, Venezuela 1, Porto Rico 2, Dominican Republic 1, Chile 1.

The competition is being handled by a special committee of the governing board of the Pan-American Union, which is promoting the lighthouse project. The date for the first award, set for Jan. 1, 1929, may be advanced to March 1 or April 1 of that year if the committee yields to the prevailing opinion of individual members.

LaSalle Map of Business Conditions

For May, 1928



Many Sections of the Country Show Improvements Map Supplied by Research Division of LaSalle Extension University

Following the precedent set last month, the Business Conditions Map shows the best commercial and agricultural areas in heavy shading. The industrial centers continue to stand out in bold relief; this month, the Providence, Cleveland, Akron, Milwaukee, and Twin City districts are added, so that the northeastern quarter of the map carries a large quota of very good shading. Eastern Tennessee, the western part of South Carolina, and certain portions of Alabama and Mississippi have also won election to the select circle, along with sections of the Dakotas, Kansas, Colorado, and Montana. Parts of Maine, Maryland, Michigan, Missouri, Nebraska, Iowa, Utah, and Washington show improvement, and merit a change from the fair to the good classification.

As is to be expected, wholesale and retail

trade are not yet showing the full measure of improvement recorded by manufacturing activities, but conservative optimism as to the next few months is fully warranted. For example, a hopeful sign is afforded by the national forecast of second-quarter freight-car requirements, published by the Shippers' Advisory Boards. A net increase of 3.7 per cent over the car loadings of the second quarter of 1927 is predicted. Gains are expected in all but five of the twenty-nine classes of commodities listed. Automotive products, agricultural implements, and printed matter show the greatest percentage increases. As the map indicates, conditions over the country are by no means uniform, but improvements are outweighing declines, and the scales lean to the prosperity side.

GRADE MARKING OF LUMBER MEANS A BETTER HOME AND AT LESS COST

How the home builder can have a better home at less cost by following some of the economy recommendations of the National Committee on Wood Utilization of the Department of Commerce, was outlined today by William S. Quinter, Washington banker, before the annual meeting of that body.

The use of grade-marked lumber, alone, would justify a building association to make a larger loan on a home because this system of marking each piece of lumber with a symbol denoting its quality gives assurance of good construction material, said Mr. Quinter, who is President of the District Building and Loan Association.

"I represent on this committee the United States League of Local Building and Loan Associations," he stated, "a league composed of local associations from all of the United States, over 12,000 in number, with a combined membership of over 11,500,000 savers and home owners, and over seven billion dollars in assets. These associations made mortgage loans in excess of two billion dollars during 1927, providing funds for the buying and building of 600,000 homes, or about 1,600 a day.

"You can well understand that such an army of savers and home owners is vitally interested in the work being done and the facts being accumulated by this committee.

"To my mind the biggest and most important work yet undertaken by it is the movement for grade-marking. While the supporters for building and loan associations are usually men who have had experience in both the building and selling of homes, they are not lumbermen or even builders, and grade-marks would be

of very great assistance to them, giving them the assurance that the grade of material called for by the specifications was actually going into the construction of the home. I am sure that in my own case, when I have occasion to inspect a job for the purpose of making an advance on a loan, grade-marks would be of great assistance.

"Home owners, who in most instances are building for the first time, would be even more anxious to see that first grade lumber is being used.

"An association would be justified in making a larger loan where grade-marked lumber was to be used throughout, giving the assurance that the home was to be constructed of the highest class of material.

"The Committee has done fine work in the introduction of short-length and end-matched lumber, two forward movements which have cut the cost of building without reducing the quality. The more important feature, from my standpoint, is the education of the public in the use of short-lengths and end-matched lumber, and the Committee has done wonderful work along this line.

"The Building Association as a whole," he added, "is solidly behind this Committee and we are in hopes that its work will be broadened and enlarged so that the public may reap the full benefit of the work the Committee is doing so well."

Harlan Thomas, former president of the Washington Chapter, A. I. A., is seeking the appointment of a permanent City Planning Commission for Seattle. Expenses of the commission would be about \$20,000 a year.

SUPREME COURT DECISION AFFECTS RIGHT TO LIEN

Rights to lien once expired cannot be restored by sale and delivery to the job of insignificant items. This means of obtaining extensions of time for filing liens recently was found not valid by the Supreme Court of Washington in *Pioneer Sand and Gravel Co. vs. Thomas L. Taylor*, Seattle home builder.

The case was originally tried before Judge Moriarty in the Superior Court, King County with the Petro Paint Company of Seattle and the Pioneer Sand and Gravel Company attempting to foreclose liens on the same property. Judge Moriarty disallowed both claims and the Pioneer Sand and Gravel Company appealed.

Taylor was the owner and builder of five houses in King County, and for four of the homes the Pioneer Sand and Gravel Company furnished most of the cement. The first delivery of cement was made on February 26, 1926, and on July 1, they commenced to deliver it to the fourth house. During this time Pioneer had been trying to make collections but Taylor put them off with the plea that he could get no money until the homes were completed. No liens were filed.

On July 3 an agent of the Pioneer Sand and Gravel Company inspected the property to ascertain when the jobs would be completed, and word was sent to Taylor to call at its offices. Taylor called on the appellant July 6, stated that he was unable to pay the account, and that he needed additional material to do some insignificant patching about the premises. He ordered two sacks of cement to be delivered to each of the residences. It was shown, however, that these sacks of cement were not used in any way to complete the work but were, at Taylor's request, thrown into a shed and left there. Taylor did nothing more to complete the homes.

The Pioneer Sand and Gravel Company filed a lien on September 16, against Taylor's property, asserting that by reason of the small delivery of July 6, they were justified in filing a lien any time within 90 days after that date, rather than 90 days after delivery of the original materials.

The Supreme Court said, "the evidence and logical deductions from the evidence in this case show that the small item furnished by appellant on July 6, although at the request of the owner, were not made for the purpose of fully completing the contract, but merely for the purpose of fixing a later date. The materials were not used at all in any kind of construction in or about the premises. They were not in fact delivered to any of the premises except en masse to one. They were obtained by Taylor, as he testified, for the purpose of obtaining further time for himself, which appellant well knew, and knew the necessity, either of obtaining payment of its accounts, or of extending the time in which to file its lien. It knew that Taylor could not pay his indebtedness, and knew that the time for filing lien had almost expired on several, and had expired on one of the houses. The order for material was so insignificant in amount and value that it must inevitably have known that it was not ordered in good faith for the purpose of completing the construction of whatever was left to be constructed on any one of the premises."

The Court then gave appellant judgment against Taylor personally for the value of materials but refused a decree of foreclosure on the grounds that the deliveries of July 6 were not made in good faith, and that notice had not been filed within 90 days after the last delivery.—Pacific Reports, Vol. 256, Page 155

Herbert E. Wood has been appointed building inspector of El Cerrito, Contra Costa County, succeeding John Hayes, resigned.

Building News Section

APARTMENTS

Bids Being Taken

APT. BLDG. Cost, \$100,000
OAKLAND, Alameda Co., Cal.
 Six-story Class A apartment building.
 Owner and Builder—Fletcher & Mason,
 479 Kentucky Ave., Berkeley.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

LOS ANGELES, Cal.—Architect Mil-
 ton M. Friedman, 6001 Santa Monica
 Blvd., will take segregated bids for 5-
 story brick apts. to be erected in Nor-
 mandie Ave. for Francis J. Murphy; 80
 apartments, 120x125 feet

LOS ANGELES, Cal.—Jack Olerich 4414
 2nd St., is taking sub-bids for 3-
 story apts. at Second St. and Gramercy
 Ave. for himself; plans by C. Roderick
 Spencer, architect, John L. Landon and
 Harrison Clarke, associated, 4250 Beverly
 Blvd.; 60x150 feet, 40 apartments; steel
 frame and steel joists and reinforced
 concrete floors and walls, hollow tile
 exterior partitions; \$300,000.

LOS ANGELES, Cal.—Dwight C.
 Howell, 682 S. Alvarado St., completes
 plans for 4-story and part basement
 apartments to be erected on S. Bonnie
 Ave. for client; 100x145 feet, brick con-
 struction. Contractor is being arranged
 for.

LOS ANGELES, Cal.—Dwight C.
 Howell, 682 S. Alvarado Ct., preparing
 plans for a 5-story apartment and gar-
 age building to be erected at 912 S.
 Vestlake Ave. for Oscar Reilly; entire
 first floor will be used as a garage; 100
 x145 feet, concrete and steel frame con-
 struction.

Preparing Preliminary Plans

APT. BLDG. Cost, \$125,000
RESNO, Fresno Co., Cal., Franklin &
Yosemite Aves.
 Seven-story class A apt. bldg. (132 rooms,
 garage, swimming pool, tennis courts,
 etc.)
 Owner—J. A. Manning, 421 Mills Bldg.,
 San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg.,
 San Francisco.
 Modern steam heating and cooling sys-
 tem, electric refrigeration, etc., to be
 installed.

HOLLYWOOD, Los Angeles Co., Cal.
 Architects Cramer & Wise, 567 I. W.
 Hellman Bldg., desire bids on all sub-
 contracts for 5-story apts. in Hollywood,
 or a client; 175 rooms, 58 apartments,
 65x114 feet; steel frame and concrete
 construction.

LOS ANGELES, Cal.—M. H. Deal,
 964 Fountain Ave., awarded contract
 for 5-story and basement Class A apart-
 ments, 50x136 feet, at 906 N. Bonnie
 Ave. for John Barth. Plans by Jones
 & Edwards, 5880 Maywood Ave.; 60
 apartments. A 40-car garage will be pro-
 vided in the basement; steel frame con-
 struction, brick filler walls, tile parti-
 tions; \$170,000.

EMERYVILLE, Alameda Co., Cal.—A.
 M. Fearey, plumbing contractor, 4377 Ad-
 eline St., Emeryville, seeks building per-
 mit from city to erect three-story \$20-
 000 apartment house in Adeline St., near
 13rd St.

SEATTLE, Wash.—Chapman & Chap-
 man, Seattle, at approx. \$110,000 award-
 ed contract by Architect Earl W. Morris-
 son, Lloyd Bldg., Seattle, to erect 3-
 story and basement masonry apartments
 at Second Ave. and Eagle St., for
 Bridges & Chapman; will be 60 by 108
 feet, containing 31 two and three suites
 25 two-room and 6 three-room suites.
 Brick facing trimmed with cast stone.

Plans Complete

APT. BLDG. Cost, \$100,000
OAKLAND, Alameda Co., Cal.
 Six-story Class A apartment building.
 Owner—Fletcher & Mason.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

ROSEVILLE, Placer Co., Cal.—Geo.
 E. Miller, 3148 B St., Sacramento, gen-
 eral contractor, will erect for himself
 a sixteen 3-room apartment building at
 Berkeley and Main Sts.; will have
 stucco front with brick trimmings. Est.
 cost \$26,000

LOS ANGELES, Cal.—J. P. Stein, 610
 Commercial Exchange Bldg., is taking
 segregated bids for 5-story class C apts.
 60x135 ft. to be erected at 204 S. Manhat-
 tan Pl. for himself. Plans by C. Waldo
 Powers, 608 Hibernian Bldg. Will con-
 tain 50 apts.; brick construction.

LOS ANGELES, Cal.—King and Fried-
 man, 6161 Whitworth Dr., having plans
 prepared for a 5-story class B apart-
 ments which they will erect for them-
 selves by day work and subcontract.
 Plans being prepared by Stanley A.
 Fleisher, 740 S. Stanley Ave.; brick and
 steel with brick and plaster exterior.

LOS ANGELES, Cal.—Samuel Gitelson,
 435 Merchants National Bank Bldg., will
 build 4-story class C apartments on Wil-
 son Pl. south of 8th St., for Chas. L.
 Hoxie; will contain 80 rooms, divided into
 16 single and 16 double apartments; brick
 construction, 60x136 ft.; cost, \$100,000.

LOS ANGELES, Cal.—Bessolo and
 Gualado, 349 Pacific Electric Bldg., com-
 pleting plans and will build a 4-story
 class C apartment-hotel in Sunset Blvd.
 near Golden Gate Ave., for O. McGinnis;
 32 single and double apartments and 20
 hotel rooms with 100 per cent baths;
 brick construction.

PHOENIX, Ariz.—Lincoln Mortgage Co.
 has prepared plans for apartments to be
 erected on N. Central Ave. for A. R.
 Hansen; cost, \$100,000.

Plans Being Prepared

ALTER & ADDITIONS Cost, \$—
BERKELEY, Alameda Co., Cal., Clara-
mont Ave. near Ward St.
 Alterations and additions to present store
 and apartment building.
 Owner—Glenn Connelly.
 Architect—B. Reede Hardman, First Na-
 tional Bank Bldg., Berkeley.

Plans Being Prepared

APT. BLDG. Cost, \$650,000
SAN FRANCISCO, 2160 Pacific Ave.
 Fourteen-story class A apartment bldg.
 (250 rooms, all modern conveniences).
 Owner—E. Trapp, 105 Montgomery St.,
 San Francisco.
 Architect—Douglas Stone, 354 Hobart St.,
 Oakland.

Segregated Bids Being Taken

APARTMENTS Cost, \$35,000
OAKLAND, Alameda Co., Cal. Thirty-
fifth St. and Telegraph Ave.
 Two-story frame and stucco apartment
 building (12 2 and 3-room apts.)
 Owner—Harry Fitzgerald.
 Architect—Leonard H. Ford, 1435 Har-
 rison St., Oakland.

Sub-Bids Being Taken

APARTMENTS Cost, \$100,000
SAN FRANCISCO, SE Waller and La-
guna Streets.
 Six-story Class C reinforced concrete
 apartment building.
 Owner and Builder—W. Van Herrick,
 Hearst Bldg., San Francisco.
 Architect—J. C. Hladik, Monadnock
 Bldg., San Francisco.

LONG BEACH, Los Angeles Co., Cal.
 Schilling & Schilling, Farmers & Mer-
 chants Bank Bldg., Long Beach, are com-
 pleting working plans for a 5-story and
 basement class A store and apartment
 building to be erected at the southeast
 corner of Broadway and Linden Ave.;
 Long Beach, for the Broadway Land Co.;
 a syndicate composed of Edgar Davis, C.
 J. Curtis, C. C. Lewis, E. J. Wightman
 and Charles Malcom; the building will
 contain eight stores and thirty apart-
 ments; 100x121 feet, reinforced concrete
 construction.

Plans Being Prepared

APT. BLDG. Cost, \$75,000
OAKLAND, Alameda Co., Cal., Merritt
& Wesley Aves.
 Three-story class C apartment bldg. (14
 3 and 4 room apts.)
 Owner—D. H. McCorkle.
 Architect—Douglas Stone, 354 Hobart St.,
 Oakland.

BONDS

MERCED, Merced Co., Cal.—Election
 will be held May 11 in Merced Element-
 ary School District to vote direct tax
 for \$27,000 to finance additional class-
 rooms at John Muir School. Trustees of
 district are: C. F. Wuertley, Walter
 Mink, J. W. Spagnoli, J. A. Keck, C. H.
 Wright.

WILLITS, Mendocino Co., Cal.—Trust-
 ees of Willits Union High School Dis-
 trict are conferring with architects re-
 garding estimates of cost for a new high
 school. Bonds will be voted to finance
 construction.

SQUAW VALLEY, Fresno Co., Cal.—
 Election will be held June 1 in Squaw
 Valley School District to vote bonds of
 \$4000 to finance erection of school to re-
 place structure recently destroyed by
 fire. Trustees of district are: Orin Kin-
 caid, E. M. Pugh and J. E. Levy

SANTA MONICA, Los Angeles Co.,
Cal.—Board of Education sets June 5 as
 date to vote bonds of \$1,985,000 to finance
 erection of new schools and additions to
 standing structures.

GERBER, Tehama Co., Cal.—Gerber
 Union Grammar School District will vote
 bonds of \$5000 to finance addition to pres-
 ent school.

NAPA, Napa Co., Cal.—Voters of city
 reject proposal to levy direct tax to
 finance erection of \$100,000 memorial
 hall building dedicated to war dead of
 Napa County. 670 in favor and 755
 against.

Orders-Inquiries

60
pages

Send
for
FREE



POLK'S REFERENCE BOOK
and Mailing List Catalog

Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK
and Mailing List Catalog

Gives counts and prices on over 8,000
 different lines of business. No matter
 what your business, in this book you
 will find the number of your prospec-
 tive customers listed.
 Valuable information is also given as to
 how you can use the mails to secure
 orders and inquiries for your products
 or services.

Write for Your **FREE** Copy
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statisticians
 Producers of Direct Mail Advertising

ALHAMBRA, Los Angeles Co., Cal.—Board of Education has removed the \$147,000 school bond issue from June 5th ballot on account of legal complications that might arise from holding a joint election. Proceeds of the proposed issue are to be used for new senior and junior high school buildings and for purchase of a new school site. John C. Austin and Frederic M. Ashley are the architects with John Walker Smart associated.

ESCALON, San Joaquin Co., Cal.—Escalon High School District will raise \$5,000 via direct tax to finance construction of manual training and workshop at school grounds.

MARTINEZ, Contra Costa Co., Cal.—Ambrose School District (near Pittsburg) votes bonds of \$10,000 to finance erection of addition to present school.

FALLON, Nevada.—City contemplates bond issue to finance erection of city hall to house all city offices, city library, police headquarters and fire department quarters.

BAKERSFIELD, Kern Co., Cal.—Due to technical error, new bids will be received by county supervisors June 4 for purchase of \$300,000 bond issue of Kern County Union High School District; proceeds of sale to finance school improvements.

CHURCHES

Sub-Bids Being Taken
CHURCH BLDG. Cost, \$18,799
SACRAMENTO, Sacramento Co.; 24th & K Sts.
One-story frame and hollow tile church building (seating capacity 300).
Owner—Reorganized Church of Latter Day Saints.
Architect—Eugene Seadler, Mitau Bldg., Sacramento.
Contractor—Ed. R. Beebe, 2506 21st St., Sacramento.
Construction is to be started in two weeks.

Planned
CHURCH BLDG. Cost, \$—
ALAMEDA, Alameda Co., Cal.; SW High and Van Buren Sts.
Church building.
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.

Erection of this structure depends upon the favorable vote of the City Planning Commission to rezone the district in which the building is to be erected.

TURLOCK, Stanislaus Co., Cal.—Ed. Wolfe, Turlock, at \$3700 awarded contract by Mission Congregational Church for heating and ventilating system in new edifice to be erected in Boulah Park, the general contract for which was awarded to Neil & Wirtner, Turlock, at \$26,862. Will be one-story frame and stucco. Plumbing awarded to Carl Hedman and electric work to Hunt & Ocken, both of Turlock. Heating system will be combined steam and hot air system.

Plans Being Figured—Bids Close April 20
CHURCH Cost, \$50,000
RENO, Washoe Co., Nevada.
One-story reinforced concrete church building with tile roof; Moorish design.
Owner—Trinity Episcopal Church.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, and 523 Market St., San Francisco.

General bids are being taken and are being received at Reno by Mr. De Longchamps.

Bids Opened—Held Under Advisement
CHURCH Cost, \$140,000
OAKLAND, Alameda Co., Cal. Twenty-ninth and Fairmount Aves.
One and two-story reinforced concrete church building.
Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

SANTA ANA, Orange Co., Cal.—First Methodist Church, F. W. Wiesseman, chairman of executive committee, expects to start work Aug. 1st on new edifice at 6th and French Sts.; two-story and basement structure, 70x120 ft.; frame and stucco construction; cost, \$85,000.

FACTORIES & WAREHOUSES

Structural Steel Contract Awarded.
WAREHOUSE Cost, \$30,000
OAKLAND, Alameda Co., Cal. Foot of Pine Street.
One-story warehouse (mill construction) Owner—Pacific Coast Cannery.
Plans by Owner.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded
FACTORY ADDITION Cost, \$15,000
EMERYVILLE, Alameda Co., Cal.
One-story brick addition to present factory building.
Owner—Magnavox Co.
Architect—B. J. S. Cahill, 357 12th St., Oakland.
Contractor—H. J. Christiansen, Syndicate Bldg., Oakland.
Sub-bids will be taken shortly.

Contract Awarded
WAREHOUSE Cost, \$175,000
SAN FRANCISCO, N Paul Ave., E San Bruno.
Three-story reinforced concrete warehouse.
Owner—D. M. Ferry & Co., 759 Front St.
Architect—Albert Kahn, Marquette, Detroit, Mich.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Building permit applied for.

Sub-Contracts Awarded
ALTERATIONS Cost, \$—
ELMHURST, Alameda Co., Cal. Eighty-fifth Ave.

Alterations to present plant.
Owner—California Packing Corp., California St., San Francisco.
Architect—Engineering Dept. of Own
Philip Bush, Engineer.
Contractor—R. W. Luffield, 337 17th St., Oakland.
Reinforcing Steel—Soule Steel Co., Rialto Building, San Francisco.
Plumbing—Frank Gottstein, 226 8th St., Oakland.
Mill Work—Oakland Planning Mill Co., & Washington Sts., Oakland.
Miscellaneous Iron—Herrick Iron Works, 18th & Campbell Sts., Oakland.
Glass & Glazing—East Bay Glass Co., 35th St., Oakland.
Lumber—Chicago Lumber Co. of Was- ington, 68th Ave., Oakland.

Sub-Bids Being Taken
WAREHOUSE Cost, \$30,000
OAKLAND, Alameda Co., Cal., Foot of Pine St.
One-story warehouse (mill construction) Owner—Pacific Coast Cannery.
Architect—Plans by Owner.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

PHOENIX Ariz.—Firestone Tire & Rubber Co. has purchased site, 200x140 ft. and is having plans prepared for a one-story building to cover the entire site and to be occupied as central distributing plant.

AZUSA, Los Angeles Co., Cal.—Architect Robert H. Orr, 1305 Corporation Bldg., preparing plans for a shop and storage building to be erected for Azusa Foothill Citrus Association at Azusa, one-story, 118x120 ft., reinforced concrete construction.



LUCILE ALWAYS was bright.
SHE IS now cashier.
IN A San Francisco office.
NEAR THE central office.
OF SANDY Pratt, President.
OF THE Pratt Building Material Co.
PRODUCER OF clean sand.
AND HARD rock and gravel.
WHEN LUCILE was five.
THE NEIGHBORHOOD kids.
GAVE A circus.
AND IT cost one bottle.
OR A good sack.
FOR GENERAL admission.
NO EXTRA charge for reserved seats.
LUCILE'S MIND was always working.
SO SHE took two sacks.
AND EXPECTED special attention.
SECURING A front seat, etc.
THE SHOW had only commenced.
WHEN THE ring master.
TOLD THE multitude assembled.
THAT THE next act.
WAS THEIR star number.
AND IT had only begun.

WHEN LUCILE yelled "Rotten."
THEY THREW her.
OUT OF the tent.
ONTO THE hard ground.
AND LUCILE went straight home.
AND TOLD her mother.
ON THE circus management.
"I THANK you."



Photo of Mr. "Barnum," manager of the Kid Circus, telling Lucile to walk out, but she argued. Then she passed through the "canvases" (an old bed sheet), lit on a pile of rock (from Sandy's crushed rock plant at Prattrock, near Folsom). Sandy also produces sand, rock and gravel at Sacramento, Marysville, Pratto (Monterey County) and Mayhew (Sacramento County).

SAN FRANCISCO—San Francisco Produce & Provision Terminals, Inc., Financial Center Bldg., has complied with request of City Attorney John J. O'Toole and the Board of Public Works has granted permit for the erection of the \$100,000 terminal in the Marina district. Ellison & Russell, engineers, Pacific Bldg. The structures comprised the buildings, all of reinforced concrete construction in the area bounded by the waterfront line and Laguna St., Marina Blvd., Beach St., and Webster St. Main terminal building will be 412 by 200 ft.; reinforced concrete wharf, 1120x412 ft.; 2-story reinforced concrete warehouse, 2x100 ft.; four-story concrete garage building, 114x95 feet.

FAIRFIELD, Solano Co., Cal.—Burns and Kay, San Jose, at approx. \$10,000 awarded contract by Sacramento Northern Railway Co., to erect fruit packing shed on Danielson fruit ranch, 2 miles west of Fairfield.

SALIDA, Stanislaus Co., Cal.—Storage unit of Nestle Food Co. destroyed by fire with \$10,000 loss on May 3.

HOLLISTER, San Benito Co., Cal.—G. Runyan, of Gilroy, formerly with Associated Oil Co., has entered a partnership with Cecil L. Smith, and will erect service and distributing station near Hollister.

REDDING, Shasta Co., Cal.—Until May 2, P. M., bids will be received by H. S. Smyly, district engineer, State Highway Commission, Redding, to erect foreman's stage, bunkhouse, truck shed, blacksmith shop, woodshed, oil house and septic tank at Ft. Goff Creek Maintenance yard in Siskiyou county. See call for bids under official proposal section in this issue.

Job-Bids Being Taken.
WAREHOUSE Cost, \$—
OS GATOS, Santa Clara Co., Cal. Re-stone brick and tile warehouse.
Owner—Hunt Bros., 111 Sutter St., San Francisco.

Plans by Owner.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

PACIFIC COAST—Bethlehem Steel Corp., 215 Market St., San Francisco, will establish in Los Angeles, San Francisco and either Portland or Seattle three large steel depots to be stocked from Eastern plants from its own shipyard.

VALLEJO, Solano Co., Cal.—Segoria Bros., mattress manufacturers, formerly located at 520 Capitol street, whose quarters were recently destroyed by fire, will rebuild the plant on a site in Marin street. Application for a building permit will be filed shortly.

Contract Awarded. Cost, \$25,000
PACKING HOUSE
ACAVILLE, Solano Co., Cal.
One-story frame packing house.
Owner—Southern Pacific Co., 5 Market St., San Francisco.
Architect—Engineering Dept. of Owner.
Contractor—E. W. Book, 2911 H St., Sacramento.

LOS ANGELES, Cal.—Union Iron Works, 5125 Santa Fe Ave., has been awarded the contract to erect a group of new factory buildings at Sorenson Lane and Workman Mill Road, near Whittier, for H. C. Smith Co., oil well supply manufacturers, 111 S. Milton Ave., Whittier. There will be an office and administration building, 42x80 ft., machinery

building, 70x220 ft., warehouse, 60x120 ft., and a welding shop, 60x100 ft. The buildings will be steel frame construction with corrugated iron exteriors; cost \$85,000.

SAN DIEGO, Cal.—Paramount Development Corp. plans erection of wholesale market terminal at 5th and Harbor Sts., providing city grants lease of tidelands to company. Several large 2-story buildings will be erected to cost \$500,000.

ASTORIA, Ore.—Pederson and Scott, Portland, awarded excavation contract in connection with \$2,000,000 pulp mill for Northwestern Pulp and Paper Co. The contract will involve approx. 100,000 cu. yds. of material including cut and fill.

GARAGES

Sub-Contracts Awarded
GARAGE Cost, \$20
OAKLAND, Alameda Co., Cal., Twenty-sixth Ave. and E 12th St.
One-story steel frame and concrete garage bldg.
Owner and Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—Wilbur C. Cone, Federal Realty Bldg., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell, Oakland.
Brick Work—P. C. Knudsen, 518 Santa Ray St., Oakland.
Lumber—Sunset Lumber Co., Foot of Oak St., Oakland.
Steel Sash—Detroit Steel Products Co., 417 Market St., San Francisco.
Other awards are to be made shortly.

Preliminary Plans Being Prepared.
AUTO SALES BLDG. Cost, \$150,000
SAN JOSE, Santa Clara Co., Cal. First and Reed Streets.
Two-story reinforced concrete auto sales building and garage.
Owner—S. J. Buick Co.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

Plans Being Figured.
GARAGE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. San Pablo Avenue.
One-story hollow tile garage building.
Owner—Bekins Van & Storage Co., 13th and Otis Sts., San Francisco.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.

GOVERNMENT WORK AND SUPPLIES

NYSSA, Ore.—See "Reservoirs and Dams," this issue. Bids wanted by U. S. Reclamation Service to construct Owyhee dam.
SAN FRANCISCO—Until May 25, 2 P. M., bids will be received by Sup't. of Lighthouses, 424 Custom House, to fur. and del. steam and household coal. Further information obtainable from above.

DENVER, Colo.—Following bids received by U. S. Bureau of Reclamation for plate steel for Horseshoe Canyon and Morrison Canyon siphons, main canal, spec. 471: Pittsburgh-Des Moines Steel Co., \$51,500 and \$61,000; Western Pipe & Steel Co., \$67,686 and \$73,647; Wm. B. Pollock Co., \$69,450 and \$81,555; Williamette Iron & Steel Works, item 1, \$75,400 and \$80,500; Commercial Boiler Works, \$76,198 and \$79,624; Morrison & Knudsen Co., \$78,000 and \$81,600; Puget Sound Ma-

chinery Depot, \$79,950 and \$83,450; Chicago Bridge & Iron Works, \$92,400 and \$100,000; Industrial Contracting Co., \$91,614 and \$103,199.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtainable from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 9006, western yards, packings of all kinds; May 22.
Sch. 9008, Mare Island 1,900 lbs. valve-grinding compound; May 22.
Sch. 9012, Mare Island, 2 pipe cutting and threading machines; May 22.
Sch. 9014, western yards, boiler gaskets; May 22.
Sch. 9020, western yards, leather, belting, lacing, etc.; May 22.
Sch. 9021, western yards, brushes, paint, varnish, etc.; May 22.
Sch. 9029, Mare Island, ice cream freezers; May 22.
Sch. 9062, Mare Island, steel tubing; May 22.

FARGO, N. D.—Until June 5, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., to erect infirmary Building No. 1, including roads, walks, and drainage at Fargo, N. D. See call for bids under official proposal section in this issue.

HONOLULU, T. H.—Following bids received by Quartermaster, Fort Shafter, Honolulu, for construction of one mess and kitchen building, addition to surgical building, connecting corridors and utilities at Schofield Barracks, T. H.:
Bid 1 Walker & Olund, Ltd.
2. R. R. Ames.
3. National Construction Co., Ltd.
Item 1, Bid 1, \$109,950; 2, \$106,462; 3, \$84,000, accepted.
Excavation, gravel or clay—Bid 1, \$2 cu. yd.; 2, \$3 add and \$1 deduct; 3, \$2.50.
Concrete, type A—Bid 1, \$30; 2, \$28 add, \$16 deduct; 3, \$35.
Concrete, type Z—Bid 1, \$35; 2, \$32 add, \$1 deduct; 3, \$33.
Reinforcing steel—Bid 1, \$120; 2, \$120 add, \$60 deduct; 3, \$100.
Time—Bid 1, 120 days; 2, 120 days; 3, 120 days.

TUCSON, Ariz.—Following is complete list of bids received by Veterans' Bureau, Washington, D. C., to erect a fence and gates at U. S. Veterans' Hospital at Tucson:
Page Steel and Wire Co., Bridgeport, Conn., \$12,399; start in 30 days, complete in 120 days.
Century Fence Co., Waukesha, Wis., \$1,484; start in 10 days, complete in 120 days.
Cyclone Fence Co., Waukegan, Ill., \$12,500; start in 20 days, complete in 60 days.
J. Knox Corbett, Tucson, Ariz., \$16,105; start in 2 days, complete in 90 days.
Sterns-Roger Mfg. Co., Denver, Colo., \$13,890; start in 30 days, complete in 9 days.
Chain Link Fence Co., Chicago, \$12,550; start in 35 days, complete in 95 days.
Allison Steel Mfg. Co., Phoenix, Ariz., \$16,250.98; start in 60 days, complete in 90 days.

RIVERSIDE, Riverside Co., Cal.—Until June 8, 10 A. M., bids will be received by Constructing Quartermaster, March Field, Riverside, to erect ten hangars and on June 8, 1 P. M., to erect two double barracks, four sets Field Officers' Quarters, thirty-two sets of Company Officers' Quarters and thirty-six garages. Plans on file in the office of the Constructing Quartermaster at Fort Mason, San Francisco, and obtainable from Constructing Quartermaster, March Field, Riverside. See call for bids under official proposal section in this issue.

ADRIAN, Ore.—See "Power Plants" this issue. Bids wanted for 19.1-mil. of 66,000-volt transmission line.

FALLON, Nevada.—In addition to those previously reported, following are additional prospective bidders, to erect post-office at Fallon, Nevada, bids for which will be opened by Supervising Architect, Treasury Department, May 17: Schuler and McDonald, Inc., 1723 Webster St., Oakland, Calif.; A. E. Roush, 701 South Center St., Reno, Nevada.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

PANAMA, I. W. Coast.—Until May 15, bids will be received for the construction of a two-story store and garage at the intersection of Yards & Decks, S. E. corner of Washington, D. C., for the U. S. Navy. The site is 100 ft. wide and 100 ft. deep. Estimated cost, \$100,000. Plans on file in Bureau.

WASHINGTON, D. C.—Senate has passed a bill for \$50,000 to pay for the construction of a bridge over the Potomac river and for the construction of bridges. Hopa Indian Reservation will pay half the cost of the bridge and the State of California or the Federal Government will pay the cost of the road and maintain it.

HALLS AND SOCIETY BUILDINGS

Contracts Awarded
CLUB BLDG. Cost, \$83,000
SAN FRANCISCO, W. Baker Street, S. E. corner of Fulton Street.
 Four-story steel frame and concrete class C home and club building.
 Owner—Native Daughters of the Golden West.
 Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
 Contractor—Barrett & Hibb, 918 Harrison St., San Francisco.
Ornamental Iron—S. F. Wire & Iron Works, 52 Colton St.
Plastering—Dietlin & Cordes, 666 Mission.
Electrical Work—Chas. Laughlin Co., 472 Tehama St.
Mul Work—Sudden Lumber Co., 1950 3rd Street.

As previously reported: Roofing awarded to Alta Roofing, 225 Gough St.; lumber, to Pope & Talbot, Russ Bldg.; plumbing and heating to J. H. Pinkerton, 927 Howard St.; structural steel to McClintic Marshall Co., 74 New Montgomery St.; reinforce, steel to Soule Co., Rialto Bldg. Sub-bids are being taken on other portions of the work.

OAKLAND, Cal.—Until May 28, 10 A. M., bids will be received by George E. Gross, county clerk, to fur and install certain seats in lodge rooms of Veterans' Memorial Building at Adams Park. Henry H. Meyers, architect, Kohl Bldg., San Francisco. Specifications obtainable from clerk on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Architects Hunt Burres, 701 Laughlin Bldg., commissioned to prepare plans for three-story and basement Class C lodge building, 50x155 ft., to be erected at 1529 S. Hope St. for Independent Order of Foresters. Brick construction.

NAPA, Napa Co., Cal.—City Council favors 25-cent special tax levy to finance erection of \$100,000 veterans' memorial building in Napa.

LANCASTER, Los Angeles Co., Cal.—Harry C. Hartley, 221 Rives-Strong Bldg., Los Angeles, preparing plans and Concrete Steel Construction Company, 221 Rives-Strong Bldg., Los Angeles has contract for 2-story reinforced concrete lodge building for Independent Order of the Odd Fellows; concrete exterior, concrete slab roof and floors, 50x150 ft.

SACRAMENTO, Sacramento Co., Cal.—The Y. M. C. A. of Sacramento is contemplating the erection of a new building. A meeting is being held on May 15th, to discuss the matter and more definite information will be available after that time.

RENO, Nevada.—Reno Lodge of Masons, No. 14 is considering the erection of a two-story Class A brick clubhouse on the University of Nevada Campus for Masonic students. Estimated cost \$24,000.

BUCKS, Phumas Co., Cal.—See "H. O. S." this issue. Bids wanted for club and hotel building.

STOCKTON, San Joaquin Co., Cal.—Stockton Business and Professional Women's Club of Stockton has started movement to raise funds to finance erection of community clubhouse. A committee will be appointed shortly to work out plans for the construction and securing of the property.

RENO, Nevada.—Fraternal Order of Eagles, Reno Aerie No. 207, has appointed a committee to select site and secure plans for two-story store and lodge building. Committee consists of August Jones, chairman, T. J. Combs and J. L. Campbell.

LOS ANGELES, Cal.—S. M. Benet Co., Administration Bldg., Bel-Air, awarded contract for main club building and garage for Bel-Air Beach Club on club site extending from Beverly Blvd. to ocean. Architects Elmer Grey and Mark Daniels, Administration Bldg., Bel-Air, prepared the plans. Spanish style, reinforced concrete and frame and stucco construction. \$350,000.

Sub-Bids Being Taken
CLUB BLDG. Cost, \$45,000
SAN FRANCISCO, SE Twenty-first and Alabama Sts.
 Two-story frame and stucco boys' club building (gymnasium, auditorium and classrooms).
 Owner—San Francisco Boys' Club.
 Architect—Harry A. Thomsen, Sharon Bldg., San Francisco.
 Contractor—Spivock & Spivock, Hobart Bldg., San Francisco.
 Ground will be broken May 5th.

EL CERRITO, Contra Costa Co., Cal.—El Cerrito Plumbing Co., El Cerrito, at \$121 awarded contract by city trustees to install plumbing in Boy Scouts' building at Kearny and Manila Sts.

MADERA, Madera Co., Cal.—Tilton and Statelli, Madera, at \$22,612 submitted low bid to county supervisors to remodel structure for use as American Legion Memorial Hall. Swartz and Ryland, architects, Rowell-Chandler Bldg., Fresno other bids, all taken under advisement, were: Boles and Saterstadt, \$23,250; C. R. Little, \$24,152; R. Peterson, \$24,990.

HOSPITALS

BAKERSFIELD, Kern Co., Cal.—Architect Chas. H. Biggar, Bank of Italy Bldg., completing plans for children's preventorium to be erected at Stony Brook Retreat near Keene; stucco exterior and clay tile roof; cost \$50,000. Bids will be advertised for shortly by county supervisors.

Bids In—Contracts To Be Awarded Shortly.
HOSPITAL BLDG. Cost, \$60,000
STOCKTON, San Joaquin Co., Cal.
 Two-story and basement brick and concrete hospital building (accommodations for 40).
 Owner—Fair Oaks Hospital.
 Architect—Allen & Young, 41 S-Sutter St., Stockton.

Will be of Spanish type, terra cotta trim. Modern hospital plumbing and electric heat.

YOUNTVILLE, Napa Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento May 8, 2 P. M. to erect two-story reinforced concrete barracks with cement finish floors and tile roof; est. cost, \$170,000. W. C. Hays, architect, First National Bank Bldg., San Francisco:

General Work
 H. H. Henning, 1751 Berkeley Ave., Stockton, \$135,460 160 days
 Mahony Bros., S. F., 137,100 180 "
 J. E. Branagh, Oakland 139,400 190 "
 William Martin, S. F., 139,800 216 "
 J. A. Bryant, S. F., 140,866 230 "
 David Paganini, S. F., 145,500 125 "
 Monson Bros., S. F., 146,840 180 "
 K. E. Parker, S. F., 146,750 160 "
 Vickroy & Dodd, Stockton 148,567 225 "

J. W. Cobby & Son, San Francisco 148,400 220 "
 Vogt & Davidson, S. F. 148,837 250 "
 Anderson & Ringrose, San Francisco 149,964 225 "
 Carl N. Swensen, San Jose 151,234 220 "
 MacDonald & Kahn, San Francisco 151,476 185 "
 Louis Cereghino & Son, San Francisco 156,915 200 "
 F. L. Hansen, S. F. 168,500 200 "
 Engineer's estimate, 142,828

Plumbing & Heating
 Mechanical Contracting Co., 83 Shipley St., near 4th, S. F., \$21,730
 J. A. Freitas, Oakland 21,925
 Latourrette-Fical, Oakland 22,121
 Luppen & Hawley, Sacramento 22,355
 L. H. Dallann, Sacramento 23,110
 Scott Plumbing & Electric Co., Sacramento 23,725
 Nottingham Plumbing & Heating Co., Oakland 25,430
 W. H. Picard, Oakland 26,065
 Marcy & Petersen, Sonoma 26,250
 Scott Plumbing Co., Sacramento 28,865

Electrical Work
 Porter Elec. Co., 1500 Church St., San Francisco \$4450
 E. Gnekow, Stockton 3590
 Newberry-Pearce Elec. Co., S. F. 4650
 Latourrette-Fical, Oakland 4976
 Radelfinger Bros., S. F. 4989
 Globe Electric Co., S. F. 5025
 Matson-Seabrooke Co., Oakland 5066
 Luppen & Hawley, Sacramento 5187
 H. F. Haverkamp, S. F. 5250
 Scott Plumbing & Elec. Co., Sacto. 5529
 R. Gould, Sacramento 5560
 Henry Loudeaux, Sonoma 5995

SANTA BARBARA, Cal.—O. C. Marriott Co., Santa Barbara, at \$7,850 awarded contract by county to erect addition to Santa Barbara hospital. Doane Building Co., Santa Maria, only other bidder at \$8,200.

Planned
HOSPITAL BLDG. Cost, \$150,000
ELDRIDGE, Sonoma Co., Cal.; Sonoma State Home.
 New hospital building.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Saturday, May 12, 1928

Plans Being Prepared.
PREVENTORIUM Cost, \$50,000
SAN JOSE, Santa Clara Co., Cal.
 One-story frame and stucco preventorium
 architect—Ender & Curtis, 35 W-San
 Carlos St., San Jose.
 Plans will be ready for bids in two
 weeks.

Preliminary Plans Being Prepared.
HOSPITAL BLDG. Cost, \$100,000
ELROY, Santa Clara Co., Cal. Area
 bounded by Fifth, Sixth, Carmel and
 Princeville Streets.
 One-story reinforced concrete community
 hospital building.
 Owner—Wheeler Community Hospital
 Association.

Architect—W. H. Weeks, Hunter-Dulin
 Bldg., San Francisco; 1736 Franklin
 St., Oakland, and Bank of Italy Bldg.,
 San Jose.
 Among those interested in promoting
 the project are: George A. Wentz, Dr.
 J. Chesbro and L. W. Wheeler.

Plans Being Prepared—Contract Awarded
HOSPITAL Cost, \$100,000
APA, Napa Co., Cal.
 Two-story reinforced concrete hospital
 building.
 Owner—Victory Hospital Assn.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.
 Contractor—Ralph McLERAN Co., Hearst
 Bldg., San Francisco.
 Stock is now being sold in connection
 with same.

SANTA ROSA, Sonoma Co., Cal.—
 Proposition to raise \$75,000 by taxation
 for erection of county tubercular hos-
 pital, favorably acted upon by the Sono-
 ma county electors is declared legal, in
 an opinion handed down by Attorney
 General U. S. Webb

Reinforcing Steel Contract Awarded.
HOSPITAL Cost, \$250,000
RESNO, Fresno Co., Cal. Villa Addi-
 tion.

Three-story and basement reinforced con-
 crete hospital (plaster exterior).
 Owner—Sisters of Holy Cross, South
 Bend, Ind.
 Architect—Alfred I. Coffey, Phelan Bldg.,
 San Francisco.

Contractor—Barrett & Hilp, 918 Harrison
 St., San Francisco.
Reinforcing Steel—Badt Falk & Co., 74
New Montgomery St., San Francisco

SALINAS, Monterey Co., Cal.—Architects
 Reed and Corlett, Oakland Bank of
 Savings Bldg., Oakland, are completing
 plans for improvements at county hos-
 pital involving tuberculosis unit and re-
 modeling one wing of present structure
 or isolation ward. Detached cottages for
 patients will bring the total cost of the
 work to approximately \$150,000.

SALINAS, Monterey Co., Cal.—County
 Probation officer Ney Otis has submitted
 plans to county supervisors for proposed
 county detention home; estimated cost,
 \$41,000. Costs of equipment will be se-
 cured before the plans will receive con-
 sideration.

Sub-Bids Being Taken
HOME FOR AGED Cost, \$80,000
OAKLAND, Alameda Co., Cal.; Tomp-
 kins Ave. and Wilkie St.
 Two-story class C home for aged (70
 rooms, kitchen, dining hall, etc.)
 Owner—Eulalia Rest Home.
 Architect—Blaine & Olsen, 1755 Broad-
 way, Oakland.
 Contractor—T. A. Cuthbertson, 430 Nr-
 iega St., San Francisco.

HOTELS

Contractor Taking Sub-Bids
REMODELING HOTEL Cost, \$20,000
MARYSVILLE, Yuba Co., Cal.; second
 and C Sts.
 Remodeling interior of present hotel bldg.
 (25 rooms, 3-room apt. and 5 stores).
 Owner—M. Gomez and W. Bedeau.
 Architect—Ralph Morrell, Union Bldg.,
 Stockton.
 Contractor—Tucker & Riley, Wolfe Hotel
 Bldg., Stockton.

PITTSBURG, Contra Costa Co., Cal.—
 John J. Davi of Pittsburg is said to be
 interested with others in the erection of
 a four-story hotel on the Sino property
 at the corner of Railroad Ave. and Sec-

ond St. The structure will cost \$100,-
 000 or more. Further mention will be
 made of this work when negotiations are
 further advanced.

BUCKS, Plumas Co., Cal.—Until May
 20, bids will be received by Buck's Lucky
 Mountain Club, Bucks, to erect hotel and
 club building at Bucks. F. J. DeLong-
 champs, architect, Gazette Bldg., Reno,
 Nevada, and 525 Market St., San Fran-
 cisco. Further information obtainable
 from secty. of club at Bucks.

LOS BANOS, Merced Co., Cal.—Architects
 Kump & Johnson, Rowell-Chandler
 Bldg., Fresno, taking bids for 18-room addi-
 tion to Oberon Hotel. Estimated cost
 \$35,000. Bids will be opened May 19.
 Plans obtainable from architects

Sub-Bids Being Taken.
HOTEL Cost, \$125,000
HEALDSBURGH, Sonoma Co., Cal.
 Three miles east of Healdsburg.

Two and three-story frame and stucco
 hotel (75 guest rooms with private
 baths).
 Owner and Builder—Fitch Mountain Tav-
 ern Company.

Plans by A. M. Ewing, Fitch Mountain
 Road, Healdsburg.
 Contract will probably be awarded
 within 30 days.

Plans Being Prepared
HOTEL BLDG. Cost, \$200,000
RIO DEL MAR, Santa Cruz Co., Cal.
 near Aptos.

Two and part three-story class C brick
 hotel bldg. (52 rooms, kitchen, coffee
 shop, etc.)

Owner—Monroe, Lyon & Miller.
 Architect—Ben. McDougall, 353 Sacra-
 mento St., San Francisco

Contract Awarded.
HOTEL Cost, Approx. \$80,000
VALLEJO, Solano Co., Cal. Sonoma and
 Capitol Streets.

Two-story Class A hotel building (60
 rooms, lobby, 50x70 feet; dining room
 etc.; Spanish type).

Owner—L. Casa de Vallejo (Harry
 Hendery and Isadore Meyers).
 Architect—Slocumbe & Tuttle, 337 17th
 St., Oakland.

Contractor—Jacobs & Irvine, Call Bldg.,
 San Francisco.

RED BLUFF, Tehama Co., Cal.—Con-
 struction will be started at once on a 2-
 story brick annex to the Hotel Mac
 at NE. corner of Walnut and Jackson
 streets; will contain stores on ground
 floor with rooms on second floor; 40 by 60
 feet.

TONTO BASIN, Ariz.—E. C. Morgan
 preparing plans for hotel to be erected on
 the 300,000-acre Pollard ranch in Tonto
 Basin for H. L. Pollard and John Ander-
 son of Chandler; cost, \$1,000,000.

SEATTLE, Wash.—Architect V. W.
 Voorhees, Lloyd Bldg., Seattle, preparing
 plans for 14-story class A hotel to be
 erected at NE. corner of 3rd Ave. and
 Union St. for J. A. Vance of the Vance
 Lumber Co., Seattle, and to be known as
 the Earl Hotel. Will have three floors
 below the street exclusive of the 14 stor-
 es above the sidewalk line: 115 by 111 ft.
 Bids will be asked about Sept. 15.

CORONADO, Los Angeles Co., Cal.—
 Architect Richard M. Bates, Jr., 660 S.
 Vermont Ave., Los Angeles, completing

plans for 8-story Class A hotel building
 to be erected for Island City Hotel Co.;
 reinforced concrete construction; \$1,000,-
 000.

Bids Opened—Under Advisement.
HOTEL Cost, \$125,000
OAKLAND, Alameda Co., Cal. Seven-
 teenth and Jefferson Streets.
 Six-story Class C brick hotel building
 (100 rooms).

Owner—Antone Vayssie.
 Architect—Fabre & Hildebrand, 110 Sut-
 ter St., San Francisco.
 Contract will be awarded in one week.

PHOENIX, Ariz.—Architect Louis L.
 Dorr, 1038 Subway Terminal Bldg., Los
 Angeles, preparing plans for Roosevelt
 Hotel recently taken over by George L.
 Johnson and associates of Phoenix. J.
 V. McNeil Co., 5860 Avalon Bldg., Los
 Angeles, has the contract for the work
 and will start construction within a few
 days. The building, which is to be a
 16-story structure, has been built to the
 ninth story level. It will be entirely
 rearranged and redesigned. New plans
 provide for 300 guest rooms, 9 sample
 rooms, lobby, banquet hall and private
 dining rooms; reinforced concrete con-
 struction. A garage and laundry will be
 erected in connection. Cost of comple-
 tion approx. \$1,000,000.

Sub-Bids Being Taken
ADDITION Cost, \$30,000
SAN FRANCISCO. SW Stockton and
 Jackson Streets.

One-story frame addition to present room-
 ing house.

Owner—Mr. Wing, 712 Hearst Bldg., San
 Francisco.

Architect—Franklin Dakin, 712 Hearst
 Bldg., San Francisco.

Contractor—Ira W. Coburn, 711 Hearst
 Bldg., San Francisco.

CALEXICO, Imperial Co., Cal.—Cal-ex-
 ico Hotel Co., Frank E. White, president,
 announces that it is ready to proceed
 with the construction of a new hotel
 building at the corner of Rockwood and
 3rd Sts., Calexico, as soon as Calexico
 citizens agree to underwrite \$25,000 worth
 of stock in the project. A. S. O'Neill, 811
 H. W. Hellman Bldg., Los Angeles, will
 be the contractor. Chas. S. Cobb, archi-
 tect, 29 San Miguel Rd., Pasadena. The
 building will be a 4-story structure and
 will contain 125 guest rooms and 9 stores.
 Steel frame construction. Cost \$300,000

ICE AND COLD STORAGE PLANTS

Preliminary Plans Being Prepared.
COLD STORAGE PLANT Cost, \$500,000
CALIFORNIA. Location Withheld.
 Steel frame and reinforced concrete cold
 storage plant.

Owner—Withheld.
 Engineers—Uttley & Kleindenst, 354 Ho-
 bart St., Oakland.

Preliminary Plans Being Prepared.
COLD STORAGE PLANT Cost, \$250,000
CALIFORNIA. Location Withheld.
 Steel frame and reinforced concrete cold
 storage plant.

Owner—Withheld.
 Hobart St., Oakland.
 Engineers—Uttley & Kleindenst, 354

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
 time and money.

It pays to use the best Scaffolding Equipment
 whenever a Scaffold is required. The risk is
 always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
 Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

POWER PLANTS

NEWPORT, OREGON.—Oregon Co., Cal. M. J. O'Brien, architect to U. S. Engineer, Office of the Engineer and Telephone Co., has been authorized to lay submarine cable from Newport Bay from a point about 200 ft. west of 14th St. to the west end of a trestle bridge across north end of bay.

ASTORIA, ORE.—Until May 25, bids will be received by U. S. Reclamation Service, Astoria, Ore., to construct approx. 10 mi. of 60,000-volt single-circuit wood pole transmission line and 13 miles of 10,000-volt telephone line in the vicinity of Nyssa, Ore. Spec. obtainable from above office.

ETHELENE, ORE.—Bids will be asked shortly by city to const. Leaburg unit of hydro-electric power project, from plans of Stevens & Koon, consulting engineers, Spalding Bldg., Portland, Ore. Bids will probably be opened June 5. Bids will be asked in three sections, one including headworks and cone, work at upper end of canal, another the canal from the end of the cone, to the forbay and including the tail race, and the third the forbay, penstocks, power house and erection of machinery.

PUBLIC BUILDINGS

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be received by County to install new ventilating system for the Hall of Justice. Plans obtainable from county clerk, Miss Mame B. Beatty, 3rd Hall of Records.

DIXON, Solano Co., Cal.—City will have plans prepared for a two-story fire engine house in Main street to contain offices on the ground floor for chief of police, tax collector and fire department. Second floor will house banquet room, dormitory and fire chief's office; estimated cost \$8000. Special tax will be levied to raise funds to finance construction.

SACRAMENTO, Cal.—Thos. Day Co., 725 Mission St., San Francisco, awarded contract at \$26,100 to fur. and install electric fixtures for the court building and library building at Sacramento for State of California. Other bids were: Roberts Mfg. Co., \$27,725; Meyberg Corp., \$38,059; Architectural Iron Works, \$13,040, and Forve Co., \$78,000.

SAN DIEGO, Cal.—County supervisors plan erection of a new county court house from direct tax funds. It is planned to build a section each year.

DELANO, Kern Co., Cal.—City Clerk will ask bids shortly to erect first unit of new city hall.

SAN FRANCISCO.—Mayor Jas. Rolph will recommend to supervisors the erection of a courthouse in Marshall Square, bounded by Fulton, Hyde, Grove and Larkin streets to house quarters of the Superior Court and Justice Courts now occupying quarters on the 3rd and 4th floors of the city hall. The structure will also provide facilities for the Utilities Commission expected to be voted by the people in a charter amendment next August.

MARTINEZ, Contra Costa Co., Cal.—Wallace Snedgrove, 160 18th St., Richmond, awarded contract by Senator Will R. Sharkey of Martinez to erect second story addition to Sharkey Building in Court street opposite the courthouse, the quarters to be leased to the county for offices for county supt. of schools, health officer, etc.

Plans Being Figured—Bids Close June 4.
LIBRARY ADD. Cost, \$23,000.
LODI, San Joaquin Co., Cal.
One-story brick addition to library, 508 1/2 1st St.

Owner—City of Lodi, (J. F. Blakely, city clerk).

Architect—Davis-Pearce, Inc., Grant and Walter St., Stockton, Cal.

Bids will be received by city clerk, 1000 Commercial, from architects and on form of office of clerk.

LODI, San Joaquin Co., Cal.—Bids are being received by city clerk to fur. and install 52 new opera chairs to be installed in Chamber of Commerce Hall building.

SAN DIEGO, Cal.—San Diego public library trustees petition city to allow \$75,000 for construction of first unit of a new library.

RESIDENCES

Plans Being Prepared
RESIDENCE Cost, \$17,000 each
SAN FRANCISCO, Kenwood Way.

Fifteen 1 1/2-story frame and stucco residences (9 rooms).

Owner and Builders—Bell & Sylvester, 2049 Ocean Ave.

Architect—D. A. Jackle, 349 Justin Drive, San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$30,000

LOS GATOS, Santa Clara Co., Cal.

Two-story frame and stucco residences; servants' quarters, garage, etc. (15 rooms).

Owner—Withheld.

Architect—A. A. Cantin, 544 Market St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$15,000

WOODSIDE HEIGHTS, San Mateo Co.

Two-story eight-room frame residence (colonial type).

Owner—Represented by Alexander Hamilton Co., Burlingame.

Architect—Chas. Strothoff, 2274 15th St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, \$50,000

HILLSBOROUGH, San Mateo Co., Cal.

Two-story twenty-room frame and stucco residence.

Owner—Fuller Brawner, 301 Mission St., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Bids will be taken in one week.

Contract Awarded.
COTTAGE Cost, \$6000

LAKE TAHOE, Cal.

One-story 6-room frame summer cottage

Owner—H. M. Wright, 68 Post St., San Francisco.

Architect—Edward L. Frick, 251 Kearny St., San Francisco.

Contractor—A. H. Cuthbert, 32 Keystone Way, San Francisco.

LOS ANGELES, Cal.—Chisholm, Fortine & Meikle, 509 S. Western Ave., are preparing plans for a large Italian type residence to be built in Hancock Park for Ben Platt; frame and stucco construction; cost \$90,000.

Plans Being Prepared
RESIDENCE Cost, \$12,000

BERKELEY, Alameda Co., Cal., Spruce and Arch Sts.

Two-story frame and stucco residence (7 rooms and 2 baths).

Owner—Mr. Bruns.

Architect—L. Reede Hardman, First National Bank Bldg., Berkeley.

Bids will be taken in about 30 days.

Plans Being Figured.
RESIDENCE Cost, \$25,000

WOODSIDE, San Mateo Co., Cal.

Two-story nine-room frame and stucco residence.

Owner—Mr. Smith.

Architect—Willis Polk Co., 277 Pine St., San Francisco.

Plans Being Figured—Bids Opened May 14th.

RESIDENCE Cost, \$25,000

BERKELEY, Alameda Co., Cal., Claremont Court.

Two-story and frame stucco residence (10 rooms).

Owner—Mrs. W. R. L. Campbell, 281 Claremont Court, Berkeley.

Architect—Benj. McDougall, 353 Sacramento St., San Francisco.

Planned
GROUP OF RESIDENCES Cost, \$—

SAN CARLOS, San Mateo Co., Cal.

White Oaks.

Group of 50 residences.

Owner and Builder—Name Withheld.

Architect—Name Withheld.

Exclusive Agent—Sol Koff, 25 Taylor St., San Francisco.

Planned
RESIDENCES Cost, \$22,500 each

HILLSBOROUGH, San Mateo Co., Cal.

Hillsborough Oaks.

Four 2-story frame and stucco residences (Normandie type of architecture).

Owner and Builder—W. O. Nicolalde, 215 Peninsular Ave., San Mateo.

Architect—None.

Plans Being Prepared.
RESIDENCE Cost, \$22,000

BERKELEY, Alameda Co., Cal. Avalon St. and Claremont Ave.

Two-story frame and stucco residence (Spanish type; 9 rooms and 4 baths.)

Owner—C. H. McIntyre.

Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

DIXON, Solano Co., Cal.—Construction will be started at once by C. E. Mace on the erection of a large residence, 80 by 40 ft., on the State Highway opposite his present location.

Completing Plans.
RESIDENCE Cost, \$25,000

PIEDMONT, Alameda Co., Cal.

Two-story frame and stucco residence (10 rooms and 5 baths).

Owner—Willard Miller.

Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.

Bids will be taken in one week.

Plans Being Figured—Bids Close May 16
RESIDENCE Cost, \$20,000

LOS GATOS, Santa Clara Co., Cal.

Two-story and basement 10-room frame and stucco residence.

Owner—T. Rogers.

Architect—Farr & Ward, 68 Post St., San Francisco.

Working Drawings Being Prepared.
RESIDENCE Cost, \$15,000

HILLSBOROUGH, San Mateo Co., Cal.

Two-story eight-room frame and stucco residence.

Owner—Stanley Kelley.

Architect—Norberg & Norberg, 580 Market St., San Francisco.

Plans will be ready for bids in one week.

Contract Awarded.
RESIDENCE Cost, \$8000

ALAMEDA, Alameda Co., Cal. Fernside District.

One and one-half-story frame and stucco residence (6 rooms and garage).

Owner—H. C. Snead Jr., 1348 Park Ave., Alameda.

Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco.

Contractor—R. M. Powell, 1032 Regent St., Alameda.

Contract Awarded.
RESIDENCE Cost, \$17,000

SAN RAFAEL, Marin Co., Cal. Culloden Park.

Two-story frame and stucco residence (9 rooms and 2 baths; terra cotta tile roof).

Owner—A. L. Stewart.

Architect—S. Helman, 57 Post St., San Francisco.

Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. *Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.*

Plans Being Figured

RESIDENCE Cost, \$15,000
STOCKTON, San Joaquin Co., Cal.
 Two-story and basement 10-room frame and stucco residence.
 Owner—James Lerza.
 Architect—Peter Sala, 2130 N-Commerce St., Stockton.

Plans Being Prepared.

RESIDENCE Cost, \$20,000
EBBLE BEACH, Monterey Co., Cal.
 Two-story frame and stucco residence
 Owner—Withheld.
 Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

Date Of Opening Bids Postponed

RESIDENCE Cost, \$18,000
SAN FRANCISCO, N Clay St., between Maple and Spruce Sts.
 Two-story and basement eight-room frame and stucco residence.
 Owner—H. G. Friend.
 Architect—C. A. Meusdorffer, 802 Humboldt Bank Bldg., San Francisco.
 Previously reported to be opened May 12d.

Working Drawings Being Prepared.

RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
 Two-story frame, brick veneer and siding residence.
 Owner—Leland Prior, Middlefield Road Menlo Park.
 Architect—Birge M. Clark, 210 University Ave., Palo Alto.

Plans Being Completed.

RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Uplands District.
 Two-story frame and stucco residence (10 rooms, 2 baths, 2-car garage).
 Owner—R. H. Rennie, 5667 Ocean View Drive, Oakland.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Bids will be taken in one week.

Contract Awarded.

RESIDENCE Cont. Price, \$11,176
OAKLAND, Alameda Co., Cal. Indian Road.
 Two-story frame and stucco residence (6 rooms and 3 baths).
 Owner—Ray Wilson.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—Irwin Reimers, 12 Wildwood Ave., Oakland.

Contract Awarded

RESIDENCE Cost, \$20,000
SAN FRANCISCO, NE Pacific Ave. and Lyon Street.
 Two-story nine-room frame and stucco residence.
 Owner—George Boardman.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—H. Pappenhausen, 595 Victoria St., San Francisco.
 Building permit applied for.

Contract Awarded.

RESIDENCE Cost, \$8500
MT. DIABLO, Contra Costa Co., Cal.
 Two-story frame and stucco residence (9 rooms and 2 baths; Spanish type)
 Owner—Dr. Fearn, 384 Bellevue Ave., Oakland.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—Chas. Fee, 2705 Derby St., Berkeley.

Plans Complete

RESIDENCE Cost, \$8,000
LOS ALTOS, Santa Clara Co., Cal.
 One-story frame and stucco residence with tile roof (5 rooms).
 Owner—T. T. Morline.
 Architect—P. F. DeMartini, 948 Broadway, San Francisco.
 Bids will be called for shortly.

Contract Awarded

RESIDENCE Cost, \$13,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story frame and stucco residence.
 Owner—Jewell Brown.
 Architect—Binder & Curtis, 35 W San Carlos St., San Jose.
 Contractor—A. M. Jensen, 300 N Santa Cruz Ave., Los Gatos.

SUISUN, Solano Co., Cal.—N. C. Bennett, Fairfield, has contract at approx. \$10,000 and has started excavation on residence for John J. Lambie on the Rio Vista Highway, 10 miles southeast of

Suisun; will be 32 by 69 ft., containing 8 rooms, breakfast nook, two baths, sunporch and nursery room. Spanish bungalow type. Adams Lumber Co., Rio Vista has lumber contract.

Work Started

ALTERATIONS Cost, \$30,000
HILLSBOROUGH, San Mateo Co., Cal.
 Alterations and additions to present residence.
 Owner—Robert Miller, 1523 Vancouver Ave., San Mateo.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Contractor—Charles Stockholm & Sons, Russ Bldg., San Francisco.
 Sub-contracts are to be awarded shortly.

Sub-Bids Being Taken

RESIDENCE Cost, \$20,000
SAN RAFAEL, Marin Co., Cal. Grand Ave. opposite Tamalpais School.
 Two-story frame and stucco residence.
 Owner—Charles Cable, Mission and De Henry Sts., San Rafael.
 Architect—N. W. Sexton, DeYoung Bldg., San Francisco.
 Contractor—Leibert & Trobeck, 185 Stevenson St., San Francisco.

Contract Awarded

RESIDENCE Cost, \$15,000
WOODSIDE, San Mateo Co., Cal.
 One-story frame and stucco residence with tile roof (9 rooms and 3 baths).
 Owner—Dexter Tight.
 Architect—Henry H. Guttererson, 526 Powell St., San Francisco.
 Contractor—Mattock & Feasey, 210 Clara St., San Francisco.

To Be Done by Day's Work

RESIDENCES Cost, \$10,000 each
SAN FRANCISCO, S Marina St. W Scott
 Two 1-story and basement frame and stucco residences.
 Owner and Builder—Sbarboro & Jorgenson, 207 Walnut St.
 Architect—Powers & Ahnden, 605 Market St.
 Building permit applied for.

Work Started

RESIDENCE Cost, \$10,000
SAN LEANDRO, Alameda Co., Cal., Ardmore district.
 1½-story frame and stucco residence (6 rooms).
 Owner—Mrs. Hoffman.
 Architect—Ernest Flores and R. Wood, 1801 Franklin St., Oakland.
 Contractor—Jos. Franklin, 968 Alice St., San Leandro.

Contract Awarded

RESIDENCE Cost, \$40,000
SAN MIGUEL, Monterey Co., Cal.
 Two-story reinforced concrete residence with tile roof (12 rooms or more).
 Owner—R. W. Hellman.
 Architect—None.
 Contractor—E. R. Siegrist, 693 Mission St., San Francisco.
 Sub-bids will be taken in about two weeks.

Contract Awarded

RESIDENCE Cont. price \$14,887
OAKLAND, Alameda Co., Cal., St. James Wood.
 Two-story frame and stucco residence (9 rooms and 2 baths).
 Owner—J. W. O'Neill, Central Bank Bldg., Oakland.
 Architect—W. E. Schirmer, 700 21st St., Oakland.
 Contractor—Thomas Furlong, 460 Jerome Ave., Oakland.

Contract Awarded

RESIDENCE Cost, \$15,000
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence (8 rooms, 2 baths).
 Owner—C. E. Guittard.
 Architect—W. E. Schirmer, 700 21st St., Oakland.
 Contractor—George Windsor, 928 Kingston St., Oakland.

Sub-Bids Being Taken.

RESIDENCE Cost, \$—
KENNINGTON PARK, Contra Costa Co., Cal. Outside Berkeley City Limits.
 Two-story 6-room frame and stucco residence.
 Owner—J. Hildebrand.
 Architect—J. Hudson Thomas, Mercantile Bank Bldg., Berkeley.
 Contractor—Olof Hansson, 316 Oakland Ave., Oakland.

SCHOOLS

Completing Plans

JIT. COLLEGE BLDG. Cost, \$50,000
SALINAS, Monterey Co., Cal.
 One-story class B Junior College Bldg. (7 classrooms).
 Owner—Salinas Junior College
 Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.
 General bids will be taken in about 2 weeks.

Preliminary Plans Being Prepared

SCHOOL BLDG. Cost, \$140,000
OAKLAND, Alameda Co., Peralta and Hopkins Sts.
 Three-story brick elementary school bldg. (18 classrooms).
 Owner—City of Oakland Board of Education.
 Architect—Blaine & Olsen, 1755 Broadway, Oakland.

Low Bidders

ADDITIONS
SAN LORENZO, Alameda Co., Cal.; Ashland and Sunset School.
 Additions to two present school buildings.
 Owner—San Lorenzo School District.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland and Bank of Italy Bldg., San Jose.

General Work

Low Bidder—James Willison, E 14th and Bridge Sts., Hayward, \$18,824.

Heating

Low Bidder—George A. Schuster, 4712 Grove St., Oakland, \$2394.

IONE, Amador Co., Cal.—The following contracts were awarded by the State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect four buildings comprising hospital, school, segregation and custodial buildings at Preston School of Industry, near Ione. Dean & Dean, architects, California State Life Bldg., Sacramento. Will be brick construction, two-story in height. Will have reinforced concrete foundations and floors, frame interior partitions and roof construction—asbestos shingle roof:

General Work
 Walter J. Ochs, 405 Clark St., Fresno\$17,235
Electrical Work
 Hild Elec. Mfg. Co., 125 W. Main St., Stockton\$4349
Plumbing, Heating and Ventilating
 J. A. Freitas, 2811 E-10th St., Oakland\$28,500

Completing Plans

SCHOOL Cost, \$35,000
TIPTON, Tulare Co., Cal.
 Concrete, brick and tile grammar school building.
 Owner—Tipton Grammar School District.
 Architect—Kump & Johnson, Rowell Bldg., Fresno.
 Bids will be taken for a general contract about June 1st.

SAN LORENZO, Alameda Co., Cal.—The following bids were received by the San Lorenzo School District for the construction of additions to the two present school buildings, known as the Sunset School and the Ashland School. Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

General Work

James Willison, E 14th and Bridge Streets, Hayward.....\$18,824
 P. T. Walstrom, Oakland.....18,990
 C. S. McIntyre, Oakland.....19,440
 Sullivan and Sullivan, Oakland.....20,265

Heating

Ashland
 George Schuster, 4712 Grove St., Oakland.....\$2394
 Scott Co., Oakland.....2440
 Carl T. Doell, Oakland.....2639
 W. K. Nottingham, Oakland.....2644
 J. B. Schreiber, Oakland.....2737
 Sunset
 Murray & Co., Oakland.....\$2942
 Aladin Heating Co.,2737

Furniture

C. F. Weber Co., 601 Mission St., San Francisco.....\$861.75
 Fites Mfg. Co., San Francisco.....890.75
 The contracts are to be awarded to all low bidders.

OAKLAND, Alameda Co., Cal.—The following bids were received by John W. Edgemond, Secty., Board of Education, to erect and deliver library tables, oak chairs, wooden chairs and school desks: Peck & Hill Furn. Co., Oakland \$6,647; R. L. Mfg. Co., S. F. 9,040; Niles & Niles 10,095; Hayward-Wakefield Co., S. F. 10,095; McKee & Wentworth, 39 2nd St., San Francisco 11,000; Peck & Hill Co., S. F. 12,705; Tucker-Fuller Desk Co., S. F. 13,095; H. S. Chicker Co., S. F. 16,481; C. F. Weber Co., S. F. 18,300.

Dehman Supply Co., S. F. 1,475; Spurrer Desk Co. 2,817; Anderson Furn. Mfg. Co., S. F. 3,375; Angelon Carpet House, Oakland 3,570; Ours-Pyle & Cabinet Furn., Oakland 4,710.

Bids taken under advisement.

OAKLAND, Cal.—Until May 22, 10:30 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, 211 City Hall, to grade Elmhurst Junior High School site. Cert. check 10% req. with bid. See call for bids under official proposal section in this issue. 6

OAKLAND, Cal.—Until May 22, 10:45 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, to erect McLymonds High School gymnasium in north side of 26th St., bet. Filbert and Madison Sts. Will be one-story brick construction; est. cost, \$90,000. Plans by Buildings and Grounds Department, Board of Education. Robt. King, electrical eng., 2601 Kingsland St. Separate bids are wanted for (1) general work; (2) finish hardware; (3) Mastipave flooring. Deposit of \$25 req. for plans obtainable from Supt. of Bldgs., 337 17th St., Oakland. Cert. check 10% payable to Bd. of Educ. req. with bid. See call for bids under official proposal section in this issue.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect Arthur W. Angel, 6411 S. Pacific Blvd., Huntington Park, completing plans for two additions to schools under recent \$265,000 bond issue. The addition to Liberty School will contain eight rooms and addition to San Gabriel School fire classrooms. Brick construction with stucco exteriors and clay tile roofs. Plans will be completed and ready for figures in about two weeks. Prelim. plans being completed for four other school buildings to be erected under bond issue and will be presented to the Board of Education for approval shortly.

SAN FRANCISCO—Until May 21, 11 A. M., under Proposal No. 379, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. machinery equipment and tools for school department. Lists of materials desired obtainable from above.

WASCO, Kern Co., Cal.—As previously reported, E. H. Mellencamp, 723 Princeton St., Fresno, at \$99,432 awarded contract by Wasco Union High School District for general construction of high school auditorium. Kump & Johnson, architects, Rowell-Chandler Bldg., Fresno; B. A. Newman Co., 320 North H St., Fresno, awarded heating and ventilating at \$9754 and Electrical Const. Co., 1223 H St., Fresno, the electric work at \$10,435. Will be one-story concrete and masonry construction. Following is a complete list of bids received:

General Contract

E. H. Mellencamp, Fresno, \$92,400; Wm. Essler, Bakersfield, \$96,425; J. H. Graham, Dinuba, \$97,000; Carl H. Peterson, San Francisco and Fresno, \$97,800; Curry and Dugler, Bakersfield, \$107,000; Wasco Creamery and Construction Co., Wasco, \$116,182.

Heating

B. A. Newman Co., Fresno, \$9754; W. M. Fisher, Bakersfield, \$10,655; Pemberton Heating Co., Los Angeles, \$10,756.

Electric Work

Electric Construction Co., Fresno, \$10,751; Robinson Electric Co., Tulare, \$11,500.

BERKELEY, Alameda Co., Calif.—Until May 21, 8 P. M., bids will be received by Clara F. Andrews, Secty., Board of Education, 2325 Milvia St., to furnish books for the Vocational Departments of Berkeley High School for school year 1928-29. Further information obtainable from secretary.

LAGUNA BEACH, Orange Co., Cal.—Jules Markel & Son, 1905 N. Main St., Santa Ana, submitted low bid at \$121,475 to erect reinforced concrete school for Laguna Beach Board of Education. Nelson & Wylie, engineers, 1103 Subway Terminal Bldg., Los Angeles; 10-class rooms and auditorium. Other low bidders were: Electric work, Lynn Electric Co., Laguna Beach at \$12,249; plumbing, Pacific Pipe & Supply Co., 1002 Santa Fe Ave., Los Angeles.

OAKLAND, Alameda Co., Cal.—J. Welch, 2311 Prince Street, Oakland, at \$1950 was awarded the contract by John W. Edgemond, Secty., Board of Education, for grading in connection with administration building in Second St., bet. East 10th and East 11th Sts. Wm. Knowles, architect, 1214 Webster St., Oakland. Will be three-story reinforced concrete construction; estimated cost of structure, \$200,000.

BERKELEY, Alameda Co., Cal.—Until May 21, 8 P. M., bids will be received by Clara F. Andrews, Secty., Board of Education, 2325 Milvia St., to fur. laboratory supplies for school year 1928-29 for Berkeley High School. Lists of supplies desired obtainable from secretary.

FRESNO, Fresno Co., Cal.—Plans and specifications on file in the office of LARSEN ADVANCE CONSTRUCTION REPORTS, 547 Mission Street, San Francisco, for shower and dressing room at the Theodore Roosevelt school, and for a toilet building at the Kirk school, bids for which will be opened by the Fresno Board of Education May 24. Plans may be inspected by those interested in the work.

COALINGA, Fresno Co., Cal.—Roy Martin, Olive St., Fresno, at \$27,300 awarded contract for concrete and carpentry in connection with one-story concrete gymnasium for Coalinga Union High School District. Swartz and Ryland, architects, Rowell-Chandler Bldg., Fresno. Other awards were: Kyle & Co., Fresno, reinforced steel installed, \$1522, structural steel trusses, \$1760, miscellaneous iron and fire escapes, steel sash installed, \$1,060. Total, \$4342. Cross Lumber Co., Coalinga, roofing, \$1522. Joseph Masi, Fresno, plastering, \$3547. George E. Voseberg, Tulare, electric wiring, \$1688. Fresno Planing Mill of Fresno, mill work \$1428. W. P. Fuller Co., of Fresno, glass and glazing, \$583.62. Barrett Hicks Co., of Fresno, plumbing and sheet iron, \$1,565. J. E. Harrison of Fresno, painting, \$2280.

LOS ANGELES, Cal.—Bavin & Burch, 173 E. Jefferson St., awarded contract for dormitory on Faring Road, near Beverly Blvd., Holmby Hills, for Westlake School for Girls; plans prepared by Architect Arthur Kelly and Joe Estep, associate, 2512 W. 7th St.; will contain 58 bedrooms to accommodate 100 students and teachers, 100% baths, 350x126 feet, frame and stucco construction; \$125,000. Bids are being taken from a selected list of contractors for the gymnasium building, brick school auditorium and junior college.

SOMERTON, Ariz.—Architects T. C. Kistner & Co., Architects Bldg., Los Angeles, selected to prepare plans for new school to be erected at Somerton, Yuma County, for Somerton School District. The school trustees have called an election for May 22 to vote bonds in the sum of \$75,000 for the erection of the building.

Plans Being Prepared
SCHOOL BLDG. Cost, \$30,000
FORT BRAGG, Mendocino Co., Cal. One-story frame and stucco high school bldg. (auditorium and gymnasium). Owner—Fort Bragg School District. Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Only the auditorium and gym will be erected at this time. Total cost of high school estimated at \$125,000.

LOS ANGELES, Cal.—Witt & Chute, 2516 W. Santa Barbara, awarded general contract by Board of Education at \$66,536 to erect building at the 4th Street school site. Award was based on main bid less deductions for alternates 1 and 2 and plus addition for alternate 3D. F. D. Reed Plumbing Co., 1361 Factory Pl., awarded plumbing contract at \$7017. Hoagland-Lakin Elec. & En-

gineering Co., 1707 Naud St., awarded heating and ventilating contract at \$7373; C. A. Hinshaw, 152 N. Templeton St., Huntington Park, awarded painting contract at \$2380, and Gerard Vande, 1876 W. 38th Pl., awarded electric wiring contract at \$2276. Plans by Board of Education Architectural Division; 8-unit structure of brick and reinforced concrete construction.

Contract Awarded
DORMITORY Cont. Price \$18,998.50
MENLO PARK, San Mateo Co., Cal. Two-story frame dormitory and classroom bldg. (3 classrooms). Owner—Menlo Park School for Boys. Architect—Birge M. Clark, 310 University Ave., Palo Alto. Contractor—The Minton Co., Palo Alto.

SAN RAFAEL, Marin Co., Cal.—Until May 17, 8:30 p. m., bids will be received by Oliver R. Hartzell, Secty., Board of Education, for approx. 80,000 cu. yds. mud fill to be deposited on grounds of high school. Specifications obtainable from secty.

LOS ANGELES, Cal.—Schofield Engr. Constr. Co., builder, 621 S. Hope St., has applied for building permit to erect a 4-story Class A addition to existing school of Southern California; John and Donald B. Parkinson, architects, 420 Title Ins. Bldg.; \$300,000.

MARTINEZ, Contra Costa Co., Cal.—Alhambra High School District will seek \$2500 appropriation from city council to finance developments at school grounds including grading, etc., for athletic field. The district would provide an equal sum to complete the project.

FRESNO, Fresno Co., Cal.—Until May 24, 5 P. M., bids will be received by L. L. Smith, Secty., Board of Education, to fur. and install automatic heat control systems in:

(1) L. A. Winchell Elementary School involving 11-room thermostats; 13 syphon radiator valves and 3x3 double cylinder electric air compressor with automatic governor switch and necessary air tank. (2) John Burroughs Elementary School, involving 10-room thermostats; 11 syphon radiator valves and a 3x3 double cylinder electric air compressor with automatic governor switch and necessary air tank. Cert. check or bidder's bond 10% req. with bid. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Incandescent Supply Co., 726 Mission St., at \$2200 awarded contract by Board of Public Works to fur. and install electrical fixtures in Portola Jr. High School.

FRESNO, Fresno Co., Cal.—Until May 24, 5 P. M., bids will be received by L. L. Smith, Secty., Board of Education, for (a) shower and dressing rooms at Theodore Roosevelt High School; (b) toilet building at Kirk Elementary School. Plans by James Arnot, architect for board of education. Cert. check or bidder's bond of 10% req. with bid. Plans obtainable from secty. See call for bids under official proposal section in this issue.

WATSONVILLE, Santa Cruz Co., Cal.—The Minton Co., Mt. View, was awarded the contract at \$19,358 by Watsonville School District for construction of a one-story reinforced concrete school building, to be known as the Rodriguez School.

Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Building, San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

WATSONVILLE, Santa Cruz Co., Cal.—Jack Renfrow, Lake and Madison Sts., Watsonville, at \$78,543 was awarded the contract by Watsonville School District for the construction of a one-story frame and stucco school building, known as Palm Ave. School.

Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1726 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

The heating contract is included in the general contract.

WATSONVILLE, Santa Cruz Co., Cal.—Carl N. Swensen, 1256 Washington Ave., San Jose, was awarded the contract at \$28,274 by Watsonville School District for construction of a one-story reinforced concrete school building to be known as the Elm Street School.

Plans were prepared by Architect W.

H. Weeks, Hunter-Dulin Building, San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

ELVERTA, Sacramento Co., Cal.—The following bids were received by the clerk of the Elverta School District for the construction of a one-story frame, stucco and brick veneer school building. It is to be erected for the Lincoln School District, from plans prepared by Architect Frederick S. Harrison, People's Bank Bldg., Sacramento. Will contain three classrooms, auditorium, library, teachers' office, rest rooms, kitchen and cafeteria.

General Work
Azevedo & Sacramento, 1301 26th St., Sacramento.....\$15,559
P. F. Bender, Sacramento.....15,900
George W. Kopp, Sacramento.....16,220
George W. McKay, Sacramento.....17,268
W. L. Chatterton, Sacramento.....17,497
Herndon & Finnigan, Sacramento.....17,546
Chas. F. Unger, Woodland.....17,942
Jacob Lucas, Rosville.....19,448

Plumbing
L. H. Dallman, 325 N. 16th St., Sacramento.....\$ 975
Scott Plumbing & Elec. Co., Sacto.....1,067
Latourrette-Fical Co., Sacramento.....1,233
Luppen & Hawley, Sacramento.....1,392

Steam Heating
Latourrette-Fical Co., 907 Front St., Sacramento.....\$1,216
L. H. Dallman.....1,509
Scott Plumbing & Elec. Co.....1,645
Luppen & Hawley.....1,572

Electrical Work
Scott Plumbing & Elec. Co., 1900 M St., Sacramento.....\$ 677
Latourrette-Fical Co.....727
George C. Foss, Sacramento.....789
Luppen & Hawley.....828
Carl F. Bling, Sacramento.....925

Contracts will probably be awarded to all low bidders within one week.

Contract Awarded-Sub-bids Being Taken
SCHOOL Cost, \$46,000
SAN FRANCISCO, Franklin Street and Broadway.

Three-story and basement reinforced concrete school building (6 classrooms; first unit of Parochial School).

Owner—St. Bridges School (Rev. J. P. Cantwell, Director).
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Structural Engineer—L. H. Niskian, 525 Market St., San Francisco.
Contractor—J. E. Scully, Phelan Bldg.

Plans Being Prepared. Cost, \$—
SCHOOL
STOCKTON, San Joaquin Co., Cal.
Finishing high school building (contract recently awarded for rough work of same).

Owner—Stockton Union High School District.
Architect—Peter Sala, 2130 N-Commerce St., Stockton.

Plans will be ready for bids about June 7th.

Working Drawings Being Prepared
SCHOOL Cost, \$9,000
NEAR ROSEVILLE on County Line of Placer and Sacramento Counties.
One-story frame and brick veneer school building.

Owner—Center Joint School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Plans will be ready for bids in about two weeks.

Preparing Preliminary Plans
SCHOOL BLDG. Cost, \$19,000
TEHAMA, Tehama Co., Cal.
One-story frame and brick school bldg. (2 classrooms, auditorium, rest rooms etc.)

Owner—Tehama School District.
Architect—Frederick S. Harrison, People's Bank Bldg., Sacramento.
A bond election will be called shortly.

BANKS, STORES & OFFICES

FRESNO, Fresno Co., Cal.—Andrew M. Jensen, city commissioner of public works, will seek appropriation from city council to finance erection of second story addition to city garage to provide additional office quarters for city employees.

Plans Being Completed
STORE BLDG. Cost, \$—
MARYSVILLE, Yuba Co., Cal. D St., bet. Third and Fourth Sts.

One-story brick and concrete store bldg. Owner—Roy Van Vliet, 155 Montgomery St., San Francisco.

Architect—Earle Bertz, 210 Post St., San Francisco.

Lessee—M. Schwab & Co., Marysville.

Bids will be taken shortly from a selected list of contractors.

Contract Awarded
ALTER & ADDITIONS Cost, \$—
MONTEREY, Monterey Co., Cal.
Alterations and additions to present bank building.

Owner—Monterey Bank.
Architect—Roller West Co., First National Bank Bldg., San Francisco.

Contractor—Richard Chivers, 155 13th Pacific Grove, Monterey.

Contract Awarded
OFFICE BLDG. Cost, \$50,000
SALINAS, Monterey Co., Cal.

One and one-half story concrete store and office building (Mission style).

Owner—Salinas Title Guarantee Co.
Architect—Roller West Co., First National Bank Bldg., San Francisco.

Engineer—H. J. Brunner, Crocker Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Working Drawings Being Prepared
ALTERATIONS Cost, \$55,000
STOCKTON, San Joaquin Co., Cal.; 19 S Hunter St.

Alterations and additions to present bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Plans Being Completed
FITTING UP OFFICE Cost, \$—
SAN FRANCISCO, Ground floor of Russ building.

Fitting up broker's offices.
Owner—Lillenthal Bremer & Co., 210 Montgomery St.

Architect—Kent & Hass, 525 Market St.
Bids will be taken in about two weeks.

PACIFIC GROVE, Monterey Co., Cal.
—LaPorte & Greenwald, local furniture dealers, granted building permit by city to erect one-story frame, 65 by 65 ft. store building at Fountain Ave. and High St. Structures now on the site will be razed.

OAKLAND, Alameda Co., Cal.—J. Welsh, 2314 Prince St., Oakland, at \$1,950 awarded contract by Board of Education to grade site for school administration building in Second Ave. bet. E 10th and E 11th Sts. The structure will cost \$200,000. Wm. Knowles, Oakland, architect.

SEATTLE, Wash.—Architect Henry Bittman, Securities Bldg., Seattle, completes plans for three-story and basement fireproof stores and offices to be erected at 6th Ave. and Pine St. for J. G. Herberg; concrete and steel construction, 126 by 130 ft. Plans will provide for walls sufficient to carry three additional stories. Contract for clearing site has been awarded to Matheny & Bacon wreckers.

TACOMA, Wash.—Architect A. H. Albion, Henry Bldg., Seattle, and Paul Richardson and Joseph Wilson, associates, preparing plans for 10 or 12-story fireproof store and offices for Chas. Hurley, president of the Hurley-Mason Co., general contractors of Tacoma. Will be fireproof construction containing from 140 to 150 offices for doctors and dentists. The owners will erect the building.

Plans Being Prepared.
OFFICE BLDG. Cost, \$3,000,000
PHOENIX, Arizona. Van Buren St. from Central Ave. to First Ave.

Fifteen-story Class A office building with 5-story Class A professional building and theatre adjoining on each side.

Owner—Geo. L. Johnson, Phoenix, Ariz., and Dr. F. E. Morgan, 426 Hunter-Dulin Bldg., San Francisco.

Architect—Miller & Pfeuger, 580 Market St., San Francisco.

MERCED, Merced Co., Cal.—Store building of Barcroft and Sons, Inc., in Seventeenth St., will undergo extensive alterations. New fixtures and display cabinets will be included in the work in addition to mezzanine floors.

Contractor Taking Sub-Bids
REMODEL STORE. Cost, \$45,000
SAN FRANCISCO, Ellis St. and Stockton. Remodel present bldg. for store.

Owner—Foreman & Clark, 105 Stockton Street.

Architect—H. J. Knauer, 105 Stockton St. Contractor—Barrett & Hilp, 918 Harrison Street.

Work has been started.

YUBA CITY, Sutter Co., Cal.—Daniel Dempsey will erect postoffice building at Bridge and Yolo Sts., for lease to U. S. Government.

ALAMEDA, Alameda Co., Cal.—As previously reported, bids will be received May 16, 5 P. M., by A. D. Goldsworthy, sec'y., City Board of Public Utilities, to erect office building. Carl Werner, architect, 605 Market St., San Francisco. Will be one-story hollow tile construction; est. cost, \$20,000. See call for bids under official proposal section in this issue.

Plans Being Prepared.
ALTERATIONS Cost, \$25,000
OAKLAND, Alameda Co., Cal. Forty-sixth and Telegraph Aves.

Alter present building for banking quarters.

Owner—Italian American Securities Corp.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.

Construction Started.
STORE BLDG. Cost, \$55,000
STOCKTON, San Joaquin Co., Cal. NE Grant and Weber Streets.

Two-story and basement Class C steel frame and brick retail store building, terra cotta and pressed brick exterior.

Owner and Builder—Davis-Pearce Co., 47 N-Grant St., Stockton.

Architect—Davis-Pearce Co. 47 N-Grant St., Stockton.

Lessee—Montgomery Ward Co.

Contract Awarded
ALTERATIONS Cost, \$55,000
STOCKTON, San Joaquin Co., Cal.; 19 S Hunter St.

Alterations and additions to present bank building.

Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Contractor—Lewis & Green, Commercial & Savings Bank Bldg., Stockton.

Grading & Lumber Contract Awarded
MARKET BLDG. Cost, \$750,000
OAKLAND, Alameda Co., Cal. Block bounded by 14th and 30th Sts., bet. Jefferson and Grove Sts.

One-story class A Market building (47,000 sq. ft.)

Owner—Twentieth Century Market (Jas. G. Rohan, president).

Architect & Contractor—Maury I. Diggs, Latham Square Bldg., Oakland.

Clearing—Symon Bros. Wrecking Co., 1435 Market St., San Francisco.

Grading—Ariss-Knapp Co., 961 41st St., Oakland.

Lumber—Tilden Lumber Co., 400 High St., Oakland.

Construction Started
BANK BLDG. Cost, \$20,000
SAN FRANCISCO, Sacramento and Fillmore Sts.

One-story frame and stucco bank bldg. Owner—Bank of Italy.

Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts.

Manager of Construction—James Harkness, premises.

Work is being done by day's labor under supervision of Mr. Harkness.

Sub-Contracts Awarded
ALTER & ADDITIONS Cost, \$—
MONTEREY, Monterey Co., Cal.

Alterations and additions to present bank building.

Owner—Monterey Bank.
Architect—Roller West Co., First National Bank Bldg., San Francisco.

Contractor—Richard Chivers, 155 13th Pacific Grove, Monterey.

Plumbing and Sheet Metal Work—Ed. Simpson, Pacific Grove, Monterey.

Roofing—W. N. Ingram, Monterey.

Electrical Work—George Pugh, Pacific Grove.

Cement Work—W. H. Ten Eyck, Pacific Grove.

Mill Work and Lumber—Union Supply Co., Monterey.
The painting and decorating is being done by Mr. Chivers.

Plans Being Taken.
OFFICE BLDG. Cost, \$50,000
SALINAS, Monterey Co., Cal.
One and one-half-story concrete store
and office building (Mission style).
Owner—Salinas Fifth Guarantee Co.
Architect—Reddy West Co., First Na-
tional Bank Bldg., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg.,
San Francisco.
Contract—C. Barrett & Hilp, 918 Harri-
son St., San Francisco.

LOS ANGELES, Cal.—William B. Hess
& Co., 14 Merchants National Bank Bldg.,
is taking bids for an eight-story, class
A office building to be erected at 1022 San-
tita St. for themselves. Bids will be taken
separately on the general work, plumb-
ing, heating, and elevators. Plans were
prepared by Russell Collins, Spring-Ar-
cade Bldg. The building will be 55x116
feet, reinforced concrete construction.

Plans Being Completed.
MARKET BLDG. Cost, \$20,000
MOHISTO, Stanislaus Co., Cal. Tenth
and I Streets.
One-story frame and concrete store and
market building.
Owner—Mr. Melbis.
Architect—Russell Guerne De Lappe, 1710
Franklin St., Oakland.
The plans will be ready for bids in
about one week.

SANTA ANA, Orange Co., Cal.—H. P.
and Herbert Rankin and associates have
purchased southwest corner of 3rd and
Broadway as site for business building.
It is proposed to erect a store building
containing 17 rooms. Site is 150x120 ft.

BERKELEY, Alameda Co., Cal.—Bids
are being received by the Berkeley Post-
master to lease a standing structure or
erect a new structure for lease to the
Government for postoffice quarters in the
South Berkeley district.

Bids In Under Advisement.
OFFICE BLDG. Cost, \$50,000
AUBURN, Placer Co., Cal. N High St.
E Placer St.
Three-story and basement office building
(type of structure not decided).
Owner—Pacific Gas & Electric Co., 245
Market St., San Francisco.
Architect—Eng. Dept. of Owner.
New bids may be called for.

May 9, 1928
Plans Completed.
AUTO BLDG. Cost, \$15,000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete auto sales
and display building.
Owner—Louis Normandin, 105 Hanchett
St., San Jose.
Architect—De Lange & Collins, Pajaro
Valley Bank Bldg., Watsonville.
Lessee—Gunter & Gunter (Hudson-Essex
Agency).

Bids will be taken May 12th for gen-
eral contract.

Spor Tract Permit granted.
ADDITION Cost, \$—
SAN FRANCISCO, SE Twenty-fifth St.
and Potrero Ave.

One-story reinforced concrete addition to
present one-story building.
Owner—Investment Properties Corp.
Architects—O'Brien Bros. & W. D. Pugh,
315 Montgomery St., San Francisco.
Contractor—Industrial Const. Co., 815
Bryant St., San Francisco.

Sub-bids being taken for reinforcing
steel, plastering, plumbing, electrical
work, etc.

THEATRES

Sub-Contracts Awarded.
THEATRE Cont. price \$185,000
OAKLAND, Alameda Co., Cal. S Seven-
teenth St. bet. San Pablo and Tele-
graph Aves., 100x165 feet.

Class A theatre building to be known as
Dulwin Theatre (seating 1250).
Owner—Income Properties of Calif., Inc.,
16 1/2 St., Oakland (Ford Proctor).
Lessee—Henry Duffy, 7 Alexander Theatre,
10 1/2 St., near Powell, S. F.
Architect—Weeks & Day, Financial Cen-
ter Bldg., San Francisco.
Contractor—Charles Heyer, Mills Bldg.,
San Francisco.
Composition Floor Sleepers—National

Kellastone Co., 233 Sansome St., San
Francisco.

Electric Wiring—H. S. Tittle, 85 Colum-
bia Square, San Francisco.

Sprinkler System—Grinnell Co. of The
Pacific, 5th and Brannan Sts., S. F.
Grid Beams—Dwan & Co., 534 6th St.,
San Francisco.

Maple Flooring—Hardwood Floor Co. Inc.,
1911 E 12th St., Oakland.

Heating and Ventilating—Bell & Co., 1826
E 15th St., Oakland.

Marble—Eisele & Dondero, 2895 3rd St.,
San Francisco.

Mill Work—Lannon Mfg. Co., 5th & Mag-
nolia Sts., Oakland.

Painting—J. A. Turgeon, 2055 Webster
St., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto
Bldg., San Francisco.

Plumbing—Oscar Zess, 2181 High St.,
Oakland.

As previously reported: Ornamental
Iron awarded to Michel & Pfeffer Iron
Works, Harrison and 10th Sts., San Fran-
cisco; Rooshors to W. J. Burke, 206 Davis
St., San Francisco; Structural Steel to
Pacific Coast Eng. Co., Foot of 14th St.,
Oakland; Excavating to Ariss Knapp Co.,
961 41st St., Oakland.

Plans Ready For Bids In One Week.
THEATRE BLDG. Cost, \$70,000
ELY, Nevada.

One-story reinforced concrete theatre
bldg. (seating capacity 800).
Owner—P. W. Hull, Ely, Nevada.
Architect—Norman R. Coulter, 46 Kearny
St., San Francisco.

WILLOWS, Glenn Co., Cal.—Principal
Theatres Corp., of San Francisco, operat-
ed by L. H. Killingsworth, which recently
purchased the Rialto Theatre in this city
contemplates replacing the present struc-
ture with a modern building.

CALEXICO, Imperial Co., Cal.—Arch-
itect Carl J. Weyl, 6536 Sunset Blvd.,
Los Angeles, completing plans for the-
atre to be erected for Principal Theatres,
Inc., 621 S. Hope St., Los Angeles; Sol
Lesser, president; auditorium to seat 600.
concrete and brick construction; \$100,000

Plans Being Completed.
THEATRE Cost, \$100,000
PORTERVILLE, Tulare Co., Cal.
Concrete and brick theatre, seating ca-
pacity, 600.

Owner—Principal Theatre, Inc. (Sol
Lesser, president), 621 South Hope
St., Los Angeles.
Architect—Carl J. Weyl, 6536 Sunset
Blvd., Los Angeles.

PHOENIX, Ariz.—See "Banks, Stores
and Offices," this issue.

May 3, 1928
OAKLAND, Alameda Co., Cal.—Chas.
Heyer, Mills Bldg., San Francisco, has
awarded the Williams Form Clamp con-
tract to W. J. Burke, 200 Davis St., San
Francisco, in connection with the con-
struction of the Class A theatre building
being erected on Seventeenth St. and
Telegraph Ave., Oakland. Plans were
prepared by Architects Weeks & Day,
Financial Center Bldg., San Francisco.

WHARVES AND DOCKS

LONG BEACH, Cal.—See "Public
Buildings," this issue. Bonds of \$2,800,
000 voted for municipal auditorium and
pleasure pier.

HUNTINGTON BEACH, Cal.—Petition
in circulation for bond election to provide
funds for a 1500-ft. pleasure pier on Sun-
set Beach. Proposed pier would be of
creosoted wood piling and cost between
\$15,000 and \$20,000.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO.—Until May 14, 8:30
P. M., bids will be received by Frank T.
Kennedy, secy., Fire Commission, City
Hall, to drydock and repaint hulls and
renew zinc plates, etc., on hulls of fire-
boats "Edmund T. Sullivan" and "David
Scannell," also repair hull of fireboat
"David Scannell." Further information
obtainable from secy.

SAN MATEO, San Mateo Co., Cal.—
Bids are being received by E. W. Foster
city clerk, (to be opened about May 21,
to erect two new water tanks for ir-
rigation system in city park. Plans on
file in office of clerk.

EUREKA, Humboldt Co., Cal.—City
council rejects bids to const. chain link
wire fence around portion of Elk and
Deer paddocks in Sequoia Park, bids re-
ceived May 7 being rejected as not being
in accord with specifications. New bids
will be opened May 15, 8 P. M. Bids re-
jected were: Moore and Stenfort, \$2,235;
Mercer-Fraser Co., \$2,278; Halsby and
Lax, \$2,323; R. E. Shaw, \$2,349; Stand-
ard Fence Co., \$2,464; Engineer's esti-
mate, \$2,300. Plans on file in office of A.
Walter Kildale, city clerk.

BAKERSFIELD, Kern Co., Cal.—Bids
will be asked at once by county super-
visors, to be opened probably June 4, to
erect county airport administration build-
ing. Plans on file in office of clerk.

DIXON, Solano Co., Cal.—Construc-
tion will be started at once by C. E.
Mace on a two story concrete addition,
79 by 60 feet, for slaughter house. New
equipment will be installed.

Sub-Contracts Awarded.
ARENA Cost, \$400,000
SAN FRANCISCO, NW Steiner and Post
Streets.

Steel frame and concrete arena, 275x
137-6 feet.

Owner—Dreamland Auditorium, Inc.,
1725 Steiner St., San Francisco. Isa-
dore Zellerbach and Andrew H. Ma-
loney).

Architect—Ward & Blohme, 319 Sansome
St., San Francisco.

Contractor—Barrett & Hilp, 918 Harri-
son St., San Francisco.

Supt. of Constr.—James L. McLaughlin,
251 Kearny St., San Francisco.

Plastering—James Smith, 271 Minna St.,
San Francisco.

Finish Hardware—Palace Hardware Co.,
581 Market St., San Francisco.

Ornamental Iron—Fair Mfg. Co., 617
Bryant St., San Francisco.

Other awards previously reported.

SAN FRANCISCO.—Ralph W. Wiley,
chief of the Department of Electricity,
seeks \$97,000 budget appropriation for
supervisors to finance installation of 92
new signals in Market St. bet. the Ferry
and Van Ness Ave.; install 80 pedestrian
traffic signals in Market St.; install traf-
fic signals at 50 other street intersections;
construct two synchronized timers at
Central Fire Alarm station and lay three
trunk line cables from Central Alarm
station to downtown district to Mission
district and to south of Market district.

SACRAMENTO, Sacramento Co., Cal.
—The following bids were received by
State Department of Public Works, Di-
vision of Architecture, Forum Bldg., Sac-
ramento, for installing a drinking water
cooling system at the Sacramento State
Building:

Pacific Ice Machine Co., 832 Folsom	\$2955
St., San Francisco	2996
Parker Ice Machine Co., S. F.	3048
J. D. Love, Oakland	3060
York Ice Machine Co., S. F.	2338
Cyclops Iron Works, S. F.	

REDWOOD CITY, San Mateo Co., Cal.
—County Surveyor Geo. A. Kneese pre-
paring specifications for dam in Memori-
al Park to be used as swimming pool;
estimated cost \$1300.

Permit Applied For.
TANK Cost, \$12,000

SAN FRANCISCO, N Jefferson St., bet.
Hyde and Leavenworth Sts.

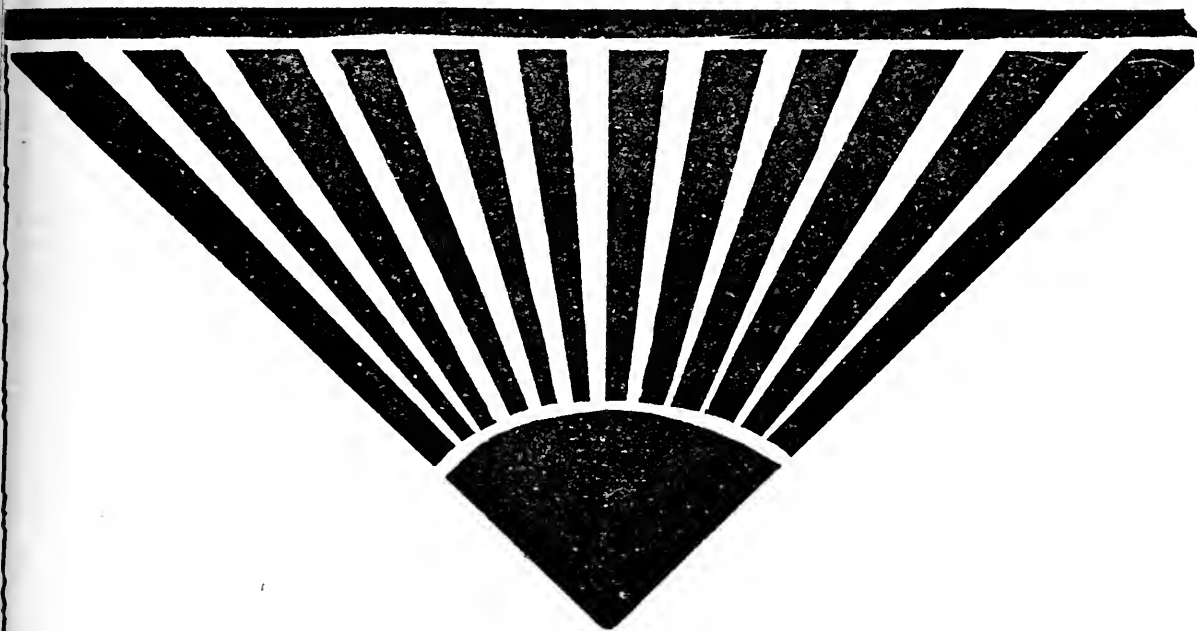
Construct 5000 bbl. oil storage tank.

Owner—Golden Gate Ferry Co., Hyde St.
San Francisco.

Architect—None.

OAKLAND, Alameda Co., Cal.—The
United Iron Works, 580 Second St., Oak-
land, at \$20,583 were awarded the con-
tract by county supervisors to fur-
nish and install metal dampers and ducts in Oak-
land and Alameda Ventilation buildings of
estuary subway.

AUBURN, Placer Co., Cal.—Placer
Union High School District has purchased
5 1/2-acre site to be improved for an
athletic field and recreational center.



THE POINT IN VIEW!

WE are after your **PRINTING**—no matter how big or how small the job—our point in view is to satisfy our customers and make friends. As a subscriber to this paper you should have (without a n y regrets) your

Printing

done in the office where the **DAILY PACIFIC BUILDER**, the **BUILDING AND ENGINEERING NEWS**, and **LARSEN'S A D V A N C E CONSTRUCTION REPORTS** are printed.

ALL WE ASK FOR IS A TRIAL !

Stark-Rath Printing & Publishing Co., Phone Kearny 1252, San Francisco

David A. Comisky, general contractor, a member of the San Francisco Builders Exchange and General Contractors of San Francisco, passed away last Wednesday. A widow and son survive. Funeral services were held yesterday from the funeral parlors of J. Godeau & Company.

Engineering News Section

BRIDGES

EUREKA, Humboldt Co., Cal.—Ernest L. McKee, Eureka, at \$1995 awarded contract by county to const. Park St. culvert. Other bids: W. B. Stout, \$2395; Chas. L. Lambert, \$2470; Henry Padgett, \$2496; Smith Bros. Co., \$2497; B. Morganti & Son, \$2788.

EUREKA, Humboldt Co., Cal.—County rejects bids to const. 3 conc. culverts near Bridgeville. Bids considered too high.

SAN JOSE, Santa Clara Co., Cal.—City votes bonds of \$275,000 to finance replacement of the following dilapidated bridges: Hobson St. over Guadalupe creek; San Augustine St. over Guadalupe creek; San Fernando St. over Guadalupe creek; Park Ave. over Guadalupe creek; Park Ave. over Los Gatos creek; Auzerals St. over Guadalupe creek; Hamline St. over Guadalupe creek; Julian St. over Coyote creek.

New bridges will be constructed as follows: East San Antonio St. over Coyote creek; Taylor St. over Guadalupe creek into Asbury and Polhemus Sts.; West Virginia St. over Guadalupe creek into Home St. Wm. Popp, city eng. John J. Lynch, city clerk.

OAKLAND, Cal.—Bids will be asked shortly by county supervisors for purchase of Webster street bridge. The bridge will be replaced by the Estuary bldg now being completed. It is expected the steel will bring a bid of \$20,000. Geo. A. Posey, county surveyor.

FRESNO, Fresno Co., Cal.—County supervisors authorize reconstruction of bridge over Fresno slough, partially destroyed by fire; est. cost \$6150. C. P. Jensen, county surveyor.

NYSSA, Ore.—Until June 7, bids will be rec. by Bureau of Reclamation, Nyssa, to const. Owyhee dam, on Owyhee river, about 30 miles southwest of Nyssa, Ore. Dam is to be 400 ft. high and 700 ft. long, of arch gravity concrete type, involving 135,000 cu. yds. earth and loose rock excav.; 70,000 cu. yds. solid rock excav.; 15,500 cu. yds. excav. spillway shaft; 35,000 cu. yds. excav. diversion and spillway tunnel; 11,000 lin. ft. drill grout holes 7000 lin. ft. drill drainage holes; 490,000 cu. yds. concrete in dam; 17,600 cu. yds. conc. fault zone; 12,000 cu. yds. conc. in spillway inlet and outfall, spillway shaft and tunnel; 825 cu. yds. conc. structures; 675,000 lb. placing reinf. steel; 115,000 lb. install pipe and fittings; 1,760,000 lb. install gates and valves; 440,000 lb. install struct. steel; 183,000 lb. install trash rack steel. Plans and spec. obtainable from Bureau of Reclamation, Nyssa, Oregon; Denver, Colorado; and Washington, D. C.

PLUMAS COUNTY, Cal.—C. F. Herziger, 50 Leo Way, Oakland, at \$9986 (eng. est. \$13,822) awarded cont. by State Highway Comm. to const. two reinf. conc. girder bridges, one across Rock Creek, 4 1/2 mi. west of Westwood consisting of two 30 ft. spans and another across Bailey Creek, 7 1/2 mi. west of Westwood consisting of one 36-ft. span and two 22 ft. spans.

MODESTO, Stanislaus Co., Cal.—Directors of South San Joaquin Irrigation District approve plans prepared by County Surveyor J. H. Hoskins for two bridges over main supply canal, one near Woodward reservoir on Six Mile Rd. and another one in Pioneer Ave. east of Escalon.

PHOENIX, Ariz.—Ken Hodgman, 2145 Beechwood Terrace, Hollywood, sub. low bid to state highway comm. at \$17,857 + const. Wickenburg Bridge across the Hassayama river, involv. cresooted wood structure with 2700 cu. yds. earth approach and incidental items, under F. A. P. No. 31.

YOLO COUNTY, Cal.—Following bids rec. May 3 by R. E. Pierce, Division Engineer, State Highway Commission, to remove present guard rails and wheel guards and construct and paint new guard rails and wheel guards and lower approx. 400 lin. ft. of westerly end of timber trestle at west approach to causeway approx. 0.5 mi. in length:

M. A. Jenkins, Sacramento.....	\$12,559
B. C. Bennett.....	12,839
F. A. Holdener, Sacramento.....	14,193
B. C. Gerwick, San Francisco.....	14,923
Mankel & Starring, Sacramento....	17,346

ROSEVILLE, Placer Co., Cal.—City contemplates bond issue to secure funds to finance const. of two bridges over railroad tracks on Sierra Vista Blvd., and over Dry Creek on South Lincoln St.

SAN JOAQUIN COUNTY, Cal.—Until May 14, 2 P. M., bids will be rec. by R. E. Pierce, Acting Division Engineer, District X, 414 Highway Bldg., Sacramento, to remove present timber approaches and dolphins and construct new timber approaches to draw bridge in San Joaquin county, over the south fork of the Mokelumne river at New Hope, approx. 280 ft. in length. See call for bids under official proposal section in this issue.

PHOENIX, Ariz.—Levy Construction Co., Denver, sub. only bid to state highway commission at \$32,735 to const. Fairbanks Bridge, over the San Pedro river on Tombstone-Nogales river, consisting of two concrete spans and 5400 cu. yds. earth in approach fill, with incidental items.

SAN MATEO COUNTY, Cal.—Albert Mansfield, attorney of Burlingame, declares that the franchise granted him by the San Mateo county supervisors on March 5 and rescinded seven days later is valid and has filed an acceptance of the permit to construct a bridge over San Francisco Bay from Candlestick Point, San Mateo county, to Alameda county. The 30-day time limit for the filing of the acceptance of the franchise expires May 12. The franchise was rescinded due to protests by San Mateo county and San Francisco interests. The bridge is estimated to cost \$40,000,000.

FRESNO-MADERA COUNTIES, Cal.—Carl H. Petersen, 2023 Fresno St., Fresno, at \$188,734 awarded cont. by State Highway Comm. to const. bridge over San Joaquin river about 1 mi. north of Herndon, consisting of four 160 ft. deck steel spans; two 80-ft. deck plate girder spans and one 64-ft. deck plate girder span on conc. piers with pile foundations. Eng. est. \$206,052.

HARD BOILED HATS
will withstand a blow of
a 12 lb. object falling
4 feet.

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

OAKLAND, Cal.—City declares intent to sewer Stanley Ave., bet. Oliver and Jones Ave., together with manholes, lampholes and wye branches. 1911 Act. Protests May 24. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

SAN LUIS OBISPO COUNTY, Cal.—Chas. Steffen, Spreckels Bldg., San Diego, at \$29,427 (eng. est. \$34,868) sub. low bid to State Highway Comm., May 9 to const. reinf. conc. girder bridge over San Luis Obispo Creek, 3 1/2 mi. south of San Luis Obispo, consisting of seven 38-ft. spans on conc. pile bents, also retaining walls, slope paving and grade and surface approaches with waterbound macadam. Other bidders were: Otto Parlier, Tulare, \$32,485; J. C. Butler, Los Angeles, \$33,585; L. Worrell, Alhambra, \$23,900; R. B. McKenzie, Gerber, \$34,089; A. W. Kitchen San Francisco, \$34,326; Theo. Maino, San Luis Obispo, \$34,497; C. C. Gildersleeve, Pittsburg, \$34,999; Paul M. White, Santa Monica, \$36,172; Holdener Const. Co., Sacramento, \$36,555; Bent Bros., Inc., Los Angeles, \$36,930; Fredrickson and Watson, Oakland, \$39,324.

SAN LUIS OBISPO, Cal.—Irving M. Ryder, San Carlos and Dupont Sts., San Jose, awarded cont. by county at \$18,034.17 to const. overhead bridge at Oceano over Southern Pacific Ry.

SANTA ROSA, Sonoma Co., Cal.—As previously reported, bids will be rec. May 15, 8 P. M., by C. B. Reid, city clerk, to const. two reinf. conc. bridges, one over Santa Rosa Creek and another over Matanzas Creek. Project involves 875 cu. yds. A conc.; 36 1/2 cu. yds. B conc.; 750 ft. wooden piles. Cert. check 10% payable to Mayor req. with bid. Plans obtainable from A. P. Noyes, city engineer, on deposit of \$10, returnable.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN RAFAEL, Marin Co., Cal.—Until May 17, 8:30 P. M., bids will be rec. by Oliver R. Hartzell, Secty., Board of Education, for approx. 80,000 cu. yds. mud fill to be deposited on grounds of high school. Spec. obtainable from Secty.

SAN DIEGO, Cal.—Until 10 A. M. J. 4, bids will be rec. by city for dredging certain channels in San Diego Bay and depositing of dredged material on Municipal Airport site. Plans obtainable from office of A. V. Goeddel, superintendent of the purchasing department, upon deposit of \$15, of which \$10 will be returned. Cert. check, 5%.

LONG BEACH, Cal.—City votes bonds of \$5,500,000 to finance harbor improvements, a municipal auditorium and pleasure (horseshoe) pier.

ARBOGA, Yuba Co., Cal.—Directors of Reclamation District No. 784 have appointed committee to confer with State Reclamation Board regarding repairs to strengthen levees of district.

IRRIGATION PROJECTS

CALIFORNIA.—Following is a partial list of applications filed with State Department of Public Works, Division of Water Rights, Sacramento, during the month of April, for permits to appropriate water:

App. 5887 (Placer Co.) Gordon Snedeker, Forest Hill, Calif., for 3 c. f. s. from Flat Ravine tributary to N. Fk. of M. Fk. American River for mining purposes. Est. cost \$1000.

App. 5888 (Mono Co.) Mrs. Ruby H. Cunningham, Mono Lake, Calif., 10 c. f.

from Andy Thompson Creek tributary to Mono Lake for power purposes.

App. 5882 (Hasson Co.) Red River Lumber Co., Westwood, 25 c. f. s. and 30,000 ac. ft. in Horse Creek tributary to Pit River for power purposes.

App. 5893 (Los Angeles Co.) County of Los Angeles, for 1 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes. Est. cost \$1000.

App. 5894 (Los Angeles Co.) County of Los Angeles, 95 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes. Est. cost \$1000.

App. 5895 (Los Angeles Co.) County of Los Angeles, 92 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes. Est. cost \$1000.

App. 5897 (Los Angeles Co.) County of Los Angeles, 10 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes.

App. 5899 (Los Angeles Co.) County of Los Angeles, for 98 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes.

App. 5900 (Los Angeles Co.) County of Los Angeles, 91 c. f. s. from spring tributary to N. Fk. San Gabriel river to be diverted in Sec. 21, T 2 N, R 9 W, S. B. M., for domestic purposes.

App. 5901 (Los Angeles Co.) County of Los Angeles, 20 c. f. s. from spring tributary to N. Fk. San Gabriel river for domestic purposes.

CALIFORNIA.—State Department of Public Works, Division of Water Rights, Harold Conkling, Chief of Division, grants following permits during month for April, to appropriate water:

Permit 2998, App. 5748 (Trinity Co.) Issued to M. A. Senger, Weaverille, for 40 c. f. s. from N. Fk. of Trinity river for hydraulic mining. Est. cost \$40,000.

Permit 3003, App. 5759 (Los Angeles Co.) F. H. Hoepfner, Los Angeles, 4 c. f. s. from springs and underground water for domestic and irrigating 40 acres. Est. cost \$1500.

Permit 3004, App. 5470 (El Dorado Co.) R. W. Pantler, Placerville, 0.01 c. f. s. from Whaler Creek in Sec. 19, T 12 N, R 12 E, for mining purposes. Est. cost \$15,000.

Permit 3005, App. 5471 (El Dorado Co.) R. W. Pantler, Placerville, 6.25 c. f. s. from Whaler Creek for power purposes. 115 T. H. P. to be developed. Est. cost \$15,000.

Permit 3006, App. 5664 (Trinity Co.) Frank L. Upham, Douglas City, 25 c. f. s. from Indian Creek for mining purposes. Est. cost \$1000.

Permit 3008, App. 5593 (Tulare Co.) Harold M. Calkins, Kernville 1 c. f. s. from Burrwood Creek for power purposes. 4 T. H. P. to be developed. Est. cost \$1800.

Permit 3009, App. 5653 (Santa Clara Co.) Valley Water Conservation Association, San Jose, 10,000 ac. ft. per annum from Guadalupe Creek for domestic and irrigation on 2560 acres. Est. cost \$8,000.

Permit 3010, App. 5651 (Santa Clara Co.) Valley Water Conservation Association, San Jose, 10,000 ac. ft. per annum from Los Gatos Creek for domestic and irrigation on 2560 acres. Est. cost \$8,000.

Permit 3011, App. 2922 (Riverside Co.) Coachella Valley County Water District, Coachella, 39,000 a. f. from White Water River, Falls Creek, Snow Creek, Tahquitz Creek, Andreas Canyon, Murray Canyon and Palm Canyon for irrigation and domestic purposes on 25,000 acres within district. Est. cost \$7,000.

Permit 3011, App. 5551 (San Bernardino Co.) Treasure Island Mutual Water Co., Beaumont, 993 c. f. s. from an unnamed spring for domestic purposes. Est. cost \$2,000.

Permit 3015, App. 5458 (Mono Co.) Lloyd Sumner, Mammoth Lakes, 16 c. f. s. from Dry Creek for domestic use. Est. cost \$25,000.

Permit 3016, App. 5795 (Dei Norte Co.)

J. L. Musick, Crescent City, 12 c. f. s. from Rock Creek for domestic use. Est. cost \$2000.

SAN JOSE, Santa Clara Co., Cal.—San Jose Deep Water Port Assn. requests supervisors to provide \$1500 to finance employment of engineer to make industrial survey for deep water port.

TURLOCK, Stanislaus Co., Cal.—Lloyd Terrell, Turlock, at \$4504.43 awarded cont. by Turlock Irrigation District, invol. 2000 lin. ft. conc. canal lining; 2 conc. structures; 700 ft. 36-in. conc. pipe, 481 cu. yds. hardpan excavation. W. R. Meyers only other bidder at \$4,662.15.

WOODBRIDGE, San Joaquin Co., Cal.—Until May 23, 10 A. M., bids will be rec. by Olla L. Strother, Secty., Woodbridge Irrigation District, for excavating and backfilling, under the following schedules:

Sched. 1.—Following structures to be made of concrete: One culvert for a lateral branching from Canal "C" near Station 265 and running north and west, where lateral crosses County road west of Ray school, and one siphon for a lateral branching from Canal "A," near Station 403 and running west, where lateral crosses Pixley Slough.

Sched. 2.—Following described structures to be made of concrete: One headgate, two check gates and three delivery gates for said lateral branching from Canal "C," one headgate for said lateral branching from Canal "A," one inlet structure and one outlet structure for said siphon, and one spillway for lateral "C-A."

Sched. 3.—Three farm bridges to be constructed of wood across lateral branching from Canal "C."

Plans obtainable from Secty. at district office, Main and Indiana Sts., Woodbridge.

LIGHTING SYSTEMS

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1437) to imp. Mendocino Ave. from pt. 60 ft. north of College Ave., south of 4th St., portions of Exchange Ave., Hinton, 3rd and Main Sts., invol. 75 ornamental electrolier standards with underground system. Union Metal Mfg. Co. standards, Design No. 807, 1911 Act, Bond Act 1915. Protests June 5. C. B. Reid, city clerk. Arthur P. Noyes, city engineer.

TULARE, Tulare Co., Cal.—Until May 16, 8 P. M., bids will be rec. by C. W. Cobb, city clerk, (132) to install ornamental electrolier system in portions of Inyo, L. King and K Sts., invol. 28 standards together with underground system. Standards of Union Metal Mfg. Co. design 1391, 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

LONG BEACH, Cal.—City declares inten. to const. ornam. lighting system in Falcon Ave. bet. Wardlow road and Bixby road and in Lewis Ave. bet. Wardlow road and Bixby Ave., invol. S. W. Street Lighting Co.'s posts, conduits, etc. Inten. declared to const. ornam. light system in Ocean Blvd. bet. Alamitos Ave. and 39th Pl. All under 1911 Act. J. Oliver Brison, city clerk.

TORRANCE, Cal.—City Eng. F. R. Leonard preparing plans for ornam. lighting system in both residence and business

districts, invol. 172 single standards, in the first section, and 128 double standards in the latter district. There will also be 60 posts in the semi-business district and 43 com. trolley and light posts.

OROVILLE, Butte Co., Cal.—Property owners circulating petitions seeking installation of electrolier system in main business streets. Sufficient petitioners will be signed up to present the matter before the city trustees Monday, May 7.

SANTA BARBARA, Cal.—Until 2 P. M., May 10, bids will be rec. by city to const. lighting system in Cabrillo Blvd. Bids will be asked on alternate plans as follows:

Proposal No. 1.—Fur. all standards, cable, concrete bases, glassware and the constr. complete, ready to operate, of a lighting system on Cabrillo Blvd., bet. State St. and the easterly end of the existing lighting conduit at Cabrillo Pavilion. Approx. 63 standards will be required.

Proposal No. 2.—Fur. all standards, cable, concrete bases, glassware, additional conduit and the constr. complete, ready to operate of a lighting system on Cabrillo Blvd., bet. State St. and the Coast Highway. Approx. 103 standards will be required. Certified check or bond, 10%. E. B. Brown, city engineer.

SANTA ANA, Cal.—City plans ornamental lighting system in Cypress Ave., bet. First St. and Occidental Ave., and portions of Maple St., Oak St., Kilson Dr. and other streets, involving King Ferromite standards; 1911 and 1915 Acts. Protests, May 28. E. L. Vegely, city clerk.

LOS ANGELES, Cal.—Until 2 P. M., May 28, bids will be rec. by county for ornamental lights in C. I. 751, along Beverly Blvd., bet. Doheny Dr. and P. E. Ry. right of way to Sherman, involving 51 type No. 1900 Marbelite posts; est. cost, \$17,269.

BURBANK, Cal.—City plans ornamental lights in Rowland Ave. bet. Pass and Clybourn Aves., and other streets, invol. Marbelite posts; 1911 act. Protests May 22. F. S. Webster, city clerk. T. R. Mini, city eng.

SALINAS, Monterey Co., Cal.—Marbelite Corp. of America, 3248 Long Beach Ave., Los Angeles, at \$7,479.90 awarded cont. by city to install ornamental conc. posts for street lighting system in Monterey St., bet. John St. and Southern Pacific R. R., includ. underground system. (Marbelite Corp. provisions). J. R. Davis, Los Angeles, \$9400; Atkinson Engineering Co., Los Angeles, \$9735; Walker, Martin and Montgomery, Modesto, \$9900.

BAKERSFIELD, Kern Co., Cal.—Petitions seeking installation of electroliers in sixteen blocks along 18th St., bet. L and Baker Sts., have been presented to the city council. Referred to City Planning Commission for report. W. D. Clarke, city engineer.

MACHINERY AND EQUIPMENT

FRESNO, Fresno Co., Cal.—Coast Road Machinery Co. at \$3347.34 awarded cont. by city to fur. one-man grader.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

BERKELEY, Alameda Co., Cal.—Until May 8, 10 A. M., bids will be received by Emma M. Hann, city clerk, to fur. 42 hard rubber tires, more or less, for fiscal year ending June 30, 1929. Cert. check 10¢ req. with bid. Spec. on file in office of clerk.

SAN FRANCISCO.—Until May 21, 11 A. M., under Proposal No. 379, bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. machinery equipment and tools for school department. Lists of materials desired obtainable from above.

CHICO, Butte Co., Cal.—Sterling Motor Truck Co., Oakland, at \$3706 awarded cont. by Board of Education to fur. 3-ton truck chassis for transportation of pupils of Paradise High School District. T. J. Fleck, Chico, at \$2210 awarded cont. to fur. and install bus body.

RAILROADS

SAN FRANCISCO—State Supreme Court has lifted injunction which prevented City Auditor Boyle from paying out funds to finance constr. of Judah street line of Municipal Railway system and construction of the line will be started as soon as legal proceedings will permit. The contract was awarded to Eaton & Smith, 715 Ocean Ave., on Sept. 30, 1927, on a bid of \$248,267. After starting work the contractors were prevented from proceeding with the project due to the legal procedure.

OGDEN, Utah.—Utah Construction Co., Ogden, Utah, and Phelan Bldg., San Francisco, at approx. \$250,000 awarded cont. by Oregon Short Line R. R. to construct 10-mi. of second track on main line, from Ticeska to Bliss, Idaho. Will include some grade rectification.

SPRAGUE, Ore.—Plans for extension to Oregon, California and Eastern Railroad from Sprague River to Ely, Ore., a distance of 26½ mi. are announced by N. H. Bogue, general manager and chief engineer for the company. The road is jointly owned by the Southern Pacific and the Great Northern Railroads. The line now runs from Klamath Falls, Ore., to Sprague River.

FIRE EQUIPMENT

SANTA ROSA, Sonoma Co., Cal.—American La France Co., at \$13,500 awarded cont. by city to fur. motor fire engine.

MISCELLANEOUS SUPPLIES

SACRAMENTO, Cal.—Associated Oil Co., San Francisco, at \$1.54 per bbl. has been awarded contract by Board of Education to fur. approx. 8000 bbls. fuel oil for heating school buildings.

RESERVOIRS AND DAMS

VALE, Oregon.—Until 2 P. M., June 8, bids will be rec. by Bureau of Reclamation, Vale, Ore., for diversion dam, earthwork, tunnels, canal lining and structures for Vale Main Canal, Vale Project, Oregon, involving: 190,000 cu. yds. excavation; 1000 cu. yds. overhaul; 2500 cu. yds. backfill; 700 yd. puddle or tamp backfill; 13,000 cu. yds. concrete; 203,000 lb. placing reinf. steel; 4000 ft. 6 to 8-in. drain pipe, lay; 300 M ft. B. M. timbering tunnels; 149,000 lbs. structural steel, install. Plans and specifications may be obtained from Bureau of Reclamation, Vale, Oregon; Denver, Colo., or Washington, D. C.

LOVELOCK, Nevada.—Until May 28, 10 A. M. bids will be rec. by V. A. Twigg, city clerk, to fur. and install c. i. pipe system involv. 4000 lin. ft. 14-in., 20,000 lin. ft. 12-in., 3000 lin. ft. 10-in. c. i. pipe (to be high tensile strength either centrifugal cast or McWane); 12,000 cu. yds. excavation and backfill; one recording Venturi meter; miscellaneous air, vacuum, pressure, shut-off, blow-off and

regulating valves; revising of pump house piping. King and Malone, engineers, Cladinos Bldg., Reno, Nevada. Bonds of \$75,000 voted to finance project. Plans obtainable from engineers on deposit of \$10, returnable.

POMONA, Cal.—Elliott and McKenna, 1120 Alchison St., Pasadena, at \$47,433 awarded cont. by city to const. reinf. conc. reservoir of 5,000,000-gal. capacity; approx. 300x160-ft.

SEWAGE DISPOSAL PLANTS

PASADENA, Cal.—Until May 21, 10 A. M. bids will be rec. by Bessie Chamberlain, city clerk, for one complete sewage-dryer sewage disposal plant capable of drying 60 tons per 24 hours of sludge cake from vacuum filters containing approx. 80% moisture to a product of approx. 12 tons containing not more than 10% moisture. Spec. obtainable from clerk.

WEED, Siskiyou Co., Cal.—W. J. Tobin 527 Santa Day Ave., Oakland, at \$24,640 awarded cont. by Shastina Sanitary Dist. to const. vit. pipe outfall and sewage disposal plant.

LODI, San Joaquin Co., Cal.—Bids are being received by city clerk for new sludge beds at sewage disposal plant. L. F. Barzellotti, city engineer

WATER WORKS

LOS ANGELES, Cal.—Until 3 P. M., May 15, bids will be rec. by water and power commission for wrought steel pipe under P. A. Adv. W-892, as follows: 35,000 ft. ½-in.; 60,000 ft. ¾-in.; 75,000 ft. 1-in. (1,635 lbs. per ft.); 10,000 ft. 1½-in. (2,731 lbs. per ft.); 10,000 ft. 2-in.; 1000 ft. 3-in. (50 lengths); 1000 ft. 4-in. (50 lengths); 40,000 ft. 1-in. (2,171 lbs. per ft.); 20,000 ft. 1½-in.; (3,631 lbs. per ft.)

GRIDLEY, Butte Co., Cal.—Pacific States C. I. Pipe Co., 111 Sutter St., San Francisco, at \$1,909.15 f. o. b. Gridley, awarded cont. by city to fur. 3,000 ft. 4 in., 350 ft. 6-in., and 350 ft. 2-in. class D bell and spigot c. i. pipe with fittings. Delivery in 30 days. Crane Co., San Francisco, bid \$1,855, delivery in 45 days. Contract was awarded on basis of early delivery.

SAN MATEO, San Mateo Co., Cal.—Bids are being received by E. W. Foster, city clerk, (to be opened probably May 21) to erect two new water tanks for irrigation system in city park. Plans on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Property owners in Continental street request city council to provide water mains to afford better fire protection. Roy Fowler will report on petition.

SANTA CRUZ, Santa Cruz Co., Cal.—Fairbanks-Morse & Co., Spear and Harrison Sts., San Francisco, at \$143,960 awarded cont. by city to fur. and install complete pumps and equipment at Crossing Street municipal pumping plant site. Bid provides for \$30,000 down payment and the balance in 60 monthly install-

ments. The bid of the company was \$152,960, allowing \$9,000 for present equipment at site. Other bids were: Nash Englehart Co., complete filtration plant as per specification of city eng. \$149,875, less \$500 for present equipment; California Filter Co., plant complete, \$147,500 allowing \$5500 for old equipment. Bids were also submitted by Water Works Supply Co., Westinghouse Electric Co., Byron-Jackson and Atlas Imperial Diesel Eng. Co. on certain parts of the equipment.

OCEANSIDE, Cal.—Until May 23, 7:30 P. M., bids will be rec. by John H. Landes, city clerk, to imp. Stewart St., Barnes St., Dixie St. etc., under A and I No. 1, involv. in the main: 6,385 cu. yds. excavation; 1,129 cu. yds. embankment; c. i. pipe water system includ. hydrants, etc. Plans obtainable from R. L. Loucks, city eng.

DELANO, Kern Co., Cal.—Sterling Pump Co., Stockton, at \$845 awarded cont. by city to fur. and install deep water well pump.

SANTA ROSA, Sonoma Co., Cal.—B. Nicoll and Co., Inc., Rialto Bldg., San Francisco, at \$3,925.89 awarded cont. by city to fur. 8,700 lin. ft. class B, bell and spigot water pipe together with fittings.

FORTUNA, Humboldt Co., Cal.—City votes bonds of \$30,000 to finance imps. to water system including duplication of present pumping plant; install additional water mains and hydrants, etc. Plans being prepared by F. A. McKee, engineer, Fortuna.

TERRA BELLA, Tulare Co., Cal.—Construction Equipment Agency, San Francisco, sub. low bid to Terra Bella Irrigation District at 26¢ ft. to fur. 3000 ft. 4-in. 16-gauge steel water pipe wrapped with soil-proof covering. Other bids were: Pacific Pipe Co., Los Angeles, 2¢ ft.; Santa Fe Pipe & Supply Co., 28.75¢ ft.; Standard Pipe & Supply Co., 29¢; Kelly Pipe & Machinery Co., 29.2¢ ft. All bids were rejected.

SACRAMENTO, Cal.—Latourette-Fical Co., 907 Front St., Sacramento, at \$799 awarded cont. by city to fur. and install deep well pump at Del Paso Park.

TACOMA, Wash.—Until May 14, 2 P. M. bids will be rec. by city to fur. and del. 7540 ft. 63-in. smooth bore steel or 66-in. riveted steel, 7010 ft. of 51-in. smooth bore steel of 54-in. riveted steel or fur. and lay. of 7540 ft. of 63-in. and 7010 ft. of 51-in. reinforced, centrifugally cast concrete pipe. Plans obtainable from city clerk on deposit of \$10, returnable.

MONO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. May 23 to grade 2.1-mi. bet. Dogtown and Point Ranch. Project involves: 14,500 cu. yds. rdwy. excav. without classification; 102,260 sta. yds. overhaul; 100 cu. yds. struct. excav. without classification; 538 lin. ft. 18-in. and 60 lin. ft. 24-in. corrug. metal pipe; 40 lin. ft. 12-in. perforated metal pipe under-drain; 100 lin. ft. 6-in. drain tile; 340 cu. yds. light riprap; 2.2 miles new property fence; 60 monuments. State will furnish corrug. metal pipe, drain tile and perforated metal pipe.

EUGENE, Ore.—Carl A. McClain, city water superintendent, preparing spec. for 16-in. and 8-in. water main connections. est. cost \$36,000

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

SAN JOAQUIN COUNTY, Cal.—City of Lodi, Cal., to imp. 1.6 mi. of Middle Two River Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalls and 15-in. corr. culvert. 1297 Rd. Dist. Act. Hearing April 10. R. P. Smith, engineer, Santa Rosa (County will pay \$6500 of total cost).

SAN JOAQUIN COUNTY, Cal.—City of Lodi, Cal., to imp. 1.6 mi. of Middle Two River Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalls and 15-in. corr. culvert. 1297 Rd. Dist. Act. Hearing April 10. R. P. Smith, engineer, Santa Rosa (County will pay \$6500 of total cost).

SAN JOAQUIN COUNTY, Cal.—City of Lodi, Cal., to imp. 1.6 mi. of Middle Two River Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalls and 15-in. corr. culvert. 1297 Rd. Dist. Act. Hearing April 10. R. P. Smith, engineer, Santa Rosa (County will pay \$6500 of total cost).

SEWERS AND STREET WORK

EUREKA, Humboldt Co., Cal.—W. S. Salvage, at \$281 yd. awarded cont. by county for crushed stone on Pickle Hill.

SANTA ROSA, Sonoma Co., Cal.—County declares inten. to imp. 1.6 mi. of Middle Two River Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalls and 15-in. corr. culvert. 1297 Rd. Dist. Act. Hearing April 10. R. P. Smith, engineer, Santa Rosa (County will pay \$6500 of total cost).

SACRAMENTO, Cal.—Until May 17, 5 P. M., bids will be rec. by H. G. Denton, city clerk, (2241) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asphalt conc. pave. with seal coat. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Samuel J. Hart, city engineer.

EUREKA, Humboldt Co., Cal.—Until May 21, 10 A. M., bids will be rec. by Fred M. Kay, county clerk, to resurface 3 sections of county road near Arcata, Rd. Dist. 5. Cert. check 5% req. with bid. Spec. on file in office of clerk.

WHITE PINE COUNTY, Nevada.—Until May 23, 2 P. M., bids will be rec. by State Highway Comm. to const. 16.85-mi. of highway bet. Keystone and Ely, involv. 8,890 cu. yds. excav., unclassified in place; 9.34 mi. prepare subgrade and shoulders; 11.17 mi. build shoulders; 5.34 mi. widen present gravel surface; 19,230 cu. yds. crushed rock or crushed gravel in place; 9 cu. yd. class B conc.; 402 lin. ft. install 18-in. corr. metal pipe; fur. watering equipment; 547 m. gal. apply water. State will fur. corr. metal pipe culverts, f. o. b. East Ely. S. C. Durkee, state highway eng.

MARIN COUNTY, Cal.—As previously reported, bids will be rec. May 23 by State Highway Comm. to grade and pave with cem. conc. 4.9-mi. in Marin county bet. Ignacio and Gallinas Creek. Project involv. 60,000 cu. yds. rdwy. excav., without classification; 1,125,000 sta. yds. overhaul; 3750 cu. yds. struct. excav., without classification; 11,000 cu. yds. class A cem. conc. (pave.); 750 cu. yds. class A cem. conc. (struct.); 15 cu. yds. class E cem. conc. (struct.); 732,500 lbs. bar reinf. steel in place (pave. and struct.); 14,700 sq. yds. reinf. steel in place (sew. and storm pave.); 162 lin. ft. 12-in., 190 lin. ft. 15-in., 154 lin. ft. 18-in., and 70 lin. ft. 24-in. corr. metal pipe; 3400 lin. ft. 6-in. dia. tile; 1000 tons broken stone (overlaid on existing base, Type 1); 750 tons crushed gravel or stone surf. (base course); 7600 tons oil treated crushed gravel or stone surf. plant mixed 500 cu. yd. removing and disposing of material from conc. (pave. and struct.) 38 cu. yd. detour roadbeds; 22 cu. yd. material to erect concrete headwalls; 28 cu. yd. concrete. State will fur. corr. metal pipe culverts for expansion joints in 2 sections and 13 iron frames and covers for drainage.

SACRAMENTO, Cal.—C. W. Wood, Builders Bldg., Stockton, at \$76,000 awarded cont. by county for approx. 1.6 mi. of highway on River road

MONTEREY, Monterey Co., Cal.—City Eng. Howard Severance completes spec. to imp. Pearl St. bet. Abrego and Camino El Estero; 6-in. conc. pave.; curbs; gutters; walks.

OAKLAND, Cal.—J. H. Fitzmaurice, 351 Hobart St., Oakland, awarded cont. by city to imp. portions of Ette St. and 25th St., involv. excavation, 1.45 cu. yd.; conc. curb with guard, 1.05 lin. ft.; gutter, 1.20 sq. ft.; vibrolithic conc. pave., 2.65 sq. ft.; cem. walks, 1.17 sq. ft.; 8x29-in. corr. iron and conc. culvert, 5.39 lin. ft.; 8x24-in. do., 5.25 lin. ft.; 10-in. vit. sewer without conc. cover, 1.95 lin. ft.; 10-in. do. with conc. cover, 2.75 lin. ft.; 10-in. conduit without conc. cover, 1.95 lin. ft.; 10-in. conduit with conc. cover, 2.75 lin. ft.; catchbasins, \$75 each; manholes, \$90 each; 12-in. lampholes, \$25 each; 10-in. lampholes, \$20 each.

CONTRA COSTA COUNTY, Cal.—State Highway Commission making surveys to widen highway leading to Oakland thru Pinole to relieve congestion in East Bay district.

YOLO COUNTY, Cal.—Until May 21, 2 P. M., bids will be rec. by State Highway Comm. to grade and oil treat rock borders constructed, 1.5-mi. long, bet. Yolo Causeway and 1 1/2-mi. east. See call for bids under official proposal section in this issue.

INYO COUNTY, Cal.—Until May 31, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with crushed gravel or stone oil treated, 8.5-mi. bet. Diaz Lake and Alabama Gate. See call for bids under official proposal section in this issue.

INYO COUNTY, Cal.—Until May 31, 2 P. M., bids will be rec. by State Highway Comm. to surface with oil treated crushed gravel or stone, 6.8-mi. bet. Tinnemaha Dam and Big Pine. See call for bids under official proposal section in this issue.

AMADOR COUNTY, Cal.—Following bids rec. May 3 by R. E. Pierce, Division Engineer, State Highway Commission, to grade 1.35 m. in Amador county, east of Jackson:

B. E. Fennell, Sacramento	\$6593
G. C. Contoules, San Francisco	7160
B. E. Fennell, Sacramento	—

LOS ANGELES, Cal.—City defeats proposal to issue bonds of \$6,000,000 to finance purchase of sites and equip three airports.

SACRAMENTO, Cal.—Until May 17, 5 P. M., bids will be rec. by H. G. Denton, city clerk, (2241) to imp. 39th St., bet. Y St. and First Ave., involv. conc. curb, gutter; c. i. drains; vit. sewers; conc. manhole; grade; asphalt conc. pave. with seal coat. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Samuel J. Hart, city engineer.

OAKLAND, Cal.—City Eng. Geo. N. Randle has completed plans for \$150,000 high pressure storm sewer to abate Grand Ave. floods. Will be constructed from Piedmont city limits to Lake Merritt.

SACRAMENTO, Cal.—Until May 17, 5 P. M., bids will be rec. by H. G. Denton, city clerk, (2239) to const. cem. conc. walks in G St., bet. 42nd and 45th Sts. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Samuel J. Hart, city engineer.

EL DORADO COUNTY, Cal.—Harold Smith, St. Helena, at \$16,030 awarded cont. by State Highway Commission for 6.2 mi. crushed gravel or stone surfacing (to be produced and stockpiled) bet. Fresh Pond and 3 1/2 mi. east of River-ton.

SAN MATEO COUNTY, Cal.—C. W. Wood, Builders Bldg., Stockton, at \$132,370 (eng. est. \$169,032) awarded cont. by State Highway Comm. for 2.0 mi. grade and pave with crushed stone bet. Broadway and Fifth Ave.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, awarded cont. by county to resurface 5800-ft. of highway on Eureka-Freshwater road beyond Garfield; \$2.42 per lin. ft. or \$19,386 for Warrenite pave., 18-ft. wide. Extra width 2-in. thick for 16 1/2 sq. ft. and 4-in. thick 256 sq. ft.

SANTA ROSA, Sonoma Co., Cal.—Clark and Hinery Const. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. Cleveland Ave. bet. Carrillo St. and 16th St., involv. grade, 4-in. macadam base, with 3-in. asphalt conc. surf. laid in one course; hyd. conc. curbs and gutters.

SAN LUIS OBISPO, Cal.—Until May 21, 2:30 P. M., bids will be rec. by J. G. Driscoll, county clerk, to imp. streets in the Town of Pismo, including Pomeroy Ave., Cypress St., Ocean View Ave., and other streets, involv. 5-in. concrete pavement, curbs, gutters, walks, 6-in. vitrified sewers, Marbelite lighting posts, cast iron water mains. Cert. check 10% payable to county req. with bid. S. G. Whitteley, engineer. Plans on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$7,969 awarded cont. by city to imp. Esplanade from Pacific Ave. to Main St., and approach to Municipal wharf, involv. 37,400 sq. ft. grading to sub-grade; 27,400 sq. ft. 5-in. conc. pave.; 9450 sq. ft. grading sidewalk space and surface with 4-in. vit. screenings; 980 lin. ft. cem. curb; 100 lin. ft. 4-in. vit. clay pipe sewer laterals; 745 lin. ft. 8-in. vit. clay pipe sewer; 4 san. sewer br. manholes; 2 No. 3 conc. catchbasins; 30 lin. ft. 12-in. conc. drain pipe.

SAN JOSE, Santa Clara Co., Cal.—J. F. Collins, Commercial & Savings Bank Bldg., Stockton at \$82,729.23 awarded cont. by county to imp. portion of Congress Springs road bet. long bridge and the summit in Sup. Dist. No. 5, involv. heavy grading; 155,474 cu. yds. excavation, unclassified; corr. culverts; (approx. 2-mi. in length). Other bids were: W. A. Donatville, Salinas, \$91,726; Pacific Const. Co., \$91,838; H. V. Tucker Co., \$94,860; J. P. Holland, San Francisco, \$97,007; Marsh Bros. & Gardiner, Inc., \$102,007; C. T. Malcom, \$102,058; A. J. & J. L. Fairbanks, Inc., So. San Francisco, \$102,913; D. S. Clinton, \$103,180; S. H. Palmer Co., \$106,159; Kaiser Paving, Oakland, \$107,222; Granfield, Farrar and Carlin, \$113,701; Nighbert & Carnehan, Bakersfield, \$114,044; T. E. Connolly, San Francisco, \$121,719; Engineer's estimate, \$97,699.

HANFORD, Kings Co., Cal.—Valley Paving and Construction Co., Visalia, at \$26,802.15 awarded cont. by county to const. Highway No. 3, Division 1-A, 18,480 lin. ft., involv. grade for shoulder work and headerboards; 945 tons asphalt conc. base material; 5005 tons asphalt conc. top.

California Construction Co., Standard Oil Bldg., San Francisco, at \$57,695.35 awarded cont. to const. Highway No. 1, Division No. 6, 29,040 lin. ft. grading for shoulder work and headerboard; 2,227 tons asphalt conc. base material; 7,865 tons asphalt conc. top.

Bids for both units combined follow: California Construction Co., San Francisco, \$94,302.50; Valley Paving and Construction Co., Visalia, \$94,976.98; A. Telchert and Sons, Sacramento, \$97,831.20; Hanrahan Co., San Francisco, \$100,141.30; Union Paving Co., San Francisco, \$105,280.80; J. E. Johnston, Stockton, \$112,156.95; California Road and Street Imp. Co., Fresno, \$38,802.15.

MERCED, Merced Co., Cal.—Valley Paving and Const. Co., Visalia, at approx. \$27,700 awarded cont. by city to grade; asphalt conc. pave. and some Willite pavement; hyd. conc. curbs and gutters in portions of 16th St., M St., and certain streets intersections.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 23, 3 P. M., bids will be rec. by H. E. Miller, county clerk, to grade second section of Branciforte Drive, involv. 17,000 cu. yds. Plans obtainable from County Surveyor Lloyd Bowman.

SAN LUIS OBISPO, Cal.—Irving M. Ryder, San Carlos and Dupont Sts., San Jose, at \$113,503.02 awarded cont. by county to pave 5 1/2-mi. from Pismo Beach to Oceano, involv. 562,450 sq. ft. sub-grade; 399,320 sq. ft. 2 1/2-in. asphalt conc. base, 1 1/2-in. Warrenite-Bit. surface; corr. iron culverts, etc. Other bids: Warren Const. Co., \$129,697; Geo. R. Curtis Paving Co., \$132,857; Calif. Const. Co., \$134,740; Calif. Road and St. Imp. Co., \$134,872; Thompson Bros., \$136,393; Hall-Johnson Co., \$139,578; Mercer-Fraser Co., \$140,927; Union Paving Co., \$144,992.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 21, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (413-C) to const. vit. clay pipe main san. sewer way branches and brick manholes in National St. bet. Bay St. and Pelton Ave. 1911 Act, Bond Act 1915. Cert. check 10 per cent payable to city req. with bid. Plans on file in office of clerk. Roy Fowler, city eng.

CALIFORNIA.—Grunwald and Tudor, Inc., 1250 West 5th St., Los Angeles, at \$105,694.56 sub. low bid to Dist. Eng. U. S. Bur. Public Roads, to const. 2.65-mi. of Sec. D, Route 1, Sequoia Nat'l Park Highway system in Sequoia Nat'l Park, involv. 18.80 ac. clearing; 66,500 cu. yds. unclassified excavation; 615 cu. yds. excavation, unclassified for structures; 22,496 sta. yds. overhaul; 2.65-mi. finish earth graded roads; 386 cu. yds. Class A conc.; 37,400 lbs. reinf. steel; 236 cu. yds. cement rubble masonry; 1,508 lin. ft. 18-in. C. M. P. haul and place; 60 lin. ft. 24-in. C. M. P. haul and place; 17 sq. yds. rock facings for arch rings. Other bids: A. J. and J. L. Fairbanks, South San Francisco, \$115,962.80; T. E. Connolly, San Francisco, \$117,789.16. Eng. est. \$107,962. Referred to Washington, D. C., for report.

SANTA ROSA, Sonoma Co., Cal.—Clark and Henery Const. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. Nason St. bet. Orchard and King Sts., involv. grade; 4-in. macadam base with 3-in. asph. conc. pave. laid in one course; hyd. conc. curbs and gutters.

WHITE PINE COUNTY, Nevada.—Until May 23, 2 P. M., bids will be rec. by S. C. Durkee, state highway eng., Heroes Memorial Bldg., Carson City, to const. 16.85 mi. of highway in White Pine county bet. Keystone and McGill, involv. grade; structures and crushed gravel surface. Plans on file in office of U. S. Bur. Pub. Rds., 461 Market St., San Francisco, and obtainable from eng. on deposit of \$15 of which \$10 is returnable.

SAN RAFAEL, Marin Co., Cal.—County sells \$220,000 highway bond issue of 1925 for premium of \$11,089. Of the total bond issue, \$1,250,000, voted in 1925, \$300,000 now remain unsold. These will be sold next year and will finance paving of White's Hill-Point Reyes Rd. Rodney Messner is county surveyor.

REDWOOD CITY, San Mateo Co., Cal.—Stansburg Construction Co., San Bruno, at \$13,443 awarded cont. by county to grade; const. culverts, drain tile and rock macadam base pavement on relocation of Route 2, Div. 3, San Mateo county highways near San Gregorio, all in 5th Township.

PLACER COUNTY, Cal.—State Highway Commission will shortly ask bids to const. highway grade crossing separation at Magra and Weimar crossing in Placer county. Southern Pacific R. R. will pay portion of cost.

LOS ANGELES, Cal.—deWaard & Son, Western Mutual Life Bldg., Los Angeles, at \$102,945 sub. low bid to Board Public Works to const. Myra Ave. and Sunset Blvd. grade separation.

PLUMAS COUNTY, Cal.—Chas. Harlowe, Jr., 378 Belmont St., Oakland, at \$101,694.70 sub. low bid to State Highway Comm. May 9 to grade and surface with crushed gravel or stone, 6.2-mi. from west boundary to 2½-mi. SW of Chester. Eng. est. \$106,905.20. Other bids were: Nate Lovelace, Visalia, \$108,466; Holdener Construction Co., Sacramento, \$118,283; Kaiser Paving Co., Oakland, \$120,838; C. T. Malcom, Walnut Creek, \$133,428.

May 9, 1928
SAN RAFAEL, Marin Co., Cal.—Proceedings will be started at once to imp. east side of Tamalpais Ave., bet. 3rd St. and Mission Ave., involv. grade; 3-in. asph. conc. pave.; hyd. conc. curbs, gutters; culverts, etc. 1911 Act.

CLAREMONT, Cal.—Griffith Co., L. A. Railway Bldg., Los Angeles, at \$107,085 awarded cont. by city to imp. Yale Ave. bet. Mesa Ave. and 5th St., involv. grade; Durite asph. conc. pave.; culverts, etc.

Griffith Co. at \$23,644 awarded cont. to imp. Meca Ave., bet. Indian Hill Blvd. and Harvard Ave., involv. grade; asph. conc. curbs, gutters, etc.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (416-C) to imp. portion of Second St., involv. 5-in. cem. conc. pave.; conc. curbs, walks; vit. pipe main san. sewer; br. manholes; vit. clay pipe sewer laterals; wrought iron water service connections; catchbasins, etc. 1911 Act, Bond Act 1915. Protests May 28. S. A. Evans, city clerk. Roy Fowler, city engineer.

MARTINEZ, Contra Costa Co., Cal.—City declares inten. (140-B) to sewer E St., bet. Alhambra Ave. and east city limits, involv. 6-in. vit. pipe; br. manholes; lampholes; house connections. 1911 Ave. Protests June 6. R. B. Johnson, city clerk.

SAN FRANCISCO.—Until May 16, 3 P. M., bids will be rec. by Board of Public Works to imp.:

49th Ave., bet. Judah and Kirkham; 21st Ave., bet. Santiago and Taraval Sts.; 44th Ave., bet. Geary and Anza Sts.; Hugo St., bet. First and Second Aves.; Cabrillo St., bet. 18th and 19th Aves. and bet. 19th and 20th Aves.; 23rd Ave., bet. Judah and Kirkham Sts., involv. art. stone walks.

Cabrillo St., bet. 36th and 37th Aves.; Anza St., bet. 36th and 37th Aves.; west ½ of Stanyan St., bet. McAllister and Turk Sts. and south ½ of Monterey Blvd., bet. Northgate Dr. and Faxon Ave., involv. const. of art. stone walks. Cert. check 10% payable to Clerk of Bd. of Sups. req. with bid. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SACRAMENTO, Cal.—Clark & Henery Const. Co., Chancery Bldg., San Francisco, at \$5742 awarded cont. by city to imp. south ½ of 12th Ave. bet. Freeport Blvd. and 23rd St.

SACRAMENTO, Cal.—Clark & Henery Const. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. portions of O St., Pico Way, Pala Way, etc., involv. conc. curb, gutter and walks; c. i. drains; vit. sewers; reconst. manholes; install street lighting system.

SALINAS, Monterey Co., Cal.—Until May 21, 7:30 P. M., bids will be rec. by M. R. Keef, city clerk, (69) to imp. Natividad St., bet. Market St. and S. P. depot, involv. grade and re-shape present waterbound macadam; const. hyd. conc. curbs, gutters; 2½-in. asph. macadam pave. 1911 Act, Bond Act 1915. Bids rec. for this work May 6 were rejected as being too high. Bids were: W. A. Dontanville, Salinas, \$3887; Granite Constr. Co., Watsonville, \$4033. Eng. est. \$3715. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Howard Cozzens, city engineer.

SALINAS, Monterey Co., Cal.—City council has adopted report of city planning commission to extend and open Sts., the work to be undertaken as expedient: Extend Capitol St. to Geil; widen Acacia St.; widen southern part of California St.; extend Harvest St. to Abbott; extend Pajaro from Lake to North Main; extend West to Market; cut point off corner West San Luis and South Main; extend Front St. from Summer to John; link Villa St. and Homestead Ave. to Geil St. and Lang. Howard Cozzens, city engineer.

NORTH SACRAMENTO, Sacramento Co., Cal.—Until May 22, 5 P. M., bids will be rec. by W. O. Irwin, city clerk, to imp. Rio Linda Blvd., bet. Del Paso Blvd. and El Camino Ave., involv. grade; 5-in. asph. conc. pave.; curbs, gutters; corr. iron culverts, etc. 1911 Act, Bond Act 1915. Cert. check 10% req. with bid. Spec. on file in office of clerk.

BURLINGAME, San Mateo Co., Cal.—Union Paving Co., Call Bldg., San Francisco, at \$19,459.80 awarded cont. by city to imp. California Ave., bet. North Lane and Oak Grove Ave., involv. 1300 cu. yds. excavation; remove 27 trees; remove 675 sq. ft. conc. pave.; const. 22,760 sq. ft. conc. pave.; 700 tons asph. conc. surface; 370 tons asph. conc. pave.; 10240 sq. ft. conc. gutter; 1794 lin. ft. conc. curb; 1736 lin. ft. 12-in. conc. sewer; 14 catchbasins; 3000 sq. ft. repair concrete base. Other bids: Western Paving Co., \$19,825.78; Hanrahan Co., \$20,407.10; A. G. Raisch Co., \$22,414.12; Peninsula Paving Co., \$23,101.30.

SHASTA COUNTY, Cal.—State Highway Commission rejects bids rec. April 11 to grade and surface with crushed gravel or stone, 5.8-mi. in Shasta county bet. Shotgun Creek and Conant. Kern and Kilbee, 290 East Salmon St., Portland, Ore., low bidders at \$273,065, (eng. est. \$259,909).

BURLINGAME, San Mateo Co., Cal.—City plans to resurface Lorton Ave., bet. Burlingame and Bellevue Aves., involv. 300 tons asphalt; est. cost \$2700.

SAN FRANCISCO.—Until May 16, 3 P. M., bids will be rec. by Board of Public Works to imp.:

Chestnut St., bet. Grant Ave. and Stockton St., involv. const. of art. stone walks.

Salmon St., bet. Pacific Ave. and Broadway involv. art. stone walks. Cert. check 10% payable to Clerk of Bd. of Sups. req. with bid. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese making survey for 5 mi. of road from Skyline Blvd. through Redwood Estates properties to connect with road leading into county memorial park and the Pescadero Road. Est. cost, \$15,000 to \$20,000. Property owners will share portion of cost.

PETALUMA, Sonoma Co., Cal.—City Eng. Gonzales estimates cost of sewer in North Olive and Ninth Sts., at \$1,757.30.

LODI, San Joaquin Co., Cal.—Ed. Spiekerman, Lodi, at \$440.50 awarded cont. by city to fur. 2400 ft. sewer pipe with 50 wyes. Other bids: J. C. Muddox Co., Sacramento, \$455; N. Clark & Sons, San Francisco, \$475; Gladding, McBean & Co., San Francisco, \$481.

CALIFORNIA.—Grunwald and Tudor, Inc., 1250 West 5th St., Los Angeles, at \$64,701.81 sub. low bid to U. S. Bureau Public Roads, San Francisco, to const. 2.29-mi. of highway in Sequoia Nat'l Park, Sect. C, Route 1, involv. 16.95-ac. clearing; 231 cu. yds. excavation, unclassified for structures; 5171 sta. yds. overhaul; 2.29-mi. finish earth graded road; 30 cu. yds. cement rubble masonry; 1072 lin. ft. 18-in. C. M. P. haul and place. Other bids: T. E. Connolly, San Francisco, \$65,517.48; A. J. and J. L. Fairbanks, South San Francisco, \$72,833.08; Keller and Gist, Inc., Los Angeles, \$94,866.27. Eng. est. \$61,911.38. Bids referred to Washington, D. C., for report.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1433) to imp. Beaver St. bet. Howard St. and Spencer Ave., involv. grade; reconst. waterbound macadam base to form 4-in. foundation; 3-in. asph. conc. surface pave. laid in one course. 1911 Act, Bond Act 1915. Protests June 5. C. B. Reid, city clerk. Arthur P. Noyes, city eng.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (1435) to imp. King St. bet. Howard St. and Spencer Ave., involv. grade; reconst. existing waterbound macadam pave. to form 4-in. base and surface with 3-in. asph. conc. laid in one course. 1911 Act, Bond Act 1915. Protests June 5. C. B. Reid, city clerk. Arthur P. Noyes, city eng.

SAN FRANCISCO.—Board of Public Works petitioned to extend Islais Creek sewer to connect with lands in reclamation district north of Oakdale Ave.

SAN MATEO-SANTA CRUZ COUNTIES, Cal.—Tri-county district of San Francisco, San Mateo and Santa Cruz counties to finance const. of Ocean Shore highway from San Francisco to Santa Cruz will be organized at once, all counties having agreed to finance its portion of cost which is estimated at \$5,300,000. San Francisco county to pay 55%; San Mateo county 30%, and Santa Cruz county 15%. M. M. O'Shaughnessy is city engineer of San Francisco; Geo. A. Kneese, county surveyor of San Mateo county, and Lloyd Bowman, county surveyor of Santa Cruz county.

OKLAND, Cal.—Frank Salamid, 5250 Manila St., Oakland, awarded cont. by city to imp. East 26th St. Way bet. 14th Ave. and Wallace St., involv. conc. steps with curbing, \$6.40 lin. ft.; conc. walk with curb, \$2.50 lin. ft.; conc. walk, \$2.50 sq. ft.

EL PASO, Cal.—R. A. Williams, 1926 N. Garden Place, El Paso, at \$20,000 to const. a 10-in. pipe, connecting tower with L. A. Angeles. H. H.

SAN ANTONIO, Tex.—C. J. Clark and H. B. East, 401 Chimerity Bldg., San Antonio, awarded cont. by city to const. a 10-in. pipe, to const. existing pipe to 10-in. pipe, waterbound material, base and surface with 5-in. asphalt and in one course.

EUREKA, Calif.—H. H. H. Co., Cal.—Bids will be asked at once by county to pave three sections of road near Arcata, including road from Arcata to Samoa, another from Alliance to connect with Blue Lake road, and a third from Arcata into lands to Roberts Ranch on county line from Arcata to Eureka.

OCEANSIDE, Cal.—Until 7:30 P. M., May 23 bids will be rec. to imp. Stewart St., Barnes St., Dixie St., Matson St., and other streets, involving grading, reinf. concrete, headwalls, reinf. corner, drop basins, gully, corrugated iron pipe culverts, gate valves, C. I. water mains, etc.; A. & I. No. 1. John H. Landes, City Clerk. R. L. Loucks, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Glad-ding, McBean and Co., 660 Market St., San Francisco, at \$1,887.30 awarded cont. by city to fur. 1200 lin. ft. 4-in., 700 lin. ft. 6-in., 2400 lin. ft. 8-in., 2000 lin. ft. 10-in. salt glazed vit. ironstone sewer pipe, together with wye branches.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked shortly by Board of Education to pave one block in Harding Way, opposite high school.

MARTINEZ, Contra Costa Co., Cal.—Proceedings will be started shortly by city to imp. Alhambra Ave., streets west of Alhambra, Escobar St. and Christian Brothers tract.

MONTEREY, Monterey Co., Cal.—City declares inten. (2712) to imp. portions of Pearl St., involve grade; 6-in. cem. conc. pave; conc. curbs, walks; 5 catchbasins. 1911 Act. 1915 Bond Act. Protests May 22. Clyde A. Dorsey, city clerk. H. D. Severance, city engineer.

OAKLAND, Cal.—Until May 17, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of 60th Ave., involve grade; pave; curbs; walks; culvert. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Handie, city engineer.

PHOENIX, Ariz.—V. R. Dennis Constr. Co., 3843 Park Blvd., San Diego, sub. low bid (based on asph. conc. pave.) to State Highway Comm. at \$127,717.13 to const. Prescott-Jerome highway, Federal Aid Project No. 36-A Reopened, consisting of approximately 4.4 miles of paving and incidental roadway grading.

LARKSPER, Marin Co., Cal.—Until May 16, 8 P. M., bids will be received by Mary L. Courtright, town clerk (JJ-280) to imp. Estelle Ave. in Murray Tract, bet. Magnolia Ave. and south city limits, etc., involve grade; 4-in. asph. conc. pave; conc. curb and gutter; conc. and catchbasins; corrug. iron culverts; live conc. headwalls. 1911 Act. Bond Act 1915. Cert. check 10% payable to town req. with bid. Spec. on file in office of clerk.

LIVERMORE, Alameda Co., Cal.—Until May 21, 8 P. M., bids will be rec. by Elmer G. Still, town clerk, to oil South Livermore Ave. and South H St. Cert. check 10% payable to city clerk req. with bid. L. E. Wright, town eng. Plans on file in office of clerk.

PORTERVILLE, Tulare Co., Cal.—N. M. Ball, Porterville, at \$963.56 awarded cont. by city to imp. East Bellevue Ave., bet. Sunnyside Ave. and Second St. and unpaved portions of intersections of East Bellevue and Sunnyside Aves., involve grade, corr. conc. curb, part curb, corr. iron culverts, 5-in. hyd. cem. conc. pave. Other bidders: Valley Paving & Const. Co., Visalia, \$10,628.38; H. C. Whitty, Sanger, \$12,109.12.

SANTA CLARA COUNTY, Cal.—State Highway Commission will ask bids shortly to const. a highway grade separation on Monterey road below San Jose. Southern Pacific R. Co. will pay portion of cost.

OLYMPIA, Wash.—United Construction Co., Portland, Ore., at \$112,417 awarded cont. by State Highway Comm. to p. with conc. 5.5-in. of state road No. 2, end of pavement to Orondo, Sect. 1, Federal Aid project No. 136-a in Douglas county. Wilbarn and Stone, Seattle, at \$79,298 awarded cont. for clearing, grading, draining and surface with crushed rock 5.3-in. of state road, No. 2, Miller road to Redmond in King county.

PORTERVILLE, Tuare Co., Cal.—N. M. Ball, Porterville, at \$10,179.11 awarded cont. by city to imp. Doris Ave., bet. 2nd St. and unpaved portions of Sunnyside Ave., involve grade, remove existing curb, const. cem. conc. curb, corr. iron part circle culverts, 5-in. hyd. conc. pave. Other bidders: Valley Paving & Const. Co., Visalia, \$11,770.33; H. C. Whitty, Sanger, \$14,129.85.

GLENN COUNTY, Cal.—C. W. Wood, Builders' Bldg., Stockton, at \$36,691 (eng. est. \$34,824) sub. low bid to State Highway Comm. May 9 to grade and pave with Portland cem. conc. 1.1-mil. through Orland. M. Bevanda, Stockton, only other bidder.

MONTEREY COUNTY, Calif.—State Highway Commission will shortly ask bids to const. highway grade separation at Spence and Sargeant crossings in Monterey county. Southern Pacific railroad will pay portion of cost.

MARTINEZ, Contra Costa Co., Cal.—M. J. Bevanda, Stockton Savings & Loan Bldg., Stockton, at \$11,260 awarded cont.

by county for road imps. in the vicinity of Pittsburg, involve 2,358 tons rock; 153 tons asph. conc. Hutchinson Co., Oakland, only other bidder at \$11,307.

WROUGHT IRON MANUFACTURERS FORM ASSOCIATION

Representatives of the leading manufacturers of wrought iron in various parts of the country formed on April 5, the Wrought Iron Research Association, the principal object of which is to gather and disseminate information about wrought iron. The headquarters of the association will be in Pittsburgh, Pa.

The origin of the association is based upon the belief that the wrought iron industry has long suffered for lack of knowledge on the part of the public about the characteristics of wrought iron, especially for those uses where a high degree of resistance to corrosion and vibration are necessary, and where a high welding quality is desired. The association believes that the public at large does not realize that it is possible today to purchase genuine wrought iron of exactly the same enduring quality as that which has been in use for over 150 years. It is the association's plan to inform the public of such facts as this, and to point out the applications where wrought iron can be used advantageously. Snowden Samuel of the American Swedo Iron Company, Philadelphia, is secretary-treasurer of the association.

MEDUSA

White Portland Cement

(WATERPROOFED)

ONE of the real beauties about Medusa White Portland Cement is the fact that it is the perfect base for color stucco work. Colored aggregates or mineral oxides can be used. The Medusa White Stucco home in a properly-landscaped setting is a picture that grows more beautiful through the years—a lasting tribute to you, its builder.

THE SANDUSKY CEMENT COMPANY

ENGINEERS' BUILDING CLEVELAND, OHIO

Manufacturers of Medusa White Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa Gray Portland Cement (Plain and Waterproofed); and Medusa Cement Paint.

Secure MEDUSA From Your Building Material Dealer

GEORGE L. BROWN
Pacific Coast
Representative



Builders' Exchange
Box 82

Official Proposals

NOTICE TO BIDDERS

(Grading—Elmhurst Jr. High School Site
Oakland)

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District and Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 22nd day of May, 1928, at 10:30 A. M., at which time and place said bids will be opened for Grading at Elmhurst Jr. High School.

Bids to be accompanied by a certified check for at least 10 per cent of the amount of the bid or proposal.

These bids shall be presented in accordance with the specifications on file in the office of the Assistant Business Manager, City Hall, Oakland.

Price, fitness and quality being equal, preference will be given to the products of the State of California.

Persons or firms desiring to be on the mailing list of the Oakland Board of Education may list themselves with the Purchasing Department.

JOHN W. EDGEMOND,

Secretary of the Board of Education of Oakland, California.

(D)

NOTICE TO CONTRACTORS

(Dressing Rooms and Toilet Rooms,
Fresno)

Pursuant to an order of the Board of Education of the Fresno City High School District and, or, City of Fresno School District, County of Fresno, California, duly made and entered in their minutes this 26th day of April, 1928, public notice is hereby given that the said Boards will receive up to 5 o'clock P. M. on the 24th day of May, 1928, at the office of the said Boards in the Hawthorne School Building, 2425 Fresno street, Fresno, California sealed proposals for the construction under General Contract, Specifications A-1 to A-14, for the following:

(a) Shower and Dressing Rooms, Theodore Roosevelt High School.

(b) Toilet Building, Kirk Elementary School, as per plans and specifications prepared by James Arnot, Architect, Fresno City Schools.

Reference is hereby made to "General Information to Bidders' Building Form No. 6 for further particulars regarding all bids.

Plans and specifications together with forms of submitting all bids and further details regarding any and all bids may be obtained from the undersigned Secretary of said Boards of Education at the office of said Boards above designated.

A bidder's surety bond or certified check equal to at least 10 per cent of the amount of the bid submitted must accompany each proposal.

The Boards reserve the right to reject any and all bids.

By order Board of Education, Fresno City High School District and or City of Fresno School District.

L. L. SMITH, Secretary.

(D)

NOTICE TO CONTRACTORS

(McClymonds High School Gymnasium—
Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 22nd day of May, 1928, at 10:45 A. M., at which time said bids will be opened for the erection and completion of the McClymonds High School Gymnasium of the Oakland High School District, located on the North side of 28th Street, between Filbert and Linden Streets in the City of Oakland, County of Alameda, State of California. These

bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 Seventeenth St., Oakland, California.

Separate bids will be taken on:

- (1) General Work.
- (2) Finish Hardware.
- (3) Mastipave Flooring.

On deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District, as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland, and of Oakland High School District, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 22nd day of May, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

(D)

NOTICE TO CONTRACTORS

(Seats — Veterans' Memorial Building—
Oakland)

Office of the Clerk of the Board of Supervisors, Alameda County, California
Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, California, at his office, Monday, the 28th day of May, 1928, at ten thirty o'clock A. M. (the day when said bids will be opened and the contract awarded) for furnishing and installing certain seats in Lodge Rooms of

Veterans' Memorial Building at Adams Park, Oakland, California.

Plans and specifications for said work are on file in the office of the County Clerk of Alameda County, in the Hall of Records Building in the City of Oakland, County of Alameda, State of California, where copies may be obtained in the following manner, viz:

Contractors may secure complete copies of the specifications by depositing with the County Clerk the sum of Twenty-five (\$25.00) Dollars.

Contractors will be required to return copies of the specifications in good condition to the office of the County Clerk of Alameda County, California, not later than the day upon which bids are to be opened for the above specified equipment.

Deposits of contractors failing to return said specifications on or before the date of opening of bids, will immediately become forfeited to the County of Alameda.

Each bids must be accompanied by a certified check of a bank of the State of California, or a National Bank doing business in the State of California, for a sum equal to ten (10%) per cent of the total amount bid made payable to George E. Gross, Clerk of the Board of Supervisors of Alameda County, to be forfeited to the County as agreed and liquidated damages should the party or parties to whom the contract shall be awarded, fail to enter into the contract after the award, or to give the bonds required by law and by said specifications. The Board of Supervisors reserves the right to reject any and all bids.

GEO. E. GROSS,
County Clerk and ex-Officio Clerk of the Board of Supervisors.
Dated: May 7, 1928.

(D)

NOTICE TO CONTRACTORS

(Mud Fill—San Rafael)

Bids will be received by the Board of Education, City of San Rafael, for approximately 80,000 cubic yards of mud fill to be deposited on the grounds of the San Rafael High School on or after July 1, 1928, in accordance with specifications on file with the secretary of the board.

All bids must be entered on or before 8:30 P. M., May 17, 1928, at the office of the secretary, San Rafael High School Building, San Rafael, Calif.

OLIVER R. HARTZELL,
Secretary.

(D)

NOTICE TO HEATING CONTRACTORS

(Heating Systems, Fresno, Calif.)

Pursuant to an order of the Board of Education of the City of Fresno School Dist. duly made and entered in its minutes this 26th day of April, 1928, public notice is hereby given that the said Boards will receive up to 5 o'clock P. M. on the 24th day of May, 1928, at the office of the said Boards in the Hawthorne School Building, 2425 Fresno street, Fresno, California sealed proposals for the furnishing and installing of Automatic Heat Control Systems, as follows:

(a) L. A. Winchell Elementary School:
11 Room Thermostats,
13 Syphon Radiator Valves, and a 3x3 Double Cylinder Electric Air Compressor with Automatic Governor Switch and necessary air tank.

(b) John Burroughs Elementary School.
10 Room Thermostats.

11 Syphon Radiator Valves and a 2x3 Double Cylinder Electric Air Compressor with Automatic Governor Switch and necessary air tank,

as per plans and specifications.
Reference is hereby made to "General Information to Bidders' Building Form No. 6 for further particulars regarding all bids.

Plans and specifications together with forms of submitting all bids and further details regarding any and all bids may be obtained from the undersigned Secretary of said Board of Education at the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

the Board and above designated.
 A bidder is hereby notified and certified that the sum of ten per cent of the amount of the bid submitted must accompany each proposal.
 The Board reserves the right to reject any and all bids.
 By order of the Board of Education City of Los Angeles, 1928.
 L. L. SMITH, Secretary

NOTICE TO BIDDERS

(Tractor—Reno, Nevada)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 29th day of April, 1928, sealed bids and proposals will be received by the County Clerk of Washoe County, City of Reno, County of Washoe, State of Nevada, not later than 10:00 o'clock A. M., Wednesday, the 23rd day of May, 1928, for the following, to-wit:
 One tractor of caterpillar type, not to exceed the value of \$2650.
 Also one road maintainer or a light tractor.

Said Board of County Commissioners reserve the right to reject any or all bids and accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
 Clerk of the Board of County Commissioners.

37

NOTICE INVITING BIDS

Ward Buildings—Sonoma County Hospital

Office of the Clerk of the Board of Supervisors, Sonoma County, California, April 25th, 1928.

Sealed bids will be received by the Clerk of the Board of Supervisors of Sonoma County, California, at his office until 12 o'clock P. M., May 15th, 1928, and will be publicly opened and read at 1:30 P. M. for the construction of Three Frame Buildings for County Hospital, in Third Supervisorial District, in Sonoma County.

Specifications for this work are on file in the office of the Clerk of the Board of Supervisors, which bidders are hereby referred to.

Total estimated cost \$11,000.

W. S. COULTER,
 Clerk of the Board of Supervisors.

NOTICE INVITING SUBMISSION OF PLANS AND SPECIFICATIONS FOR AN ELECTRIC WIRING SYSTEM, ETC., IN THE CITY OF SANTA CRUZ

Notice is hereby given that the Council of the City of Santa Cruz invites,

The submission to the City Council of plans and specifications for an electric wiring system adequate to, and designed to supply all of the street lights and lighting of city buildings and public places now lighted in the City of Santa Cruz, and with extension adequate to supply an additional 1000 lights of 250 candle power each, to be distributed throughout the City and located at points designated on the map of the City of Santa Cruz, on file in the office of the City Engineer, also a Diesel engine electric plant to be constructed on lands belonging to the City of Santa Cruz, at or near the City Sewage pumping plant, with a capacity to generate electricity to supply all of the lights herein mentioned. And plan submitted shall be accompanied by an estimate of the cost per kilowatt hour for supplying electricity for said lights and also a plan of financing the installation of the plant and system out of the proceeds to be derived from said power plant and wire system.

Any plan not designed to supply electricity for the lighting of the aforesaid lights at a rate not to exceed one and one-half (1 1/2) cents per kilowatt hour, need not be submitted and will not be considered by the Council.

Sealed plans, specifications and estimate will be received at the office of the City Clerk of the City Hall, Church Street, in the City of Santa Cruz, on or before 9 o'clock in the forenoon of Monday, the 14th day of May, 1928. Same will be opened and read at 9:30 o'clock in the forenoon of the next day.

Dated May 9th, 1928.

S. A. EVANS,
 City Clerk.

NOTICE TO CONTRACTORS

(Pump—Antioch, Calif.)

Notice is hereby given that sealed bids will be received by the Town Clerk of the Town of Antioch, Contra Costa County, State of California, at his office in the City Hall until 8 o'clock P. M. on Monday, May 14th, 1928, for the furnishing of all material and labor for the installation of a Centrifugal Pumping unit at the Municipal Pumping Station of the Town of Antioch.

Plans and specifications for the work are on file in the office of the Town Clerk and the Town Engineer of said Town of Antioch to which bidders are hereby referred.

Bids shall be marked "Bids on Pumping Unit."

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in the sum equal to ten per cent of the amount bid on whole contract, conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract and furnish such bonds as may be required by said Board of Trustees, within ten days after notice of award, or failing to do so, the amount of such deposit or certified check to be forfeited as liquidated damages for such failure.

All checks to be made payable to the Town Clerk of the Town of Antioch, Contra Costa County.

Said Board of Trustees reserves the right to reject any or all bids and waive any informality in any bids received.

By order of the Board of Trustees of the Town of Antioch, Contra Costa County, State of California.

Dated April 30th, 1928.

J. E. MCLEHENEY,
 Clerk of the Board of Trustees, Town of Antioch, California.

NOTICE TO BUILDERS AND CONTRACTORS

(Office Building—City of Alameda)

Notice is hereby given that the Board of Public Utilities of the City of Alameda will receive bids for the construction of a one-story concrete building to be used as an office building for the Municipal Electric Light Plant. Said building to be erected at the southwest corner of Santa Clara Ave. and Everett St. in the City of Alameda.

Bids to be in accordance with plans and specifications heretofore adopted and on file in the office of the secretary of said Board to which bidders are referred to for full particulars.

A deposit of fifteen dollars (\$15) will be required on the plans and specifications to guarantee their return in good order and they must be returned with the bid.

All bids must be sealed and marked "Bid for Office Building" and must be delivered to the Secretary of the Board of Public Utilities, 1414 Park street, Alameda, Calif., before 5 o'clock P. M., Wednesday, May 16th, 1928. No bids will be considered which are handed in after the time mentioned.

The Board of Public Utilities reserves the right to reject any and all bids.

By order of the Board of Public Utilities, City of Alameda, Calif.

A. D. GOLDSWORTHY,
 Secretary.

(D)

NOTICE TO BIDDERS

(West Side Union High School District)

Notice is hereby given, that sealed bids will be received and opened by the Board of Trustees of the West Side Union High School District of San Joaquin County, at 7:30 o'clock P. M., on the 15th day of May, 1928, at the High School Building in Tracy, for the erection and completion of a five-room brick and concrete addition to the present High School Building of the above named district in Tracy, as described and shown on the plans and specifications made for the same by W. H. Weeks, architect.

Plans may be seen at the office of the Clerk of the Board of Trustees in Tracy, or at the office of W. H. Weeks, Architect, 111 Sutter St., San Francisco. Separate Contract and Heating System with their several alternates.

Each bid must be accompanied by a

certified check on some responsible California bank, in a sum not less than five per cent (5%) of the amount bid, made payable to J. N. Lamb, Clerk of the Board of Trustees of the West Side Union High School District, as a guarantee that a contract will be signed within five (5) days after date of opening of bids and approved surety bond furnished as required.

Each bid must be delivered in a sealed envelope and addressed to the Board of Trustees and endorsed, "Proposal for School Building," and must be in the hands of the Clerk of the Board on or before the above mentioned hour and date.

The Board reserves the right to reject any and all bids.

(Signed) J. N. Lamb,
 Clerk, West Side Union High School District.

(D)

ADVERTISEMENT

SEALED BIDS, in triplicate, subject to the conditions contained herein will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11 A. M. June 5, 1928, and then publicly opened, for furnishing all labor and materials and performing all work for Infirmary Building No. 1, including roads, walks and drainage at U. S. Veterans' Hospital, Fargo, North Dakota. This work will include excavating, reinforced concrete construction, hollow tile, brickwork, cast stone, marble work, floor and wall tile, linoleum, rubber tile, iron work, steel sash, iron stairs with slate treads, fire escapes, built-up roofing, roof ventilators, metal lathing, plastering, carpentry, dumb-waiter, metal weather strips, insect screens, painting, glazing, hardware, plumbing, heating, including boiler plant equipment, electrical work, electric elevator, radial brick or concrete chimney and outside sewer, water and electric distribution systems. Separate bids will be received for electric elevator. Bids will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards, the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C. Deposit with application of a check or postal money order for \$25.00 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of drawings and specifications within ten days after date of opening bids.

FRANK T. HINES,
 Director.
 May 12, 1928.

PROPOSALS FOR CONSTRUCTION

OFFICE CONSTRUCTING QUARTERMASTER, March Field, Riverside, Calif., May 5, 1928. Sealed proposals in triplicate will be received here until 10 o'clock A. M., June 8, 1928, for construction: 10 Hangars and 1 P. M. June 8, 1928, for 2 Double Barracks, 4 sets Field Officers Quarters, 32 sets Company Officers Quarters, 36 Garages. Copies of plans and specifications may be seen at the office of Constructing Quartermaster, Fort Mason, Calif., and can be obtained from Constructing Quartermaster, March Field, Riverside, Calif. \$25 deposit on each set of plans will be required for return.

STATE PLUMBERS TO MEET

The California State Association of Master Plumbers will hold its twenty-seventh annual convention at the Clift Hotel next week, opening Monday morning and continuing until Thursday. One of the highlights of the gathering will be a review of the accomplishments of the association in co-operating with State and municipal authorities in the interest of sanitation and health. Mayor Rolph will welcome the delegates. More than 1000 are expected to attend the session.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1126	Bradenstein	Diestel	2000
1127	Boardman	Papenhausen	14000
1128	Beel	Owner	6750
1129	Costello	Owner	4000
1130	Johnson	Owner	4000
1131	Fratessa	Owner	2900
1132	Heyman	Owner	6000
1133	Harder	Owner	4000
1134	McLaughlin	Jenkins	2000
1135	Marioni	Foster	4000
1136	Redlick	Electrical	1500
1137	Nelson	Owner	2800
1138	Stone	Owner	6000
1139	Steffen	Owner	2000
1140	Soupe	Malloch	1500
1141	S. F. Boys' Club	Spivock	39750
1142	Simonson	Owner	3800
1143	Trombino	Cook	4000
1144	Woodcock	Owner	1400
1145	Zari	Woodside	1000
1146	Crocker	Taylor	1500
1147	Ferry	MacDonald	15000
1148	Greenwich	Owner	7000
1149	Hueter	Zwieg	7000
1150	Hueter	Zwieg	12000
1151	Hueter	Zwieg	10000
1152	Lamerdin	Sartorio	7000
1153	Lynch	Coburn	1000
1154	Martin	Owner	4000
1155	Mortensen	Verner	4750
1156	Sbarboro	Owner	18000
1157	Tight	Mattock	33000
1158	Woodcock	Owner	1000
1159	Colonnou	Plov	4000
1160	Chipperfield	Owner	4000
1161	Chipperfield	Owner	12000
1162	Henning	Callaghan	1500
1163	Moss	Mullen	2000
1164	Morris	Owner	12000
1165	Morris	Fresno	600
1166	Godeau	Owner	7000
1167	Johnson	Owner	6000
1168	Kruse	Owner	1800
1169	Mardalvo	Johnson	4000
1170	Voorhies	Owner	10000
1171	Castle	Owner	3000
1172	Cavanaugh	Johnson	4000
1173	Golden	Owner	10000
1174	Hooker	Ross	1000
1175	Kari	Owner	5000
1176	Kroehler	Owner	1000
1177	Same	Same	2000
1178	Varney	Owner	4000
1179	Andrews	McSheehy	1800
1180	Bendon	Owner	9000
1181	Bobbio	Owner	4000
1182	Chipperfield	Owner	4000
1183	Campbell	Diestal	4000
1184	Chipperfield	Owner	4000
1185	Chipperfield	Owner	8000
1186	Delenicos	Reliable	6500
1187	Exchange	Construction	7500
1188	Italy	Owner	7000
1189	Lawton	Payne	4000
1190	Miller	Owner	16000
1191	Rhine	Owner	3500
1192	Swanston	Insurance	2500
1193	Vigo	Owner	2000

REPAIR FIRE DAMAGE

(1126) 1516 POLK ST.; repair fire damage.
 Owner—H. V. Bradenstein, Mills Bldg.
 Architect—None.
 Contractor—John Diestel, 233 Kearny St.
 \$2000

RESIDENCE

(1127) NE PACIFIC & LYON; 2-story and basement frame residence.
 Owner—Geo. C. Boardman, 1928 Vallejo.
 Architect—Frederick H. Reimers, Franklin Bldg., Oakland.
 Contractor—H. Papenhausen, 595 Victoria St.
 \$14,000

DWELLING

(1128) W MONTEREY BLVD. 380.3 S Westgate; 2-story and basement frame dwelling.
 Owner—Bell and Sylvester, 2049 Ocean Avenue.
 Architect—D. E. Jaekle, 395 Justin Drive.
 \$6,750

DWELLING

(1129) W 21st AVE 100 N RIVERA; 1-story and basement frame dwelling.
 Owner—Lawrence Costello, 382 27th Ave.
 Architect—None.
 \$4,000

DWELLING

(1130) E WINNIPEG 435 S SICKLES; 1-story and basement frame dwelling.
 Owner—Sidney E. Johnson, 4587 Mission.
 Architect—None.
 \$4,000

DWELLING

(1131) S ARLETA 150 W RUTLAND; 1-story and basement frame dwelling.
 Owner—Joseph S. Fratessa, 961 San Bruno.
 Architect—None.
 \$2,900

DWELLINGS

(1132) W BOWDOIN 166.4 and 197.4 N Silver; two 1-story and basement frame dwellings.
 Owner—Heyman Bros., 742 Market St.
 Architect—None.
 \$3,000 each

DWELLINGS

(1133) S CHENERY 125, 150 and 175 W Burnside; three 1-story and basement frame dwellings.
 Owner—Harder Bros., 870 39th Ave.
 Architect—None.
 \$4,000

ALTER DWELLING

(1134) 121 ALPINE; repair foundation and alter dwelling.
 Owner—Mr. McLaughlin, 121 Alpine.
 Architect—None.
 Contractor—Jenkins and Gross, 3433 Market St.
 \$2,000

DWELLINGS

(1135) S JOOST 500 and 525 W Detroit; two 1-story and basement frame dwellings.
 Owner—Marioni Realty Co., 5100 Mission.
 Architect—C. Strothoff, 2274 15th St.
 Contractor—F. J. Foster, 12 Sala Terrace.
 \$4,000

ELECTRIC SIGN

(1136) 1801 LINCOLN; erect NEON electric sign on roof.
 Owner—Redlick Newman, 1801 Lincoln.
 Architect—None.
 Contractor—Electrical Products Corp. 255 Golden Gate Ave.
 \$1,500

DWELLING

(1137) SE LAIDLEY & MIGUEL; 2-story and basement frame dwelling.
 Owner—P. Nelson, 200 Miguel.
 Architect—G. C. Kernan, 645 Congo St.
 \$2,800

DWELLING

(1138) W LEVANT 185 N LOWER TERRACE; 1-story and basement frame dwelling.
 Owner—Albert Stone, 12 Geary St.
 Architect—None.
 \$6,000

ALTER STORES

(1139) 3200-06 17th ST.; raise bldg. and install and alter stores.
 Owner—F. Steffen, 2026 Mission St.
 Architect—None.
 \$2,000

REMODEL LOBBY

(1140) 1114 SUTTER ST.; remodel and enlarge lobby.
 Owner—Lester G. Soupe, Alexander Bldg.
 Architect—None.
 Contractor—J. S. Malloch, 666 Mission St.
 \$1,500

BOYS' CLUB

(1141) SE 21st & ALABAMA; erect 2-story frame boys' club.
 Owner—San Francisco Boys' Club, Inc.
 Architect—Harry A. Thomsen Jr., Calif. Commercial Union Bldg.
 Contractor—Spivock and Spivock, Hobart Bldg.
 \$39,750

DWELLING

(1142) SE ATHENS 150 SW RUSSIA; 1-story and basement frame dwelling.
 Owner—Simonsen and Sells, 159 Seville.
 Architect—None.
 \$3,800

STORE BLDG.

(1143) W CAPITOL 100 S FARALONES; 1-story frame store bldg. with apt.
 Owner—Frank J. Trombino, care builder.
 Architect—None.
 Contractor—J. W. Cook, 2173 Grove St.
 \$4,000

ALTER. & REMODEL BLDG.

(1144) 2111 PINE ST.; alter and remodel building.
 Owner—G. W. Woodcock, 2111 Pine St.
 Architect—Owner.
 \$1,000

ALTER BLDG.

(1145) SE SAN JOSE 50 SW TINGLEY; alter bldg.
 Owner—Mr. and Mrs. A. Zari, 187 Joost Ave.
 Architect—None.
 Contractor—J. D. Woodside, 3460 Mission Street.
 \$1,000

ALTERATIONS

(1146) NW POST AND GRANT AVE. Alter and remodel office building and install oil burner.
 Owner—C. T. Crocker, Shreve Bldg., San Francisco.
 Architect—None.
 Contractor—Taylor & Goericko, 220 Sharon Bldg., S. F.
 \$1500

WAREHOUSE

(1147) N PAUL 420 E San Bruno Ave. Three-story reinforced concrete warehouse.
 Owner—D. M. Ferry & Co., 759 Front St., San Francisco.
 Architect—Albert Kahn, Marquette Bldg Detroit, Michigan.
 Contractor—McDonald & Kahn, Financial Center Bldg., San Francisco.
 \$150,000

GARAGES

(1148) SW LEAVENWORTH & GREEN. wich. Reinforced concrete private garages and retaining walls.
 Owner—Greenwich Terrace Assn., 625 Market St., San Francisco.
 Architect—F. W. Dakin, 310 California St., San Francisco.
 \$7000

DWELLING

(1149) E APTOS AVE 366 S Darien Way Two-story and basement frame dwelling.
 Owner—E. C. and O. M. Hueter, Flatiron Bldg., San Francisco.
 Architect—H. G. Stoner, 810 Ulloa St., San Francisco.
 Contractor—Walter C. Zwieg, 450 Upland Drive, San Francisco.
 \$7000

DWELLINGS

(1150) E APTOS 320 and 412 S Darien Way. Two one and one-half-story and basement frame dwellings.
 Owner—E. C. and O. M. Hueter, Flatiron Bldg., San Francisco.
 Architect—H. G. Stoner, 810 Ulloa St., San Francisco.
 Contractor—Walter C. Zwieg, 450 Upland Drive., S. F.
 \$6000 ea

DWELLINGS

(1151) W SAN BENITO 125 and 165 S Darien Way. Two one-story and basement frame dwellings.

Capital City Title Company

J. C. PALEN
 Manager

914 Seventh Street
 Sacramento - California

Owner—F. C. and O. M. Hunter, Flat-iron Bldg., San Francisco.
 Architect—H. G. Stoner, 511 Ulloa St., San Francisco.
 Contractor—W. C. Zwieg, 450 Upland Drive, S. F. \$5000 ea

DWELLING
 (1150) W. BRODERICK 100 S. Francisco. Two-story and basement frame dwlg.
 Owner—A. Landrum, 1156 Stockton St., San Francisco.
 Architect—P. E. DeMartini, 948 Broadway, San Francisco.
 Contractor—P. Santoro, 2140 Greenwich St., San Francisco. \$7000

REPAIRS
 (1154) NO. 1116 HAMPSHIRE. Repair fire damage.
 Owner—Mrs. M. J. Lynch, Premises.
 Architect—None.
 Contractor—Chas. Coburn, 666 Mission St., San Francisco. \$1000

DWELLING
 (1155) S. IBORA 100 W. Laguna Honda Blvd., One-story and basement frame dwelling.
 Owner—Martin & Allen, 2436 Bush St., San Francisco. \$4000
 Architect—None.

DWELLING
 (1155) S. LIBERTY 305 W. Church. One-story and basement frame dwelling.
 Owner—R. Mortensen, 643 Webster St., San Francisco.
 Architect—None.
 Contractor—J. Verner, 400 Staples St., San Francisco. \$4750

DWELLINGS
 (1156) S. MARINA 35 and 69-2 W. Scott. Two two-story and basement frame dwellings.
 Owner—Starboro & Jorgenson, 207 Walnut St., San Francisco.
 Architect—Powers & Ahnden, 605 Market St., San Francisco. \$9000 ea

RESIDENCE
 (1157) W. MIRALOMA 634 N. Yerba Buena. Three-story and basement frame residence.
 Owner—D. J. Ticht, 210 Clara St., San Francisco.
 Architect—H. H. Gutterson, 526 Powell St., San Francisco.
 Contractor—Mattock & Peasey, 210 Clara St., San Francisco. \$33,000

ALTERATIONS
 (1158) NO. 2111 PINE ST. Alter and remodel building.
 Owner—G. W. Woodcock, Premises.
 Architect—None. \$1000

DWELLING
 (1159) S. 22nd ST. 25 W. FLORIDA; 1-story and basement frame dwelling.
 Owner—M. J. Colannon, 201 22nd St.
 Architect—None.
 Contractor—Gilbert Plov, 391 Munich St. \$4,000

DWELLING
 (1160) N. MORAGA 82.6 E. 28th Ave; 1-story and basement frame dwelling.
 Owner—R. E. Chipperfield, 1295 15th Ave.
 Architect—None. \$4,000

DWELLINGS
 (1161) W. 27th AVE 25, 50 and 75 N. Moraga; three 1-story and basement frame dwellings.
 Owner—R. E. Chipperfield, 1295 15th Ave.
 Architect—None. \$1,000 each

REPAIR FIRE DAMAGE
 (1162) 2123 FOLSOM ST.; repair fire damage.
 Owner—Mrs. Henning, 2133 Folsom St.
 Architect—None.
 Contractor—Jack Callaghan, 900 Clayton St. \$1,500

ALTER & REMODEL
 (1163) 1162 HAIGHT ST.; alter and remodel restaurant.
 Owner—Geo. Moss, 1462 Haight St.
 Architect—None.
 Contractor—Mullen Mfg. Co., 60 Renssch St. \$2,000

DWELLINGS
 (1164) W. 3rd AVE 250, 275 and 300 S. Kell on; three 1-story and basement frame dwellings.
 Owner—E. H. Morris, 25 Toyon Lane, Alameda. \$1,500 each

DWELLINGS
 (1165) N. JUDSON 225 and 250 E. Foerster, two 1-story and basement frame dwellings.
 Owner—E. L. Morris, 421 Mills Bldg.
 Architect—J. C. Hladik, Monadnock Bldg.
 Contractor—Fresno Homes Inc., 421 Mills Bldg. \$3,000 each

DWELLING
 (1166) NW TWENTY-EIGHTH AVE & Santiago. One-story and basement frame dwelling.
 Owner—Julius Godeau, 41 Van Ness Ave., San Francisco.
 Designer—Walter Hughes. \$7000

DWELLING
 (1167) SW FORTY-FOURTH AVE AND Cabrillo. One and one-half-story and basement frame dwelling.
 Owner—Gustaf R. Johnson, 778 32nd Av., San Francisco. \$6000
 Architect—None.

ALTERATIONS
 (1168) S. MARKET 175-7 W. Guerrero. Alter and remodel show and sales room.
 Owner—E. and E. T. Kruse, 24 California St., San Francisco.
 Designer—W. Wethered, 16 Turk St., San Francisco. \$1800

DWELLING
 (1169) E. CLAYTON 226 N. Seventeenth. Two-story and basement frame dwlg.
 Owner—A. A. Mardalvo, 3485 21st St., San Francisco.
 Architect—None.
 Contractor—J. Johnson, 236 Whitney St., San Francisco. \$4000

RESIDENCE
 (1170) N. JACKSON 234-6 E. Arguello Blvd. Three-story and basement frame residence.
 Owner—W. R. Voorhies, 10 10th Ave., San Francisco.
 Architect—None. \$10,000

RETAINING WALL
 (1171) PROPERTY LINE OF LOTS bet. Admiral, Sliver Ave. Camellia and Alemany Blvd. Erect concrete retaining wall.
 Owner—Castle Bldg. Co., 830 Market St., San Francisco.
 Architect—None. \$3000

DWELLING
 (1172) W. SANCHEZ 80 S. Twenty-fourth. One-story and basement frame dwlg.
 Owner—Mrs. C. Cavanaugh, 133 Jersey St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor—Joel Johnson & Son, 666 Mission St., San Francisco. \$4000

STORAGE TANK
 (1173) N. JEFFERSON bet. Hyde and Leavenworth. Construct 5000 bbl. oil storage tank.
 Owner—Golden Gate Ferry Co., Hyde St., San Francisco.
 Architect—None. \$10,000

GARAGE
 (1174) NO. 119 EDGEWOOD. Erect concrete private garage.
 Owner—J. W. Hooker, Premises.
 Architect—None.
 Contractor—D. W. Ross, 666 Mission St., San Francisco. \$1000

DWELLING
 (1175) E. FIFTEENTH AVE 334-4 N. Taraval. One-story and basement frame dwelling.
 Owner—Bernhard Karl, 800 Ulloa St., San Francisco.
 Architect—None. \$5000

ROOF AND WALLS
 (1176) NO. 885 CHARTER OAK. Erect steel frame for galvanized iron roof and walls.
 Owner—Kroehler Mfg. Co., Premises.
 Engineer—J. H. Nishkian, 525 Market St., San Francisco. \$1000

STEEL FRAME FOR ROOF
 (1177) NO. 885 CHARTER OAK. Erect steel frame for steel joists and concrete roof.
 Owner—Kroehler Mfg. Co., Premises.
 Engineer—J. H. Nishkian, 525 Market St., San Francisco. \$2000

DWELLING
 (1178) N. NAVAJO 240 E. Delano. One-story and basement frame dwelling.

Owner—F. W. Varney, 40 Rico Way, San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4000

GARAGE
 (1179) E. GUERRERO 100 N. 25th St.; 1-story frame private garage.
 Owner—J. P. Andrews, 1265 Guerrero St.
 Architect—None.
 Contractor—Jas. B. McSheehy, 137 Clif-ford St. \$1,800

DWELLINGS
 (1180) E. 18th AVE. 164.4 and 189.4 N. Santiago; two 1½-story and basement frame dwellings.
 Owner—G. O. Bendon, 2266 29th Ave.
 Architect—Owner. \$4,500 each

(1181) SE JENNINGS & GILMAN; 1-story and basement frame dwelling.
 Owner—Paul Bobbio, % architect.
 Architect—Chas. F. Strothoff, 2274 15th St. \$4,000

DWELLING
 (1182) E. 28th AVE 125 N. MORAGA; 1-story and basement frame dwelling.
 Owner—R. E. Chipperfield, 1295 15th Ave.
 Architect—None. \$4,000

REPAIR FIRE DAMAGE
 (1183) 422 VALENCIA ST.; repair fire damage.
 Owner—Mrs. A. G. Campbell, 332 Kearny.
 Architect—None.
 Contractor—John Diestel, 333 Kearny St. \$4,000

DWELLING
 (1184) E. 28th AVE 150 N. MORAGA; 1-story and basement frame dwelling.
 Owner—R. E. Chipperfield, 1295 15th Ave.
 Architect—None. \$4,000

DWELLINGS
 (1185) N. MORAGA 82.6 and 107.6 W. 27th Ave., two 1-story and basement frame dwellings.
 Owner—R. E. Chipperfield, 1295 15th Ave.
 Architect—None. \$4,000 each

(1186) W. SHOTWELL 159 N. 20th St.; 2-story and basement frame (2) flats.
 Owner—Sterius Delencos.
 Architect—J. C. Hladik, Monadnock Bldg.
 Contractor—Reliable Bldg. Co., 1116 Fillmore St. \$6,500

INSTALL BOILER
 (1187) 369 PINE ST.; install low pressure heating boiler.
 Owner—Exchange Realty Co., 369 Pine St.
 Architect—None.
 Contractor—Construction Manager, Frederick Whitton, 369 Pine St. \$7,500

BANK BLDG.
 (1188) W. FILLMORE 78 N. SACRAMENTO; 1-story frame bank bldg.
 Owner—Bank of Italy, National Trust & Savings Assoc., 550 Montgomery St.
 Architect—Owner. \$7,000

DWELLING
 (1189) NE 46th AVE & Quintara; 1-story and basement frame dwelling.
 Owner—R. E. Lawton, 44 Nebraska.
 Architect—None.
 Contractor—J. H. Payne, 44 Nebraska. \$4,000

DWELLINGS
 (1190) W. BYXBEE 175, 200, 225 and 250 S. Sargent; four 1-story and basement frame dwellings.
 Owner—Miller and O'Donnell, 3482 17th Street.
 Architect—None. \$4,000 each

INSTALL FIRE ESCAPE
 (1191) NE POST & WEBSTER; alter stores, install fire escape in building.
 Owner—Samuel Rhine & Aaron Stoff, 150 Post St.
 Architect—George B. Shimamoto, 1520 Buchanan St. \$3,500

ALTER & REMODEL
 (1192) 433 CALIFORNIA ST.; alter and remodel offices.
 Owners—Jennie E. Swanston, Robert Swanston and L. N. Krebs, 433 California St.
 Architect—None. \$2,500

ALTER & REMODEL
 (1193) NW FILBERT & GOUGH; alter and remodel grocery store.
 Owners—E. Vigo and L. Chapellone, 2370 Union St.
 Architect—J. A. Porporato, 619 Washington St. \$2,000

BUILDING CONTRACTS

San Francisco County

No.	Owner	Contractor	Amt.
93	Sutter	Sleeper	\$347
84	Casperson	Elkington	121.00
85	General	Smilie	5030
86	McCarthy	Ancoff	3234
87	Anker	Fletcher	3642
88	Cavanaugh	Johnson	5195
90	Lamerdin	Sartorio	10826
91	Italian	Pfeffer	895
92	La Mirada	Kerner	1452

SLEEPER & CARPET STRIP WORK
(183) SE POWELL & Sutter; sleeper and carpet strip work for 21-story hotel bldg.

Owner—The Sutter-Powell Realty Co., by Lindgren & Swinerton Inc., 225 Bush St., S. F.

Architect—Weeks & Day, Financial Center Bldg., S. F.
Contractor—National Kellastone Co., 233 Sansome St., S. F.

Filed May 2, 1928. Dated March 22, 1928. Payment of 75% on 15th of each month. 25% 36 days after.

TOTAL COST, \$3047
Bond, \$3047; sureties, Pacific Indemnity Co.; forfeit, none; limit Sept. 15, 1928; plans and spec. filed.

RESIDENCE

(184) LOT 28 BLK 19 ST. FRANCIS WOOD Extn. No. 2 (being N Yerba Buena Ave 114 W Santa Paula); all work frame residence.

Owner—Mrs. O. Casperson, 359 29th Ave., San Francisco.

Architect—None.
Contractor—G. J. Elkington & Sons, 1291 33rd Ave., San Francisco.

Filed May 3, 1928. Dated April 17, 1928. Four equal payments as follows:

Frame up;
Brown coated;
Completed;
35 days after.

TOTAL COST, \$12,100
Bond, \$6050; sureties, Wm. Elkington, F. H. Walker; forfeit, none; limit, 120 days; plans and spec. filed.

Permit reported April 23, 1928. No. 1020.

FIRE WALL, ETC.

(185) N JEFFERSON 130 W Leavenworth W 75x102. All work for fire wall, tank foundation and machinery foundations on lot.

Owner—General Petroleum Corporation, 310 Sansome St., San Francisco.

Engineer—W. R. David.
Contractor—Smilie & McArthur, 85 2nd St., San Francisco.

Filed May 4, '28. Dated April 30, '28. Semi monthly payments of..... 75%
Usual 35 days..... 25%

TOTAL COST, \$5030.90
Bond, \$2515.45. Surety, Royal Indemnity Co. of New York. Limit, 45 days. Forfeiture, none. Plans and specifications filed

BUNGALOW

(186) E LEE AVE 550 S GRAFTON Ave. S 25 x E 64.428 NE 8.80 NW 28.37 NE 2.80 W 47.95 ptn lots 1, 2 and 3 blk 13 Lakeview and lot 1 blk B Columbia Hgts.; all work 4-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. San Francisco.

Architect—None.
Contractor—James Arnott and Son, 633 Taraval St., San Francisco.

Filed May 5, 1928. Dated March 22, 1928

TOTAL COST, \$3134.40
Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

ALTERATIONS

(127) NO. 233 THIRTY-SECOND AVE. All work except window shades, wall paper and finish hardware for alterations and additions to one-story frame dwelling.

Owner—Marian and Morey Anker, Prem. Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contractor—J. P. Fletcher, 150 Franklin St., San Francisco.

Filed May 8, '28. Dated May 3, '28.

Enclosed.....\$910.50
Brown coated and 2nd coat of plaster on exterior..... 910.50
Completed and accepted..... 910.50
Usual 35 days..... 910.50

TOTAL COST, \$3642
Bond, \$1821. Surety, Detroit Fidelity & Surety Co. Limit, 45 days. Forfeiture, \$10. Plans and specifications filed.

BUILDING

(188) W SANCHEZ 80 S Twenty-fourth 34x50.10. All work for one-story and basement frame building.

Owner—Mrs. C. Cavanaugh, 1303 Shrader St., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Contractor—Joel Johnson & Son, 1614 Church St., San Francisco.

Filed May 8, '28. Dated May 7, '28.

Enclosed and roof on.....\$1294.00

Wiring, plumbing and brown coat plaster on and front scratch coated..... 1294.00

Completed and accepted..... 1294.00

Usual 35 days..... 1393.50

TOTAL COST, \$3893.50

Bond, none. Limit, 85 days. Forfeiture, \$2. Plans and specifications filed.

FRAME BUILDING

(189) SE 21st and Alabama 100 on Alabama x 100; all work on 2-story and basement frame building except gas steam radiators.

Owner—San Francisco Boys Club, Inc., 2520 Tolson St., San Francisco.

Architect—Harry A. Thomsen, Jr., 315 Montgomery St., San Francisco.

Contractor—Spivock & Spivock, Hobart Bldg., San Francisco.

Filed May 8, 1928. Dated May 1, 1928.

Payments of 75% of work done and materials furnished monthly.

25% 35 days after.

TOTAL COST, \$39,750
Bond, \$19,875; sureties, M. G. Moses, Sol Siberman; forfeit, \$20; limit, 120 days; plans and spec. filed.

Permit applied for No. 1141.

FRAME BLDG.

(190) W BRODERICK 75 S FRANCISCO S 25 x W 93-9; all work except lighting fixtures, shades, finish, hardware and wall paper for two-story and basement frame building.

Owner—August Samerdin, 1336 Stockton St., San Francisco.

Architect—Paul F. De Martini, 948 Broadway, San Francisco.

Contractor—Peter Sartorio, 2440 Greenwich, San Francisco.

Filed May 9, 1928. Dated May 8, 1928.

Frame up.....\$2,700

Brown coated..... 2,700

Completed and accepted..... 2,700

35 days after..... 2,726

TOTAL COST, \$10,826

Bond, \$5413; sureties, Standard Accident Ins. Co.; forfeit, none; limit, 90 days; plans and spec. filed. Permit applied for.

HOSPITAL ADDN.

(191) N BROADWAY 100 W POLK N 275 W 75 S 137-6 W 70 S 137-6 E 145; Ariston copper steel sash and casement sash, etc., for addition to Dante Hospital.

Owner—Italian Hospital & Benevolent Association, San Francisco.

Architect—G. A. Applegarth, Spreckels Bldg., San Francisco.

Contractor—Michel & Pfeffer, Harrison & 10th St., San Francisco.

Filed May 9, 1928. Dated May 8, 1928.

Payments of 75% on 10th of each month

25% 35 days after.

TOTAL COST, \$895
Bond, \$447; sureties, Fidelity & Deposit Co.; forfeit, none; limit, 160 days; plans and spec. not filed.

INSTALL INCINERATOR

(192) NW UNION & LEAVENWORTH W 65 x N 137-6; install incinerator.

Owner—La Mirada.

Architect—Reid Bros., 105 Montgomery St., San Francisco.

Contractor—The Kerner Incinerator Co., 450 Clementina St., San Francisco.

Filed May 9, 1928. Dated April 30, 1928.

Completed and accepted, 75%.

35 days after, 25%.

TOTAL COST, \$1,452
Bond, \$800; sureties, Standard Accident Ins. Co.; forfeit, none; limit, as soon as possible; plans and spec. filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
May 2, 1928—E MISSION 95 N 20th N 165 x E 245.	George S. Sarah C. Grace M. and Samuel M. Crim to Peter Bradley.	April 20, 1928	
May 2, 1928—E LEAVENWORTH 115 N Jackson W alg E Leavenworth 26-11 1/4 E 137-6 ptn 50 V lot 891.	A. L. Lundy to whom it may concern.	May 2, 1928	
May 2, 1928—E DOUGLASS 60 N 22nd			

25x107-9, Armas A. Ipari.

April 28, 1928

May 2, 1928—E 27th AVE 300 S Taraval S 25 x E 120 No 2450 27th Ave.

Edward Staff to whom it may concern. May 2, 1928

May 2, 1928—LOTS 29 and 31 Blk 31, Sunnyside. Gordon W. Morris to whom it may concern. May 2, 1928

May 4, 1928—W CHESTNUT 137-6 Broderick W 27-6 x N 137-6. C. W. Higgins and E. J. Kraus (as Higgins & Kraus), \$550; C. Sieverts, \$718; North End Mfg. Co., \$718; Dodge A. Reidy, \$1,045.68; Colbanan Electrical & Mfg. Co., \$416.65; Frank J. Reilly, \$3,525.25; Mangrum & Otter Inc., \$486.25; J. E. O'Mara & W. D. Stewart, \$519, vs Camille and Henry Nardi.

May 4, 1928—NE COR BUSH & OCTAVIA E 30 x N 120 WA 159. A. A. Zelinsky & Co vs Wm. Penzner. \$4,850

May 4, 1928—LOT 19 and ptn lot 18 blk 8 Ingelside Terrace. W. J. White & A. Anderson (as White & Anderson) vs Salva and Lisa Matheson. \$700

May 4, 1928—NE BEACH & DIVISADERO desc'd E Divisadero 50 N Beach S alg E Divisadero to pt of inter. of N Beach E alg N Beach 93.9 N 50 W 93.9 to E Divisadero to pt of beg. Royal Floor Co. vs Louis R. and Brigit Anderson. \$2100

May 4, 1928—S PARIS & BRAZIL SW 24.8 x SE 50 lot 43 blk 6081. Albert Dean vs Guseppe Silvestri and Grace and A. J. Simonelli. \$73.50

May 4, 1928—E RUSSIA AVE. and Munich SE alg Russia Ave 100 x NE 100 lot 9 Assessors' Blk 6094 fmlly Blk 9 Excelsior Hd Assn. L. Liljelblad vs Henry J. and Dorothy Shultheiss, Harry and Teresa H. Werselle. \$152.50

May 2, 1928—W VERMONT 75 S 18th known as 618 and 620 Vermont St. A. P. Fournier and C. W. Burke vs Fred C. and Luella Wolpert. \$40

May 3, 1928—N FARALLONES 390 E Orizaba Ave being ptn of lot 8 blk L Railroad Hd. Assn. A. P. Fournier and C. W. Burke vs Fred C. and Luella Wolpert. \$27.50

May 3, 1928—S ANZA 95 E 29th Ave E 30 x S 100 ptn O L 311. M. J. Schwartz Co. vs W. C. MacGeorge & J. H. Brown. \$85

May 3, 1928—N LOBOS 30 E Orizaba Ave being ptn lot 5 blk C map land Railroad Hd. Assn E 30 x N 75. A. P. Fournier and C. W. Burke vs Fred C. and Luella Wolpert. \$27.50

May 3, 1928—N LOBOS 60 E Orizaba Ave ptn lot 5 blk C map Lands of Railroad Hd. Assn. A. P. Fournier & Co. and C. W. Burke vs Fred C. and Luella Wolpert. \$27.50

May 3, 1928—W CHESTNUT 137-6 Broderick W 27-6 and N 137-6. A. J. Ruhlman and Co. vs Henry and Camille Nardi. \$87.23

May 5, 1928—E 29th AVE 100 N KIRKHAM N 25 x E 120. Frederick J. Lupold to whom it may concern. May 4, 1928—W DIVISADERO 37-5 S North Point and ext. 25 S on Divisadero 87-6 W th 25 N th 87-6 E to pt of beg. L. M. Bruce to whom it may concern. May 4, 1928

May 4, 1928—N CUMBERLAND 155 W Sanchez W 25 x 114. Henry Lamothe to whom it may concern. May 3, 1928

May 4, 1928—106 GRAND VIEW AVE. Pietro Di Vita to O. H. Anderson. April 28, 1928

May 4, 1928—LOT 14 BLK 134 Map Brown Estate Co's Sub ptn Univ. Md. Paul Hereford. March 7, 1928

May 4, 1928—NW EDINBURGH 225 NE Italy Ave NE 25 x 100 ptn lot 6 blk 40 Excelsior Hd Assn. Julia A. Hale to whom it may concern. April 28, 1928

May 4, 1928—W 42nd AVE 125 N Ca-brillo N 25 x W 120. Corrine Frye to J. A. Frye. April 26, 1928

May 4, 1928—NW MISSION and Norton W alg 50 x N 100. Hibernia Socy. & Loan Socy. to Western Iron Wks. May 3, 1928

May 3, 1928—S IDORA AVE 33-6 E from int. thereof with N bdy. line lot 7 blk 2916 rung SW 79 m or l E 28-6 NE 80 m or l W 32-6 ptn lots 7, 8 blk 2916 Map Laguna Honda Park. Martin & Allen to whom it may concern. April 30, 1928

May 3, 1928—W 47th AVE 225 N QUINTARA N 25 x W 120. A. Stone to Trygve Kolsberg (two completions) May 3, 1928

May 3, 1928—W BOSWORTH & HAMMERTON AVE SW 100 x NW 25 lot 8 blk 6 Mission & 30th St Extn Hd.

W. R. & John McKnight, 10 O. Anderson, April 28, 1928
 May 1, 1928—ANNEX C of City Bldg. S. Church & Clay St. O. A. Fluke & W. L. Brown to Swan The Electric Co., April 21, 1928
 May 1, 1928—14th AVE 200 x 25 S. Judah S 25 x E 120. O. J. O'Neil to whom it may concern, May 3, 1928
 May 8, 1928—S. ALLISON 100 NW from 1st SW NW 24 x E 120. Wm. H. Mackenzie to whom it may concern, May 7, 1928
 May 8, 1928—LOT 6 BLK 1 Map Railroad Hl. Assn. No. 2. W. S. Barron to H. H. Putnam, April 30, 1928
 May 8, 1928—LOT 8 BLK 1 Railroad Hl. Assn. No. 2. W. S. Barron to H. H. Putnam, May 2, 1928
 May 8, 1928—E 26th AVE 250 S L. A. W. TON S 25 x E 120. Wm. H. Mackenzie to whom it may concern, May 8, 1928
 May 8, 1928—LOT 3 BLK 5083 St. Marys Park. The Roman Catholic Archbishop of San Francisco to Andrew R. Johnson, May 2, 1928
 May 8, 1928—50x120 on W EDGEWOOD AVE 742 S Sunset Ave. John and Olga Reynolds to Jack Callaghan, May 8, 1928
 May 8, 1928—E 26th AVE 225 S L. A. W. TON S 25 x E 120. Wm. H. Mackenzie to whom it may concern, May 8, 1928
 May 7, 1928—E 31st AVE 200, 225 S. Judah S 25 x E 120. Christian Anderson to whom it may concern, April 30, 1928
 May 7, 1928—E BRIGHT 125, 150 N. Gardfield lots 10 and 11 blk 57 City Land Assn. Martin Nelson to Gordon W. Morris, May 5, 1928
 May 7, 1928—25 x 120 on E 14th AVE. 300 N. Santiago. Carl and Fred Gellert to whom it may concern, May 7, 1928
 May 7, 1928—S. TARAVAL 32-6 W 17th AVE 25 x 100. Pierce and Eliza J. J. Hart to whom it may concern, May 7, 1928
 May 7, 1928—LOT 19 BLK O Map Sub. Bay of Mission St. Land Co. Joseph Metcalf to whom it may concern, May 7, 1928
 May 7, 1928—30 x 120 on W HAMILTON 130 S Silliman. Lepra to G. Carraro, May 7, 1928
 May 8, 1928—N. LOMBARD 175 W Steiner W 50 x N 137-6. August Magnuson and Adrian Peterson to whom it may concern, May 7, 1928
 May 8, 1928—W 16th AVE 305 S TARAVAL S 24-10 x W 120. Bernhard Kari to whom it may concern, May 5, 1928
 May 8, 1928—W 14th AVE 50 N VICENTE 25 x 100. G. J. Ellington & Sons to whom it may concern, May 8, 1928
 May 8, 1928—S. GEARY 130 W LARKIN W 40 x S 120. E. V. Lacey and M. E. Vukicevich to whom it may concern, May 7, 1928

LIENS FILED

San Francisco County

Recorded	Amount
May 2, 1928—E 25th AVE 125 N Moravia N 25 x E 125. Schoenfeld Planning Mill Co. vs W. H. Mackenzie	\$17.50
May 2, 1928—W. MASON 62-9 N Jackson Frontage 62-9 x 137-6. D. Lombardo, P. C. Ragodi and A. L. Demattèi Gas California Concrete Co. vs Bessie Cadeby, Edna B. Stempel and R. J. Stempel	\$636.69
May 2, 1928—SE BRAZIL AVE and Paris W 25 alg Paris S 50. Frank E. Barabotto vs G. Silvestri and A. J. Scarnelli	\$228
May 5, 1928—NE LAGUNA HONDA BLVD NW 38-49 from SE line said lot 20 NW 38-49 NE 125-335 SE 11-8 SE 21-8 SW 32-15 to beg NE Laguna Honda Blvd and NW line said lot 21 SE 38-49 NE 125-335 SW 106-2-2 to beg NE Laguna Honda Blvd and SE line said lot 20 NW 38-49 NE 125-335 to NE line said lot 20 SE 38-49 to beg NE line said lot 20 SW 111-298 to beg. Athos Heating and Ventilating Co. vs R. E. and Eva M. Giller	\$292.70
May 8, 1928—S. PARIS & BRAZIL SW 25 x SE 50. W. H. Mackenzie to M. S. Withmore Gas S. E. Co. vs G. L. Co. vs A. J. Simmons, G. Silvestri	\$121.50
May 7, 1928—J. Campbell vs Richard E. and E. M. Giller. Ptn lot 36 & 1 blk 2891 Laguna Honda Park desc'd: Cong	

dist 6 NE from SW line lot 36 rung 2 100 to pt on SE curve line lot 36 dist 8 1125 NE from SW line lot 36 rung 1 412 alg SE line lot 36 & SE line lot 1 dist 37 NW 100 to pt on SE curve line Hernandez ave dist 3 NE from SW line lot 1 SW alg Hernandez ave 32 to beg Ptn lots 35 & 36 blk 2891 Laguna Honda Park desc'd: Cong at pt on SE curve line Hernandez ave dist 10 NE 110- SW line lot 35 rung SE 100 to pt on SE curve line said lot 35 dist 12-2855 NE from SW line lot 25 rung NE alg SE line lot 35 & SE line lot 36 dist 37 NW 100 to pt on SE curve line Hernandez ave dist 6 NE from SW line lot 36 SW alg Hernandez ave 52 to pt of beg Cong at pt on NE line lot 16 blk 2890 map Laguna Honda Park dist 36 SE from SE line Balceta ave rung SE alg NE line lot 16 & NE line lot 15 dist 32 SW par with SE line lot 16 dist 115 m or l to NE Laguna Honda blvd NW alg last line 35 m or l to intersection of line drawn SW par with SE line said lot 16 from pt of beg NE alg line so drawn 102 m or l to pt of beg lots 15 and 16 blk 2890 map Laguna Honda Park
 May 7, 1928—ALL PTNS LOTS 20, 21, 36 and 35, 36 and 1, 21, 20, blk 2891; lots 15 and 16 blk 2890, Map Laguna Honda Park. Albert Cook vs R. E. Giller. \$1871
 May 7, 1928—PTN BLK 2891 and 2890 May Laguna Honda Park. F. Ciannelli vs Richard E. and Eva M. Giller. \$1274.55
 May 7, 1928—E NAYLOR & PRAGUE SE alg Naylor 66, 69 NE 48, 17 NW 68, 73 to SW line Prague SW alg Prague 48, 47 to beg lot 1 blk 6417 Crocker Amazon Tract Sub. No. 2. John Cassaretto vs F. C. and Olga W. O'Connor and J. L. Hardiman. \$85
 May 7, 1928—ALL PTN LOTS 20 and 21 blk 2891 Laguna Honda Park desc'd; cong. NE Laguna Honda Blvd. Chas. O. Andrew (as Andrew Floor Finishing Co.) vs Richard E. Giller. \$283.50
 May 7, 1928—NE HOLYOKE 200 SE Felton SE 25 x NE 120 known as 229 Holyoke St. W. B. Jefferson (as The Greater City Lumber Co.) vs Kurt Strubel. \$283.50
 May 7, 1928—ALL PTN LOTS 20, 21 blk 2891 Laguna Honda Blvd Dist NW 38-49 from SE line lot 2 rung NW alg NE Laguna Honda Blvd 38-49 to pt dist SE 38-49 from most W cor lot 21 NE and par with NE line lot 21, 125-335 to NE line lot 21 SE alg last line 11-8 to most E cor lot 21 SW alg SE line lot 21, 52-243 to most N cor lot 20 SE alg NE line lot 20, 21 S to inter. of line drawn NE from pt of beg and par with SE line lot 20 SW alg line so drawn 92-195 to beg. All ptn lot 20 blk 2891 Laguna Honda Park desc'd: cong pt inter NE Laguna Honda Blvd and SE line lot 20 rung NW alg NE Laguna Honda Blvd and SE line lot 20 rung NW alg NE Laguna Honda Blvd 38-49 NE and par with SE line lot 20, 92-195 to NE line lot 20 SE alg last line 33-4 to most E cor lot 20 SW 111-298 to pt of beg. Chas. O. Andrews (as Andrews Floor Finishing Co.) vs Richard E. Giller. \$836
 All ptn lot 21 blk 2891 Laguna Honda Park desc'd: cong. inter. NE Laguna Honda Blvd and NW line lot 21 rung SE alg NE Laguna Honda Blvd 38-49 NE and par with NW line lot 21, 125-335 to NE line lot 21 NW alg last line 33-4 to most N cor lot 21 SW 106-232 to beg. Chas. O. Andrews (as Andrews Floor Finishing Co.) vs Richard E. Giller. \$836
 May 8, 1928—PTN BLK 2891 LAGUNA Honda Park. Jones Hardwood Co. vs Richard E. and Eva M. Giller. \$337.88
 May 8, 1928—SE & VALENCIA S 45 x E 100 lot 29 blk 3551. Robert E. McCoy vs Jules Bessette. \$507.19
 May 8, 1928—W 11th AVE 250 S CALIFORNIA S 35 x W 120. Schoenfeld Planning Mill Co. vs A. Leon Lawrence. \$2485.20
 May 8, 1928—THAT PTN BLK 8 West End Map No 1 as follows: beg at pt dist NW 40 from NW Huron Ave and dist NE 21-15 from NE Mt Vernon Ave NE 25-10% NW 90 SW 25-9% SE 90 232 Huron Ave. Western Furnace & Sheet Metal Works vs Building Security Corp., G. W. Rawls. \$82.50

May 8, 1928—ALL PTN BLK 8 West End Map No 1 desc'd: cong at pt which is perpen. dist. NW 40 from NW line Huron Ave as shown said West End Map No. 1 & perpen. dist. NE 58-2% from NE line Mt. Vernon Ave rung NE par with NW Huron Ave 25-11% NW to pt which is perp. dist. NW 120 from NW Huron Ave and perpen. dist. NE 84-2% from NE Mt. Vernon Ave SW and par with NW Huron Ave 26-0% SE 80 to beg known as 268 Huron Ave. Western Furnace & Sheet Metal Works vs Building Security Corp. \$82.50
 May 8, 1928—ALL PTN BLK 8 West End Map No 1 desc'd: cong at pt which is perpen. dist. NW 40 from NW line Huron Ave as shown said West End Map No. 1 & perpen. dist. NE 162-2% from NE Mt. Vernon Ave NE par with NW Huron Ave 26-0% NW 90 SW 26-0% SE 90 known as 244 Huron Ave. Western Furnace & Sheet Metal Works vs Building Security Corp. \$82.50
 May 8, 1928—ALL PTN BLK 8 West End Map No 1 desc'd: cong at pt which is perpen. dist. NW 40 from NW line Huron Ave as shown said West End Map No. 1 & perpen. dist. 110-25% NE Mt. Vernon Ave NE par with NW Huron Ave 25-11% NW 90 SW 25-11% SE 90 to beg known as 256 Huron Ave. Western Furnace & Sheet Metal Works vs Building Security Corp. \$82.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
May 2, 1928—S STANFORD & BRANNAN SW 80 x SE 206.3. Sibley Grading & Teaming Co., Palace Hdw. Co., A. M. Castle & Co., Bröde Iron Wks., Johns-Manville Inc. to Crane Co., Ray Const. Co.	
May 2, 1928—SW 18th and MISSOURI S 25 x W 100. Thomas and James McKee, Frank Ostrowski, Christenson Lbr. Co., N. George Menholz, National Sheet Metal Wks., H. & H. Roofing Co., Joost Bros. to Sam and Mary Mazen.	
May 5, 1928—E 38th AVE 150 S TARAVAL S 50 x E 120. T. I. Butler to Alma M. Myers.	\$550
May 5, 1928—1584 or 83 N. DIVISADERO 100 N Chestnut N 25 x W 118-9. H. Ankers to J. A. and Corrine Frye.	
May 5, 1928—SW SCOTT and CLAY W alg S Bay 93-9 x S 50 lot 1 blk 928 Tax Collector's Records. Frank Santina to W. J. Dan, George and John Doe McKillop.	\$910.75
May 5, 1928—1660 or 763 E DOUGLASS 60 N 22nd N 25 x E 109-9. James E. Lennon Lime & Cement Co. to Anias A. and Hannah Pejpari.	
May 4, 1928—NE FLORIDA & FREIGHT AVE NE 270.5-8 N 82.11-5-8 W 25.0-3-8 S 95.71-4. Reinhardt Lumber & Planing Mill Co., D. R. Campbell, Albert Nelson, D. R. Campbell, San Francisco Terrazzo Assn. to J. A. Johnson and Antonio G. Minori.	
May 4, 1928—S BRANNAN & STANFORD NW 80 x 206-3. Decker Elec. Const. Co. to Ray Const. Co. & Crane Co.	\$1,034.16
May 3, 1928—LOT 11 BLK 2483 Assessors' May West Portal Park. Perry Pencovic to J. E. Sprague.	
May 3, 1928—W 20th AVE 100 N TARAVAL N 25 x W 120. California Steel Products Co Inc to H J Rock and W R. Bethel.	
May 3, 1928—W 45th AVE 150 S Irving S 25 x W 120. Inlaid Floor Co. to Albert W. and Ada Spelt.	
May 8, 1928—NW NAPLES 200 SW Avalon SW 25 x NW 100 blk 48 Excelsior Hdw. Assn. Mission Lumber Yard to Robert Hill, Alexander Neill, H. R. and Aminta Hubbard.	
May 8, 1928—WEST YORK 80 ft S 24th S 24 ly W 80. United Materials Co. to Nicola and Mary Balossini and E. Deuel.	\$116

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 7, 1928—N PACIFIC 97.6 W SAN-SOME W 41 N 57.6 E 1 N 11.3 E 40 S 68.9. Henry J., Mary and Ernest E. F. Sasso to whom it may concern.
 April 27, 1928—SE POTRERO AVE and 16th E alg S 16th 100 x S 45. Marion Harkins to whom it may concern.
 April 21, 1928

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
027	Barthelsson	Owner	7000
028	Dixon	Owner	4000
029	Jorgenson	Owner	1000
030	Drost	Owner	3500
031	Graves	Graves	3000
032	Groom	Trippell	4250
033	Hipkins	Owner	2000
034	Sabin	Owner	2000
035	Altermatt	Owner	9000
036	Fontaine	Maurer	35000
037	Henshaw	MacIntyre	2815
038	Muther	Owner	9800
039	Nordstrum	Reimers	17000
040	O'Neill	Furlong	15942
041	Booth	Owner	6500
042	California	Owner	10000
043	California	Littlefield	26000
044	Huffscheidt	Owner	3000
045	Johnson	Owner	660
046	Klosko	Owner	1000
047	Lasdam	Waldman	7500
048	Manhat	Heath	10200
049	Smith	Owner	5000
050	Sundbloom	Kalmodin	4000
051	Vail	Haskell	4950
052	Zumbach	Swales	11000
053	Crescent	Owner	5000
054	De Munck	Owner	5850
055	Enson	Owner	3500
056	Haynes	Whitford	5000
057	Radke	Beckett	6940
058	Buckham	Baird	4900
059	Hansen	Owner	1000
060	Ratto	Graff	1000
061	Alameda	Owner	1000
062	Alameda	Owner	1000
063	Brewer	Owner	4500
064	Justice	Owner	5000
065	Klean	Brian	3000
066	Klean	Brian	1000
067	Traver	Owner	4000
068	Clark	Sigge	4000
069	Income	Heyer	75000
070	Muller	Durgin	3000
071	Pala	Owner	3000
072	Berg	Owner	4000
073	Short	Short	7000
074	Windlind	Windlind	5880
075	Hess	Gossett	12500
076	Norris	Rost	1400
077	Schleicher	Owner	1400
078	Woolpert	Bortveit	7990
079	Barrett	Owner	4000
080	Bent	Owner	1200
081	Fong	Sommarstrom	7600
082	Guinta	Loughrey	1800
083	Morris	Reeves	1500
084	Squires	Owner	4000
085	Waine	Owner	4150
086	Bertins	Sullivan	1500
087	Fearey	Delkin	20000
088	Magnavox	Christensen	7000
089	Raby	Harold	3500
090	Raber	Owner	6100
091	Barling	Fisher	3000
092	Bowersmith	Kurtz	18900
093	Chamberlain	Johnson	36830
094	Chingnepel	Owner	3000
095	Federal	Bay	1200

RESIDENCE

(1027) 1159 KEELER AVE., Berkeley; 2-story 6-room 1-family residence. Owner—A. C. Barthelson, 1022 Cornell Ave., Albany. Architect—None. \$7,000

RESIDENCE

(1028) 874 ENCINARDA AVE., Berkeley; 1-story 6-room 1-family residence. Owner—Constance G. Dixon, 59 Northhampton Road, Berkeley. Architect—H. W. Dixon, 55 Northhampton, Berkeley. \$4,000

ALTERATIONS

(1029) 1500 HOLLEY ST., Berkeley; alterations. Owner—E. G. Jorgenson, premises. Architect—None. \$1,000

DWELLING

(1030) 3844 LYMAN ROAD, Oakland; 1-story 6-room dwelling. Owner—J. Drost, 1439 Havenscourt Blvd. Oakland. Architect—None. \$3,500

DWELLING

(1031) N MIRA VISTA AVE., 200 W Valle Vista, Oakland; 1-story 5-room dwelling. Owner—Alice Graves, 629 Valle Vista Ave. Oakland. Architect—None.

Contractor—J. L. Graves, 629 Valle Vista Ave., Oakland. \$3,000

DWELLING & GARAGE

(1032) 4701 ALLENDALE AVE., Oakland; 1-story 6-room dwelling and 1-story garage. Owner—S. F. Groom, 1652 100th Ave., Oakland. Architect—None. Contractor—Karl Trippell, 1652 100th Ave., Oakland. \$4000 & \$2000

ALTERATIONS

(1033) 1620 51st AVE., Oakland; alterations. Owner—P. Hipkins, 1620 51st Ave., Oakland. Architect—None. \$2,000

DWELLING

(1034) N MONTANA ST., 300 W Fruitvale Ave., Oakland; 1-story 4-room dwelling. Owner—E. Sabin, 3429 Dimond Ave., Oakland. Architect—None. \$2,000

RESIDENCE

(1035) NO. 100 SCENIC AVE., Piedmont Two-story 8-room frame residence. Owner—J. F. Altermatt, 1000 Cragmont Ave., Berkeley. Architect—None. \$9000

RESIDENCE

(1036) NO. 320 HAMPTON ROAD, Piedmont. Two-story 13-room frame residence and garage. Owner—Pierre A. Fontaine, 3501 Grand Ave., Oakland. Architect—Newsom & Newsom, 14 Montgomery St., San Francisco. Contractor—Geo. J. Maurer Co., 50 York Drive, Piedmont. \$35,000

RETAINING WALL

(1037) NO. 25 GLEN ALPINE ROAD, Piedmont. Retaining wall. Owner—Griffith Henshaw, Premises. Architect—Arthur Cobbleddick, 1670 Mountain Blvd., Oakland. Contractor—B. S. MacIntyre, 468 Crescent St., Oakland. \$2815

RESIDENCE

(1038) NO. 805 HIGHLAND AVE., Piedmont. Two-story 8-room frame residence and garage. Owner—G. W. Muther, 5519 Thomas St., Oakland. Architect—None. \$9800

RESIDENCE

(1039) NO. 4 BELL AVE., Piedmont Two-story 8-room frame residence and garage. Owner—S. J. Nordstrum, 769 Trestle Glen Road, Oakland. Architect—A. Herberger. Contractor—L. H. Reimers, 745 Valavista Ave., Oakland. \$17,000

RESIDENCE

(1040) NO. 9 WINGARDE AVE., Piedmont. Two-story 9-room frame residence and garage. Owner—J. W. O'Neill, 4646 Park Blvd., Oakland. Architect—W. E. Schirmer, 700 21st St., Oakland. Contractor—Thos. F. L. Furlong, 460 Jerome Ave., Piedmont. \$15,942

TILE ADDITION

(1041) NE FOURTEENTH ST., 95 W 41st Ave., Oakland. One-story and Tile Addition. Owner—C. S. Booth, 375 Euclid Ave., Oakland. Architect—None. Contractor—Owner. \$6,500

BRICK FACTORY

(1042) S 85TH AVE., inter. S. P. R. R. One-story Brick Factory. Owner—California Packing Corp., 101 California St., San Francisco. Architect—None. Contractor—Owner. \$10,000

ALTAR ADDITION

(1043) 85TH AVE. and Russett Street, Oakland. Altar and Addition. Owner—California Packing Corp., 101 California St., San Francisco. Architect—P. L. Bush, 101 California St., San Francisco. Contractor—R. W. Littlefield, 337 17th St., Oakland. \$26,000

DWELLING

(1044) N LOCKWOOD ST., 480 E 73rd Ave., Oakland. One-story 5-room Dwelling. Architect—None. Contractor—Owner. \$3,000

DWELLS & GARAGE

(1045) 2838-2844 76TH AVE., Oakland. Two One-story 5-room Dwellings & Garages. Owner—K. A. Johanson, 2429 13th Ave., Oakland. Architect—None. Contractor—Owner. \$3,300 each

DWELLING

(1046) 6207 OUTLOOK AVE., Oakland. One-story 4-room Dwelling. Architect—None. Contractor—Owner. \$1,000

DWELL & GARAGE

(1047) 5324 GOLDEN GATE AVE., Oakland. Two-story 6-room Dwelling and 1-story Garage. Owner—Dr. I. I. Lasdam, 606 Phelan Bldg., San Francisco. Architect—None. Contractor—A. E. Waldman, 386 15th St., Oakland. \$7,500

DWELL & GARAGE

(1048) MILLS COLLEGE CAMPUS Oakland. One-story 6-room Dwelling and One-story Garage. Owner—Luther Manhat, Mills College. Architect—None. Contractor—Heath & Wendt, 2116 Allston Way, Berkeley. \$10,000 & \$200

DWELLINGS

(1049) 900-04-08-12-16 40th Ave., Oakland; five 1-story 3-room dwellings. Owner—V. N. Smith, 5034 E 14th St., Oakland. Architect—None. \$1000 each

DWELLING & GARAGE

(1050) 5378 WALNUT AVE., Oakland; 1-story 6-room dwelling and 1-story garage. Owner—F. O. Sundbloom, 2764 Foothill Blvd., Oakland. Architect—None. Contractor—Harry Kolmodin, 2610 62nd Ave., Oakland. \$3750 and \$250

DWELLING

(1051) N ESTATES DR., 250 E McAndrew Dr., Oakland; 2-story 9-room dwelling. Owner—Elbert M. Vail, 22 Arbor Drive, Oakland. Architect—None. Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland. \$14,950

APARTMENTS

(1052) S 53rd ST., 170 E GENOA ST., Oakland; 2-story 11-room apts. Owner—Chas. Zumbach, 831 53rd St., Oakland. Architect—None. Contractor—Wm. H. Swales, 446 Sunny-slope Ave., Oakland. \$11,000

CLEAN & DYE PLANT

(1053) 2029 SHATUCK AVE., Berkeley; 1-story class C concrete cleaning and dyeing plant. Owner—Crescent Cleaners, Berkeley. Architect—Sullivan & Sullivan, Builders' Exchange, Oakland. \$5000

RESIDENCE

(1054) 1737 HOPKINS ST., Berkeley; 1-story 6-room 1-family residence. Owner—De Munck Bros., 410 Hudson St., Oakland. Architect—None. \$5850

RESIDENCE

(1055) 152 BLAKE ST., Berkeley; 1-story 5-room 1-family residence. Owner—W. E. Enson, 2708 10th St., Berkeley. Architect—B. M. Brown, 1531 Blake St., Berkeley. \$3500

RESIDENCE

(1056) 1021 MILLER AVE., Berkeley; 1-story 6-room 1-family residence. Owner—Evan Haynes, 918½ Encenarda Ave., Berkeley. Architect—None. Contractor—W. T. Whitford, 421 42nd St., Oakland. \$5000

RESIDENCE

(1057) 546 ARLINGTON AVE., Berkeley; 2-story 6-room 1-family residence. Owner—M. H. Radke, 722 Scenic Ave., Piedmont.

W. H. G. Snyder, 2108 Addison St.,
Berkeley.
Owner—P. Kett & Wright, 621 Seaside
Ave., Piedmont. \$6900

DWELLING
(1931) L. BUCKEY, 79 S Canon View
Lane, Oakland. One-story 6-room
dwelling.
Owner—W. B. Buckham, 352 Dutton
Ave., San Leandro.
Architect—None.
Contractor—L. M. Baird, 1931 Bay View
Ave., Oakland. \$4900

WAREHOUSE
(1930) NO. 1700 E-TWELFTH ST., Oak-
land. One-story warehouse.
Owner—K. L. Hansen, 1296 San Pablo
Ave., Oakland.
Architect—None. \$1000

STATION
(1906) E PERALTA 12 N Sixteenth,
Oakland. One-story steel service
station.
Owner—G. Ratto, 420 Lee St., Oakland.
Architect—None.
Contractor—E. C. Graff, 420 Lee St.,
Oakland. \$1000

ADDITIONS TO COTTAGES
(1901) NEPTUNE BEACH, Alameda;
additions to cottages at Beach.
Owner—Alameda Park Co. (R. C. Streh-
low), Neptune Beach.
Architect—Owners. \$1000

ADDITIONS TO COTTAGES
(1902) NEPTUNE BEACH, Alameda;
additions to cottages at Beach.
Owner—Alameda Park Co. (R. C. Streh-
low), Neptune Beach, Alameda.
Architect—Owners. \$1000

RESIDENCE
(1903) 1204 WALNUT ST., Berkeley; 1-
story 6-room 1-family residence.
Owner—Edward Brewer, 2110 Stuart St.,
Berkeley.
Architect—None. \$4500

DWELLING
(1904) 920 BROADWAY, Alameda; 1-
story 6-room dwelling; stucco finish.
Owner—N. P. Justice, 3232 Bayo Vista
Ave., Alameda.
Architect—Owner. \$5000

AUTO LAUNDRY
(1905) SE COR PARK AVE. and Central
Ave., Oakland; auto laundry, wash-
ing autos.
Owner—Klean Rite Auto Laundry Co. of
California, 418 Rialto Bldg., San Fran-
cisco.
Architect—Owners.
Contractor—Walter D. Brian, 418 Rialto
Bldg., San Francisco. \$300.

SERVICE STATION
(1906) SE COR PARK AVE. and Central
Ave., Alameda; super-service station,
polishing and greasing autos.
Owner—Klean Rite Auto Laundry Co. of
California, 418 Rialto Bldg., San Fran-
cisco.
Architect—Owners.
Contractor—Walter D. Brian, 418 Rialto
Bldg., San Francisco. \$1000

DWELLING
(1907) 1741 VERSAILLES AVE., Ala-
meda; 1-story 6-room dwelling, ce-
ment plaster finish.
Owner—C. L. Traver, 2315 Santa Clara
Ave., Alameda.
Architect—Owner. \$100

DWELLING
(1908) E WEST ST. 106 S 32nd ST., Oak-
land; 1-story 6-room dwelling.
Owner—A. J. Clark, 873 West St., Oak-
land.
Architect—None.
Contractor—V. E. Sigge, 2912 Linwood
Ave., Oakland. \$4900

OFFICE BLDG
(1909) N 14th ST. 50 W WEBSTER ST.,
Oakland; 6-story brick office bldg.
Owner—Income Properties Inc., Central
Bank Bldg., Oakland.
Architect—P. H. Reimers, Franklin Bldg.,
Oakland.
Contractor—Chas. W. Heyer, Jr., Mills
Bldg., San Francisco. \$75,000

STORE
(1910) S FOOTHILL BLVD., 40 E 75th
Ave., Oakland; 1-story store.
Owner—Jacob Muller, no address.
Architect—None.
Contractor—S. W. Durkin, 3922 La Cresta
Ave., Oakland. \$3000

DWELLING
(1911) W 51st AVE., 100 NE 12th ST.,
Oakland; 1-story 6-room dwelling.
Owner—Frank C. Pala, 1211 51st Ave.,
Oakland.
Architect—None. \$3000

DWELLING
(1912) 3528 JORDAN ROAD, Oakland;
1-story 6-room dwelling.
Owner—Berg & Swanson, 3854 Midvale
Ave., Oakland.
Architect—None. \$4000

DWELLING
(1913) S CALMAR AVE., 400 W CARL-
STON AVE., Oakland; 2-story 7-
room dwelling.
Owner—Louise H. Short, no address.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave.,
Oakland. \$7000

ALTER & ADDITION
(1914) 524 MONTCLAIR AVE., Oakland;
alterations and additions.
Owner—Bessie V. Windlind, 524 Mont-
clair Ave., Oakland.
Architect—None.
Contractor—P. N. Windlind, 524 Mont-
clair Ave., Oakland. \$5880

RESIDENCE
(1915) NO. 21 CREST ROAD, Piedmont.
Two-story 10-room frame residence
and garage.
Owner—Philip Hess, 3309 Hampton Road,
Piedmont.
Architect—J. L. Johnson, 1919 Hearst
Ave., Berkeley.
Contractor—C. A. Gossett, 570 E-14th
St., Oakland. \$12,500

ALTERATIONS
(1916) NO. 2023 OAKLAND AVE., Pied-
mont. Alterations.
Owner—L. H. Norris, Premises.
Architect—None.
Contractor—A. J. Rost, 6593 Raymond St.,
Oakland. \$1400

GARAGE
(1917) NO. 2040 DWIGHT WAY, Ber-
keley. One-story Class C garage.
Owner—H. Schliecher, 2506 Shattuck
Ave., Berkeley.
Architect—F. P. Butterfield, 2488 Shat-
tuck Ave., Berkeley. \$1400

RESIDENCE
(1918) NO. 1008 CRAGGMONT AVE., Ber-
keley. Two-story 7-room 1-family
residence.
Owner—R. M. Woolpert, 2237 Cedar St.,
Berkeley.
Architect—None.
Contractor—Bortveit & Morton, 2242 Rus-
sell St., Berkeley. \$7990

DWELLING
(1919) W 67th AVE., 30 S Pedestrian
Way, Oakland. One-story 5-room
dwelling.
Owner—Jas. C. Barrett, 6147 Laird Ave.,
Oakland.
Architect—None.
Contractor—Owner. \$4000

SHED
(1920) W SEVENTEENTH AVE., S. S.
P. R. R., Oakland. One-story Shed.
Owner—Bent Concrete Pipe Co., prem-
ises, Oakland.
Architect—None.
Contractor—Owner. \$1200

GARAGE
(1921) W SECOND AVE., 85 N East
12th St., Oakland. One-story Brick
Garage.
Owner—Fong Rav & Chin Teal, 576 10th
Street, Oakland.
Architect—None.
Contractor—Sommarstrom Bros., 1409
Webster St., Oakland. \$7600

DWELL & STORE
(1922) SE COR. THIRD & Linden Sts.,
Oakland. One-story 3-room Dwell-
ing and Store.
Owner—Joe Guinta, 362 Linden Street,
Oakland.
Architect—None.
Contractor—J. T. Loughrey, 705 31st St.,
Oakland. \$1800

FIRE REPAIRS
(1923) 3539 REDDING ST., Oakland.
Fire Repairs.
Owner—Mrs. Grace Morris, Premises.
Architect—None.
Contractor—R. E. Reeves, Jr., 1465
Fruitvale Ave., Oakland. \$1500

DWELLING
(1924) 3050 55TH AVE., Oakland. On-
story 7-room Dwelling.
Owner—C. R. Squires, 2302 Fruitva
Ave., Oakland.
Architect—None.
Contractor—Owner. \$400

DWELL & GARAGE
(1925) S PINEWOOD ROAD, 150 N
Mountain Blvd., Oakland. One-
Story 5-room Dwelling & Garage.
Owner—Waine Bros., 419 E Merle Cou
San Leandro.
Architect—None
ALTERATIONS
(1926) 1999 ADDISON ST., Berkeley; al-
terations.
Owner—Bertins Cleaning Co., 2020 Mil
via, Berkeley.
Architect—None.
Contractor—Sullivan & Sullivan, E 17th
Berkeley. \$150

APT. HOUSE & STORES
(1927) W SIDE ADELIN ST., Emery-
ville; erect apartment house and
stores, 304 ft. N 43rd St.
Owner—Al M. Fearey, 4377 Adeline St.,
Emeryville.
Architect—None.
Contractor—Deldin & Knight, 378 63rd St.
\$20,00.

FACTORY BLDG.
(1928) E SIDE HORTON ST., Emery-
ville; 1-story brick factory 100 ft. S
of 45th St.
Owner—Magnavox Co., 45th and Horton,
Oakland.
Architect—None.
Contractor—H. J. Christensen, 519 Ray
Bldg., Oakland. \$7,000

RESIDENCE
(1929) 2817 ACTON ST., Berkeley; 1-
story 6-room 1-family residence.
Owner—L. Percy, 1101 22nd St., Oakland.
Architect—W. W. Dixon, 144 5th Ave.,
Oakland.
Contractor—Harold Summers, 1101 22nd
Ave., Oakland. \$3,500

RESIDENCE
(1930) 722 CRAGMONT AVE., Berkeley;
1-story 6-room 1-family residence.
Owner—J. G. Raber.
Architect—W. G. Foster, 140 Ardmore
Road. \$6100

DWELLING
(1931) 4290 DETROIT ST., Oakland; 1-
story 5-room dwelling.
Owner—Wm. H. Bartling, 1824 Chestnut
St., Oakland.
Architect—None.
Contractor—J. G. Fisher, 3670 Lilly St.,
Oakland. \$2,0

DWELLING
(1932) W LONGRIDGE ROAD, 1000 N
Lakeshore Ave., Oakland; 2-story 11-
room dwelling.
Owner—Adele Bowersmith, 1311 El Cen-
tro Ave., Oakland.
Architect—Wm. E. Schirmer, 700 21st St.,
Oakland.
Contractor—F. A. Kurtz, 364 41st St.,
Oakland. \$18,900

BRICK STORES
(1933) NE COR 9th & BROADWAY,
Oakland; 1-story brick stores.
Owner—Selah Chamberlain, Mills Bldg.,
San Francisco.
Architect—W. G. Cannon, Ray Bldg.,
Oakland.
Contractor—S. G. Johnson, 4652 Dolores
Ave., Oakland. \$36,830

DWELLING
(1934) 2601 SCHOOL ST., Oakland; 1-
story 5-room dwelling.
Owner—C. T. Clingenpeel, 2601 School St.,
Oakland.
Architect—None. \$3,000

ALTERATIONS
(1935) 3301 GRAND AVE., Oakland; al-
terations.
Owner—Federal Drug Co., 3301 Grand
Ave., Oakland.
Architect—None.
Contractor—Bay City Cabinet Co., 1076
5th St., Oakland. \$1,200

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 8, 1928—SE MARKET 78 NE 6th
NE alg Market 98-6 x SE 170 to NW
Stevenson. Lesser Realty & Invest-
ment Co. to whom it may concern.....
May 4, 1928

BUILDING CONTRACTS

Alameda County

No.	Owner	Contractor	Amt.
38	Pacific	Lawton	2034
39	Vail	Haskell	12013
41	Alaska	Heafey	4550
42	Livingston	Dyer	60009

BUILDING

(138) 1st and CLAY STS., Oakland; all work.

Owner—Pacific Gas & Elec. Co., 17th & Clay Sts., Oakland.

Architect—None.

Contractor—Lawton & Vezey, 354 Hobart

Oakland.

Filed May 3, 1928. Dated April 23, 1928.

Let. 1st and 15th of each month 75%

of value, inc.

Balance usual 35 days.

TOTAL COST, \$7,034

Bond, \$7034; sureties, Pacific Indem. Co.;

forfeit, none; limit, 45 days; plans and

pec. filed.

BUILDING

(139) PTN LOT 7 BLK F MONTCLAIR

ACRES, Oakland; all work.

Owner—Elbert M. Vail, Piedmont.

Architect—Williams & Wastell, 374 17th

St., Oakland.

Contractor—Albert A. Haskell, 255 Ridge-

way, Oakland.

Filed May 3, 1928. Dated April 30, 1928.

When frame is up.....\$2403.65

When brown coated.....2403.65

When ready for paint.....2403.65

When completed.....2403.65

Usual 35 days.....2402.65

TOTAL COST, \$12,018.25

Bond, sureties, forfeit, none; limit,

90 days; plans and spec. filed.

BUILDING

(140) LOT 149 BLK I, FERNSIDE, Ala-

meda; all work.

Owner—Louis B. Gordon Jr., 1719 13th

Ave., Alameda.

Architect—None.

Contractor—Noble F. Justice, 2323 Santa

Clara, Alameda.

Filed May 4, 1928. Dated April 30, 1928.

When roof is on.....\$1000

When brown coated.....1000

When completed.....1000

35 days after completion.....1000

Note and Tr. Deed for balance.

TOTAL COST, \$6500

Bond, sureties, forfeit, none; limit, 90

days; plans and spec. filed.

GRADING & PAVING

(141) PROPERTY OF ALASKA PACK-

ERS ASSN., Alameda; grading and

concrete paving.

Owner—Alaska Packers Association, 111

California St., San Francisco.

Architect—Philip L. Bush, 2601 Broad-

way, San Francisco.

Contractor—Heafey-Moore Co., 344 High,

Alameda.

Filed May 5, 1928. Dated May 2, 1928.

When E ½ of roadway is com-

plete.....\$1706.25

When all is completed.....1706.25

36th day after filing completion 1137.50

TOTAL COST, \$4550

Bond, \$4450; sureties, W. S. Fidelity &

Guaranty Co.; forfeit, none; limit, 50 days

after May 6, 1928; plans and spec. filed.

BUILDING

(142) 391 FAIRMOUNT AVE., Oakland;

all work.

Owner—A. C. Livingston, 3918 Cerrito,

Piedmont.

Architect—Eldridge T. Spencer, Shreve

Bldg., San Francisco.

Contractor—The Dyer Const. Co., Ray

Bldg., Oakland.

Filed May 7, 1928. Dated April 30, 1928.

25% when enclosed.

25% when plastered.

25% when notice of completion is filed

25% at expiration of Lien Period.

TOTAL COST not to exceed \$60,000

Cost plus 4% and \$10 per day.

Bond, sureties, forfeit, none; limit, 5

months; plans and spec. filed.

OAKLAND BUILDING SUMMARY

Following is a report of building activities in Oakland for the month of April, 1928, as compiled by A. S. Holmes, city building inspector:

1-story dwellings.....	82	\$ 264,280
1-story 2-fam. dwellings.....	1	3,500
1-story 3-fam. dwellings.....	1	5,900
1-story 4-fam. dwellings.....	1	7,000
2-story dwellings.....	10	93,255
2-story apartments.....	4	76,900
3-story apartments.....	5	258,000
1-story stores.....	3	10,000
1-story factory.....	3	2,600
1-story warehouse.....	1	4,950
1-story comfort station.....	2	7,132
1-story loading shed.....	1	5,000
2-story school.....	1	15,400
2-story mortuary.....	1	30,000
1-story brick Cleaning & Dyeing Works.....	11	2,000
1-story brick whse.....	1	9,000
1-story brick school.....	3	137,387
1-story brick garage.....	3	9,550
1-story brick shop.....	1	800
2-story brick Tel. Exch.....	1	134,715
Brick addition.....	1	1,100
1-story brick & Tile Ser. station.....	2	3,500
2-story concrete gym.....	1	121,000
2-story concrete home.....	1	80,000
1-story tile warehouse.....	1	3,000
1-story tile factory.....	1	7,000
1-story tile garage.....	1	2,000
1-story tile shop.....	1	8,500
1-story garages & sheds.....	101	23,628
Elevator.....	1	1,250
Billboards.....	24	3,225
Electric signs.....	38	10,361
Roof sign.....	1	575
Additions.....	58	54,428
Alterations & repairs.....	112	84,378
Total.....	480	\$1,480,414

COMPLETION NOTICES

Alameda County

Recorded	Accepted
May 2, 1928—S LINE BAY ISLAND Ave 345 ft E of Regent St., Alameda. Noble F. Justice to whom it may concern.....April 30, 1928	
May 2, 1928—LOT 22 Buena Vista Tct., Berkeley. Selma Wene to whom it may concern.....April 27, 1928	
May 2, 1928—LOT 31 Broadmoor Park, San Leandro. H O and S Fanny Townsend to E R Blabon.....May 2, 1928	
May 2, 1928—4227 HOLLIS ST., Emeryville. Gardner Elec. Mfg. Co. to Austin Company of Calif.....April 20, 1928	
May 2, 1928—LOT 396 BLK N, Fernside, Alameda. W. E. Willis to whom it may concern.....April 20, 1928	
May 2, 1928—HAYWARD, Alameda Co. Southern Pacific Co. to Worden and Forsythe.....April 30, 1928	
May 2, 1928—LIVERMORE, Southern Pacific Co. to Hutchinson Co.....April 28, 1928	
May 2, 1928—WEST OAKLAND, Southern Pacific Co. to P. T. Frentzen.....April 29, 1928	
May 2, 1928—LOT 30 Broadmoor Park, San Leandro. Helen W. Jackson to whom it may concern.....May 2, 1928	
May 2, 1928—5814 FLEMING AVE., Oakland. Mrs. Earl C. Bissell to Frank Carr.....April 23, 1928	
May 2, 1928—3950 PERALTA AVE., Oakland. Sigwald Beros to whom it may concern.....April 28, 1928	
May 2, 1928—PTN LOT 45 Blk 5, North Cragmont Subdivision, Alameda Co. Henry B. Gross to whom it may concern.....May 1, 1928	
May 3, 1928—LOT 4 BLK 23, Resub of a ptn of North Cragmont, Berkeley.	

John S. Widney to whom it may concern.....May 3, 1928

May 2, 1928—2339 HILGARD AVE., Berkeley. Parsons & Schuster to Parsons & Schuster.....May 2, 1928

May 3, 1928—PTN LOT 12 BLK 21, North Cragmont, Berkeley. Fidelity Mtg. Securities Co. of Calif. to Mac Jordan.....April 30, 1928

May 3, 1928—STATION 1839 98 EAST-ERLY to west portal of Lancha Plana tunnel in Calaveras Co. East Bay Municipal Utility Dist. to Twohy Bros. Co. and J. F. Shea Co.....March 29, 1928

May 3, 1928—W BANK OLD RIVER in Contra Costa Co. to Station 1839-98 in San Joaquin Co. East Bay Municipal Utility Dist. to Twohy Bros. Co. and J. F. Shea Co.....Mar. 2, 1928

May 3, 1928—LOT 32 BLK C Amended Mp of Lorin Heights Tract, Berkeley. John R. Hoskins to J. R. Hoskins.....April 13, 1928

May 3, 1928—S LINE 40th ST. 100 ft W of Telegraph Ave., Oakland. Kent J. C. Seymour to N. A. Anderson.....March 28, 1928

May 3, 1928—1701 GROVE ST., Berkeley. Albert Kessler to Harry E. Kane.....May 2, 1928

May 5, 1928—NO. 2339 HILGARD Ave., Berkeley. Parsons & Schuster to Parsons & Schuster.....May 4, 1928

May 5, 1928—LOT 12 Map Ppty of Capital Homestead Assn., Oakland. Victor A. Dunn to W C Dunn.....May 5, 1928

May 5, 1928—BLKS 9, 10, 11 AND 12 Oakland Terminal, Emeryville. Pacific Gas & Electric Co to Fireproofing Engineering Co.....April 26, 1928

May 5, 1928—LOT 53 Nova Piedmont. Russell Adams to W J Baker.....May — 1928

May 5, 1928—LOT 3 BLK 16, Boulevard Park, Oakland. H and Hermila C Aronsen to whom it may concern.....April 24, 1928

May 2, 1928—LOT 4 REQUA HIGHLANDS, Piedmont. T. E. and Marjorie B. Johnston to Alex C. Wieben.....May 1, 1928

May 4, 1928—2819 RAWSON ST., Oakland. H. G. Cunningham to W. P. Harwood.....May 4, 1928

May 4, 1928—3215 CURRAN AVE., Oakland. W. H. Warren to whom it may concern.....May 4, 1928

May 4, 1928—LOT 1117 SMITH RESERVE, Oakland. Realty Syndicate Co. to David Nordstrom.....April 30, 1928

May 4, 1928—LOT 1030 SMITH RESERVE, Oakland. Realty Syndicate Co. to David Nordstrom.....April 30, 1928

May 4, 1928—LOT 119 EL PORTAL, Eden Twp. C. P. Murdock to David Nordstrom.....April 30, 1928

May 4, 1928—LOT 466 EL PORTAL, Eden Twp. C. P. Murdock to David Nordstrom.....April 30, 1928

May 7, 1928—1832 105th AVE., Oakland. Stephen Joyce to C. R. Squires.....May 2, 1928

May 8, 1928—LOT 30 BLK 1526 Poirier Tract, Oakland. Frederick A. Adams to Curtis Wright.....May 4, 1928

May 8, 1928—16 CAMBRIDGE AVE. near Haywards, Eden Twp. Wm. A. Boedt to Jacob Boedt.....May 5, 1928

May 8, 1928—LOT 41 BLK 15, North Cragmont Tract. R. N. Altermatt to whom it may concern.....May 5, 1928

May 8, 1928—3308, 3312, 3316 PARK Blvd., Oakland. C. Mackintosh to A. F. Kohle.....May 7, 1928

LIENS FILED

Alameda County

Recorded	Amount
May 8, 1928—3305 E 14th ST., Oakland. E. J. Hoerst vs J. H. W. and Auguste Browning and Gus Christu.....\$74.19	
May 7, 1928—SE 8th & WEBSTER STs., Oakland. Sunset Lbr Co vs James Rohan and William J. McCormack.....\$468.93	
May 2, 1928—BLK 38 LOT 12 Chevrolet Park, Oakland. East Bay Lbr & Mill Co vs Harry A. Smith.....\$529.76	
May 2, 1928—NW DOWLING BLVD. and East Merle Court, San Leandro. B F Davis vs Hazel S Anderson.....\$68.60	
May 2, 1928—LOTS 33 and 34 Blk 19, Amended map of Sunset Terrace, Albany. The California Door Co vs Helen and James Santry and Martha Boyne.....\$145	

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

BUILDING CONTRACTS

ALAMEDA COUNTY

N. Owner	Contractor	Am't.
May 4, 1928—106 1/2 15th St., Oakland	Lawton	2631
May 4, 1928—106 1/2 15th St., Oakland	Lawton	2631
May 4, 1928—PTN LOTS 11 AND 15		
Lot 22 Map of Blks 20, 21, 22, 23 and		
24, 14, 15 and Oaks, Berkeley. H. C.		
Anderson to Gwendoline M. Raiston		
and Raiston & Anderson		\$150
May 4, 1928—LOTS 31 and 35 Orange		
Grove Pct., San Leandro. S. Gruntho		
to Sherman Kemp Sr., Oakland Title		
Insurance & Guaranty Co.		\$82.00
May 4, 1928—LOT 62 BLK 8, North		
Clarendon, Berkeley. Pacific Mfg.		
Co. to O. F. Lyon, H. B. Wintning-		
ham		\$83
May 7, 1928—NW COR EAST MERLE		
Court and Dowling Blvd., San Le-		
andro. Murphy & Murphy, \$3150;		
John Landsey, \$6150, vs F. J. and		
Hazel Anderson.		
May 7, 1928—LOT 85 and PTN LOT 81		
Dutton Manor Addn., San Leandro.		
Central Bldg. Material Co. to Hazel		
S. and F. J. Anderson.		\$189.20
May 7, 1928—PTN LOTS 81 and 85,		
Dutton Manor Addn., San Leandro.		
Neighbor's Lumber Yard to Hazel S.		
and F. J. Anderson.		\$203.14
May 7, 1928—PTN LOTS 81 and 85,		
Dutton Manor Addn., San Leandro.		
B. F. Davis to Hazel S. Anderson.		\$68.60
May 7, 1928—SW COR EAST MERRITT		
COURT and Dowling Blvd., San Le-		
andro. F. N. Jensen to F. J. Ander-		
son.		\$10
May 7, 1928—800 DOWLING BLVD.,		
San Leandro. Clyde J. Armosino to		
F. J. Anderson.		\$272

BUILDING PERMITS

(San Rafael, Marin County)

Following building permits were issued by V. H. Becker, city building inspector, during the month of April, 1928:

Tove Stretton, 620 Lincoln Ave., dwelling. Cost, \$5000.

Violet Wright, 7 Alvina Ave., garage. Cost, \$200.

H. C. Milne, 505 Irwin St., alter dwelling. Cost, \$75.

McPhail Bros., E side C St. of Third St., store building. Cost, \$4500.

W. B. Easton, McCoyd Road, dwelling. Cost, \$4000.

Cal. Petroleum Corp., SW Irwin and Fourth Sts., service station. Cost, \$2000

E O'Connor, NE Fifth and 1 Sts., dwelling. Cost, \$3200.

G. Alpers, SE Fourth and Tamalpais Sts., alter dwelling. Cost, \$1000.

C. H. DuBois, E C St., bet. 3rd and 4th Sts., laundry building. Cost, \$6000.

A. S. Ritter, toll road and 3rd St., service station. Cost, \$150.

J. Harold Dollar, 740 Sixth St., hot-house. Cost, \$1500.

C. J. Duncan, Prospect Place, dwelling. Cost, \$3350.

Frank C. Sherman, Union St., add to dwelling. Cost, \$125.

Mrs. Anna Kenna, Southern Heights, alter dwelling. Cost, \$1800.

BUILDING PERMITS

SAN JOSE

RESIDENCE, 5-room, \$3750; Emory St. near The Alameda, San Jose; owner, L. Simone, 861 Pine St., San Jose; contractor, G. Garavaglia & Son, 872 N-17th St., San Jose.

ADDITION, \$2500; Santa Clara and 17th Sts., San Jose; owner, American Dairy, Premises; contractor, Wm. J. Bieger, 965 E-Santa Clara St., San Jose.

RESIDENCE, 5-room, \$3750; Hawthorne St. near First, San Jose; owner, H. DeSmet, 333 N-13th St., San Jose.

RESIDENCE, 5-room, \$5000; 17th St. near Mission, San Jose; owner, Mary Lirati, 865 N-17th St., San Jose; contractor, G. Garavaglia, 872 N-17th St., San Jose.

RESIDENCE, 6-room, \$6000; Shepard St. near Willow, San Jose; owner, Thos. Glen, 810 Pine Ave., San Jose.

INDUSTRIAL building, \$56,000; Sixteenth and St. John Sts., San Jose; owner, Temple Laundry Co., Inc., 15th and St. John Sts., San Jose; architect, Binder & Curtis, 35 W-San Carlos St., San Jose; contractor, E. Nommensen, Commercial Club Bldg. 28 N-First St., San Jose.

COMBINATION store, residence and oil station, \$2500; NW 11th and Washington Sts., San Jose; owner, S. Castro, 143 Lewis St., San Francisco.

RESIDENCES (4) 4-room, \$2500 each; 14th and St. James Sts., San Jose. owner, Mrs. M. C. Studer, 22 N-14th St., San Jose; contractor, Thoma. Herschbach.

ALTERATIONS, \$4500; Santa Clara St. near Third, San Jose; owner, R. Rampone, 70 E-Santa Clara St., San Jose; architect, Wolfe & Higgins, 19 N-Second St., San Jose; contractor, Callison & Baker, 724 S-Sixth St., San Jose.

RESIDENCE, 4-room, \$2000; Locust St. near Virginia, San Jose; owner, Lucca Trapani; contractor, V. Lonati, Hicks Ave., San Jose.

RESIDENCE, 6-room, \$4000; Park St. near Race, San Jose; owner, R. Bigongari, 259 Dupont St., San Jose.

RESIDENCE, 5-room, \$2750; Empire St. near Anita St., San Jose; owner, Chas. Mikus, 315 W-Empire St., San Jose.

ALTER business building, \$3900; No. 60 N-Market St., San Jose; owner, Max Bloom, 135 S-First St., San Jose; architect, H. Krause, 243 N-Ninth St., San Jose; contractor, H. A. Bridges, 1389 Lincoln St., San Jose.

RESIDENCE, 5-room, \$4500; Snyder St. near Delmos, San Jose; owner, A. E. Lawrence, 37 Fountain St., San Jose contractor, Ed Delmaestro, 424 W-Julian St., San Jose.

ALTER business building, \$1000; Second St. near Fountain, San Jose; owner, Louis Gairand, 107 N-First St., San Jose; architect, Wolfe & Higgins, 19 N-Second St., San Jose; contractor, Ben. Quinet, 655 Riverside St., San Jose.

RESIDENCE, 2-story 6-room, \$5000; NE St. James and Twelfth Sts., San Jose; owner, Mrs. Barbara Luch-singer, 555 E-St. James St., San Jose contractor, Tynan Lumber Co., 1090 The Alameda, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
April 23, 1928—BLDG. on LOTS 2 and Mary L. Gordon Tr. L. P. Edwards to whom it may concern.	April 20, 1928
April 23, 1928—BLDG. on NE GREEN-WOOD Ave. 140 ft. NW Davis St., San Jose. William H. O'Neil to whom it may concern.	April 20, 1928
April 24, 1928—BLDG. on LOT 1 Taylor Subdv. of Blk 11 Cook & Branham Addn. August S. Garlato et al to whom it may concern.	April 24, 1928
April 24, 1928—BLDG. on LOT 48 Shafter Subdv. B. E. Hinkley to whom it may concern.	April 24, 1928
April 24, 1928—BLDG. on LOT 2 BLK 1; Lenarum Tract. Robert C. Douglas to whom it may concern.	April 23, 1928
April 24, 1928—BLDG. on W ALTAS Ave. 846.50 feet S Alameda. Clyde	

Alexander to whom it may concern.

Recorded	Accepted
April 24, 1928—BLDG. on LOT 3 NAR-VAEZ RANCHO Tr. W. F. Dixon et al to whom it may concern.	April 24, 1928
April 24, 1928—BLDG. on E 3rd St 228 1-12 ft S Taylor St., San Jose. Andrea Carcello et al to whom it may concern.	April 23, 1928
April 25, 1928—BLDG. on S ALAMEDA bet. Cleaves and Sunol St. C. L. Bronson to whom it may concern.	April 21, 1928
April 26, 1928—BLDG. on PTN LOT 2 Blk 2 Bettencourt Subdv. No. 2. Ira Brotzman to whom it may concern.	April 25, 1928
April 26, 1928—BLDG. on PT LOT 2 Blk 4 R 3 S Bailey Addn Mt. View. Earl D. Minton to whom it may concern.	April 26, 1928
April 27, 1928—BLDG. on LOTS 3 and 4 Blk 3 Vendome Park Tract. G. A. Friedell et al to whom it may concern.	April 26, 1928
April 27, 1928—BLDG. on beg NE line 2 ac tr of Whitaker 70 ft NW from E cor said 2 ac tr. Carl C. Maurer to whom it may concern.	April 26, 1928
April 27, 1928—BLDG. on S. Sta Clara St bet 1st and Market Sts., San Jose Court. Mercury Herald Co. to whom it may concern.	April 27, 1928
April 27, 1928—E IRIS COURT 355.09 ft S Minnesota Ave. ptn lot 7 Hill & Sampson's Subdv. (Lot 6 Mrs. Cobb Subdv.), Anna D. Cobb to whom it may concern.	April 26, 1928
April 27, 1928—LOT B & PT LOTS F and G, Oak Knoll Tract. Los Gatos. Clara H. Perkins to whom it may concern.	April 26, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
April 24, 1928—SW ALAMEDA 95.25 ft. SE Hester Ave., San Jose. Atlas Heating & Ventilating Co. vs Victor A. Benson.	\$1433
April 25, 1928—36 AC BD N S. P. Rd. E Nicholas and McAllister, S Riccome & Darby. W. Duckgeischel vs Aug. Pachetti.	\$148.07

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
May 2, 1928—LOT 3 BLK 9 Burlingame Terrace. W. C. Roberts to whom it may concern.	May 2, 1928
May 2, 1928—LOT 17 BLK 10 Burlingame. U. S. Simonds to whom it may concern.	April 24, 1928
May 2, 1928—LOT 3 BLK 2 Sweeney Add. San Mateo. J. B. Weston to whom it may concern.	April 28, 1928
May 2, 1928—PT LOT K Selby Tract, San Mateo. F. G. Willis to Henry B. Post.	April 18, 1928
April 30, 1928—LOT 3 BLK 2 Stanford Week End Acres, San Mateo. J. R. Andrus to whom it may concern.	April 26, 1928
April 30, 1928—LOT 54 BLK 3 Hillcrest, San Mateo. Leo J. Makela to whom it may concern.	April 28, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
May 2, 1928—LOTS 21, 22, 23, 26 and 27 Blk 19, San Bruno. S. S. Himich et al vs Charles E. Peterson et al.	\$2586
May 2, 1928—PT BLK 4 BURLINGAME. Joseph Michel et al vs C. Thomas, et al.	\$770.25

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$4000; Lot 125 First Ave., Homestead; owner, Leadley & Wiseman, 207 2nd Ave., San Mateo; contractor, Leadley & Wiseman, 207 2nd Ave., San Mateo.

RESIDENCE, \$4000; Lot 123 Sycamore St., Homestead; owner, Leadley & Wiseman, 207 2nd Ave., San Mateo; contractor, Leadley & Wiseman, 207 2nd Ave., San Mateo.

Specify A
GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

BUILDING PERMITS**REDWOOD CITY**

RESIDENCES, four frame, \$3000 each; 1132, 38, 44, 50 Madison, Redwood City; owner, Peninsula Const. Co.; contractor, J. Morton.

RESIDENCE, frame, \$1500; 721 Lincoln St., Redwood City; owner, B. S. Carmon.

RESIDENCE, frame, \$1800; 78 Finger Ave., Redwood City; owner, John Richardson; contractor, Virgil Hall.

RESIDENCE, frame, \$3100; 411 Fuller St., Redwood City; owner, James Moore; contractor, Laxton & Young.

DWELLING, 1-story frame, \$4,000; 167 Jeter St.; owner, Kenneth Murray, Woodside Road, Redwood City; contractor, Daley Bros., 171 Jeter St., Redwood City.

DWELLING, 1-story frame, \$2,000; 25 King St., Redwood City; owner, W. S. Sterling.

BUILDING PERMITS**BURLINGAME**

BUNGALOW, \$6500; Lot 44 blk 6 Hale Drive, Burlingame; owner, J. M. and H. Nielsen, 1444 Carlos Ave., Burlingame.

RESIDENCE, \$8000; Lot 36 blk 6 Hale Drive, Burlingame; owner, Ellen Frommell; contractor, Charles Hammer, 1524 Floribunda.

BUILDING PERMITS**PALO ALTO**

RESIDENCE, frame and stucco, \$3,500; 129 Santa Rita Ave., Palo Alto; owner, Alexander P. Anderson, 378 3rd Ave., San Francisco.

BUILDING PERMITS**RICHMOND**

COTTAGE and garage, frame and plaster, \$4200; N S Gaynor bet. 18 and 20; owner, T. Kaphan, 144 10th; contractor, A. L. Rector, 425 Amador.

COTTAGE, frame and plaster; SS Colusa bet. San Joaquin and San Mateo; owner, Francis Wall, 618 Oak St., Oakland.

ADD 3 rooms and alterations, \$1200; N S Hermann bet. 16th and 17th, Richmond; owner, A. R. Harris, 1613 Hermann; contractor, J. E. Watson, 1609 Penn., Richmond.

COTTAGE and garage, frame and plaster, \$3500; N S Barrett bet. 42nd and 44rd; owner, J. E. and R. E. Wilson, 1334 24th St., San Francisco; contractor, Pacific Bldg. Co.; 1745 E 12th St., Oakland.

BENZINE room, \$1500; W S 12th bet. MacDonald and Bissell; owner, Wm. Mayer, 1116 MasDonald, Richmond; contractor, Art Builders, 1927 MacDonald, Richmond.

BUILDING CONTRACTS**MONTEREY COUNTY****RECORDED**

ALTERATIONS
MONTEREY. All work for remodeling bank building.
Owner—Monterey Bank, Monterey.
Architect—Albert F. Roller, Crocker 1st National Bank Bldg., San Francisco
Contractor—Richard Chivers, Monterey.
Filed May 2, 1928. Dated April 30, 1928
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8650
Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES**MONTEREY COUNTY**

Recorded Accepted
April 25, 1928—LOT 9 BLK 9 Map of Vista Del Ray Tract, Monterey Co., Cal. R. L. Furlong to B. Leavy.....April 21, 1928
April 25, 1928—PTN of LOTS 6, 7 and 8, Blk 2 Map of Geil, Lang & Kessel's Addn. to Salinas City. Seraphine L. Weber and Violet V. Weber to whom it may concern.....April 19, 1928
May 2, 1928—LOT 22 BLK 45 Map of

Second Add. to Pacific Grove Retreat, Monterey Co., Cal. Una W. Cary to Rosco C. Wright.....Apr. 25, 1928
May 4, 1928—LOT W½ of 1, 3, 5 in Blk 6 Withers Addn. to Monterey. E. V. Swayze to J. C. Anthony.....May 3, 1928

LIENS FILED**MONTEREY COUNTY**

Recorded Amount
April 26, 1928—ALL THAT PT OF LOTS K and L in blk 6 of Sherwood Survey of Salinas City. Tynan Lbr. Co. vs I. Toimoto, Osako Toyoshima and Tadeo Toyoshima.....\$631.42

BUILDING PERMITS**MARTINEZ**

RESIDENCE, 8-room stucco duplex, \$6500; Lot 4 Blk 16, Talbort Tract, Martinez; owner, Louis Carles; architect, J. H. Budd, 602 Thompson St., Martinez.

BUILDING PERMITS**STOCKTON**

RESIDENCE and garage, \$6,000; 105 West Euclid, Stockton; owner, C. E. Corbin, 117 West Euclid Ave., Stockton.

ELECTRIC sign, \$1250; 40 South California St., Stockton; owner, W. J. Armanino, 1428 N Madison, Stockton; contractor, Grider Elec. Co., 409 E Weber St., Stockton.

ELECTRIC sign, \$1000; 925 North El Dorado, Stockton; owner, F. S. Boggs, 1009 N El Dorado, Stockton; contractor, Grider Elec. Co., 409 E Weber St., Stockton.

NATURE of work not given, \$4500; 646 North Regent, Stockton; owner, Robert R. Wagner, 1050 W Hardin Way, Stockton, \$4500.

REMODEL residences, \$1900; 215 East Flora, Stockton; owner, Mrs. A. M. Noble, 165 E Harding Way, Stockton; contractor, J. B. Wolf, 705 N Stockton.

THREE residences and garages, \$1,600 each; 309-315-339 West Jefferson St., Stockton; owner, J. Schmart.

RESIDENCE and garage, \$2500; No. 523 E-Eighth St., Stockton; owner, A. Hollenbeck, 1401 N-San Joaquin St., Stockton.

RESIDENCE and garage, \$3200; No. 2437 E-Church St., Stockton; owner, F. M. Mange; contractor, H. Hanson, S-Garden Ave., Stockton.

RESIDENCE and garage, \$3200; No. 2437 E-Church St., Stockton; owner, F. W. and Mary A. La Berge, 120 S-Ophir St., Stockton; contractor, Harry Hanson, S-Garden Ave., Stockton.

RESIDENCE and garage, \$4800; No. 136 Fulton St., Stockton; owner, W. E. Young, 125 E-Flora St., Stockton; contractor, S. C. Giles, 130 W-Fulton Ave., Stockton.

BUILDING CONTRACTS**MARIN COUNTY****RECORDED**

RESIDENCE
SAN RAFAEL; carpenter work, etc., on 1-story frame residence.
Owner—Edmond Meyer, 1625 S San Anselmo Ave., San Rafael.
Architect—None.
Contractor—Frank Howard Allen, Inc., 232 Main St., San Anselmo.
Filed April 27, 1928. Dated April 26, 1928.
Contractor shall submit to owner bills every 30 days.
TOTAL COST, \$11,805
Bond, \$902 50. Sureties, Charles T. Lund and R. G. Duffley. Forfeit, none. Limit, 120 days. Plans and spec. filed.

COMPLETION NOTICES**MARIN COUNTY**

Recorded Accepted
April 28, 1928—SAN RAFAEL, Geo. V. Kaenel to A. R. Tissot.....April 26, 1928
April 27, 1928—ROSS VALLEY, Madrone Tract. Leon Blum to M. Linggi.....April 27, 1928
April 30, 1928—SAN ANSELMO, Ran- April 30, 1928—SAN ANSELMO, Ran- it may concern.....April 28, 1928

April 30, 1928—SAN RAFAEL, I. Schwartz to Leibert & Trobeck.....April 31, 1928
May 3, 1928—SAN ANSELMO, Randolph C. Doherty to whom it may concern.....April 24, 1928
May 3, 1928—FAIRFAX, Wm. Healy to whom it may concern.....May 2, 1928
May 4, 1928—MILL VALLEY, B. Grelthel to J H Garrett.....May 1, 1920

LIENS FILED**MARIN COUNTY**

Recorded Amount
May 4, 1928—MORINGSIDE COURT, San Anselmo. Frank M Ambrose vs Earl Doherty, Doherty Bldg & Loan Association, et al.....\$163.75

COMPLETION NOTICES**SAN JOAQUIN COUNTY**

Recorded Accepted
May 2, 1928—SEARCHLIGHT Addition to City of Stockton. Carlotta Smith to J P Smith.....April 23, 1928
May 4, 1928—LOT 16 BLK 7 Lomita Park. Joseph P. Ecker and wife to J. P. Ecker.....April 13, 1928

BUILDING PERMITS**SACRAMENTO**

RESIDENCE, 5-room and garage, \$4850; No. 800 47th St.; owner, E. E. Sydenstricker, 721 46th St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1900 45th St., Sacramento; owner, C. C. Ruby, 4616 T St., Sacramento.

RESIDENCE, 7-room and garage, \$6850; No. 3530 Curtis Way, Sacramento; owner, L. J. Miller, 732 41st St., Sacramento.

RESIDENCE, 10-room and garage, \$5000 No. 1307 Santa Ynez Way, Sacramento; owner, Beartice Bergh, 517 16th St., Sacramento.

RESIDENCE, 7-room and garage, \$6850; No. 2717 10th Ave., Sacramento; owner, L. J. Miller, 732 41st St., Sacramento.

RESIDENCE, 5-room and garage, \$3450; No. 1205 56th St., Sacramento; owner, R. Gunwalder, 2012½ H St., Sacramento.

RESIDENCE, 6-room and garage, \$3000; No. 3765 Miller Way, Sacramento; owner, George Willis, 2152 6th Ave., Sacramento.

RESIDENCE, 5-room and garage, \$3000; No. 508 La Parisima Way, Sacramento; owner, J. E. Lane, 2721 G St., Sacramento; contractor, Earl Long, 1544 48th St., Sacramento.

APARTMENT house, \$55,000; No. 800 17th St., Sacramento; owner, Mrs. M. Farrell, 1710 10th St., Sacramento; contractor, Lindgren & Swinerton, 225 Bush St., San Francisco.

RESIDENCE, 5-room and garage, \$3500; 1748 Berkeley Way, Sacramento; owner, J. M. Robick, 2930 35th St., Sacramento.

RESIDENCE, 5-room and garage, \$3500; No. 2013 27th St., Sacramento; owner, Robert Powell Co., 1309 6th St., Sacramento.

RESIDENCE, 6-room and garage, \$5000; No. 3552 Folsom Blvd., Sacramento; owner, Mrs. Joanna Wunder, 2304 Q Street, Sacramento; contractor, Paul R. Opdyke, 3239 E St., Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 3071 10th Ave., Sacramento; owner, George Guthrie, 5010 San Francisco Blvd., Sacramento; contractor, P. R. Opdyke, 3239 E St., Sacramento.

COMPLETION NOTICES**SACRAMENTO COUNTY**

Recorded Accepted
May 4, 1928—N ¼ LOT 8 W. X, 24th and 25th Sts., Sacramento. R C Kennedy to whom it may concern.....May 1, 1928
May 4, 1928—LOT 6, Western Pacific Addition, Sacramento. Richard J Nickerson and wife to whom it may concern.....May 4, 1928
May 4, 1928—LOT 44, Fair Park, Sacramento. Chas E and Dorothy M

OWING to what it may concern
 May 4, 1928
 APRIL 28, 1928—LOT 121 BLVD. TER-
 RACE, Sacramento. John H. Mc-
 Mall to whom it may concern
 April 20, 1928
 APRIL 28, 1928—LOTS 1912 and 1913
 Front Ridge Park, Sacramento. Chas.
 Friedman to whom it may concern
 April 30, 1928
 MAY 1, 1928—LOT 6, X, Y, 29th and
 30th Sts., Sacramento. Joseph A.
 and Elizabeth Corey to whom it may
 concern
 May 1, 1928
 MAY 5, 1928—LOT 235 S-CURTIS Oaks.
 N H Lund to whom it may concern
 May 1, 1928
 MAY 5, 1928—LOT 18, Schley Place,
 Sacramento. F L Francis to whom
 it may concern April 30, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded	Accepted
April 28, 1928—W 1/2 of N 1/2 lot 1 T & U 27th and 28th. G. W. Reaugh vs Irene and Pete Lopez. \$193.19	
April 28, 1928—LOT 81 S CURTIS OAKS Sub. J. S. Cinnamon vs Wal- do Green. \$80	

BUILDING PERMITS

FRESNO

ALTERATIONS and additions, \$12,800;
 1147 Fulton St., Fresno; owner, Brix
 Estate Co., Brix Bldg., Fresno; con-
 tractor, J. T. Cowan, 750 Elizabeth
 St., Fresno.
 ALTERATIONS and additions, \$10,000;
 444 O St., Fresno; owner, United
 Warehouse Co., H and Mono Sts.,
 Fresno.
 APARTMENT house, \$30,000; 1280 Lin-
 den St., Fresno; owner, Karl Hall, 610
 I St., Fresno.
 DWELLING and garage, \$3,000; 978 Wil-
 son Ave., Fresno; owner, W. T. Har-
 ris, 577 McKinley, Fresno; contractor,
 W. H. Richmond, 1238 Farris St.,
 Fresno.
 DWELLING and garage, \$3850; 929 Ter-

race Ave., Fresno; owner, Taylor &
 Wheeler, Brix Bldg., Fresno.
 DWELLING, \$12,000; 941 Clinton St.,
 Fresno; owner, E. H. Mellenkamp, 723
 Princeton Ave., Fresno.
 SCHOOL, \$169,000; Del Mar and Univer-
 sity Aves., Fresno; owner, State of
 California; contractor, Monson Bros.,
 251 Kearny St., San Francisco.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
May 4, 1928—LOTS 11 AND 12 BLK 365, Fresno. J E McDonald to whom it may concern. May 2, 1928	
May 4, 1928—LOTS 17 AND 18 BLK 71, Sierra Vista Addition No. 4, Fresno. Juel M Shirner to whom it may concern. May 3, 1928	
May 4, 1928—LOTS 7, 8 AND 9 BLK 16, College Park Addition, Fresno. Clarence E Combs to whom it may concern. May 1, 1928	
May 5, 1928—N 50 FT. LOTS 18, 19, and 20 Blk 5, Belmont Addition, Fresno. 1st Church of the Brethren of Fresno to whom it may concern. April 20, 1928	
April 30, 1928—E 55 FT W 80 FT of S 1/2 Lot 16 Normal Acres, Fresno. E. W. Condit to whom it may con- cern. April 27, 1928	
May 2, 1928—LOTS 13 to 16 Blk 101, Fresno. G. Terzian, agent for Hair- enik Assn. to whom it may concern. May 2, 1928	
May 2, 1928—LOTS 8, 9 NORMAN Ter- race, Fresno. George H. Evans to whom it may concern. May 1, 1928	
May 3, 1928—LOTS 37, 38 BLK 5 Sierra Vista Addn., Fresno. A. J. Powell to whom it may concern. May 1, 1928	

LIENS FILED

FRESNO COUNTY

Recorded	Amount
May 4, 1928—LOTS 38 AND 39 BLK 3, Blackstone Avenue Terrace No. 2, Fresno. Geo H Ankney vs W T Brown. \$178	

May 4, 1928—LOTS 5 AND 12 Part
 Lots 8, and 9 Sub. No. 6, Tran-
 quillity Col. R O Deacon Lumber
 Co vs S W and Andrey B Coffey. \$2
 April 5, 1928—FRESNO ELKS' BLDG
 Gladding, McBean & Co vs Fresno
 Elks' Bldg Co and L C Larsen. \$51
 May 2, 1928—LOTS 6 and 7 SHEL-
 BURNE Terrace. John Vierwinden
 vs L. B. Sylvia. \$1

BUILDING PERMITS

(San Anselmo, Marin County)

Following building permits were
 granted during the month of April, 1928
 by Chas. H. Cartwright, city building in-
 spector:
 W. R. Blackford, Addition. Lot 407
 Short Ranch, Sub. 2. Red Hill Ave.
 Cost \$500.
 Bank of Italy. Alterations. Portio.
 Lot 20, Linda Vista Tract. San Anselmo
 Ave. Cost, \$1000.
 Mrs. Schuler. Addition to dwelling.
 Portion Lots 2 and 3, Barber Tract, (Mc-
 Clung's Subdivision). Del Norte and
 Prospect Ave. Cost, \$300.
 L. Elgin. Garage. Lot 15, Yolanda
 Court. Cost, \$150.
 E. Dawson. Garage. Portion Lot 11
 Blk 13, Sunnyside Tract. Cost, \$200.
 R. L. Taylor. Addition to dwelling.
 Raymond Ave. Lot 185, Ross Valley Park
 Villa Lots. Cost, \$150.
 A. C. Nicolaisen. Dwelling and ga-
 rage. Lot 6 Blk 7, Morningside Court.
 Broadmoor Ave. Cost, \$4000.
 A. C. Nicolaisen. Dwelling and ga-
 rage. Lot 7 Blk 7, Morningside Court.
 Broadmoor Ave. Cost, \$4000.

LIENS FILED

MONTREY COUNTY

Recorded	Amount
May 3, 1928—LOT 6 BLK 33, Vista Del Ray Tract. N. A. Fezzolare vs J. V. Cain. \$9	

Larsen Construction Reports

Issued every business day of the year. Furnishes
 advance information on work projected and contracts
 awarded for all classes of building, street, sewer and
 highway projects, bridges, dams and harbor works, ma-
 chinery, etc. Send for rates in your territory, advising
 class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

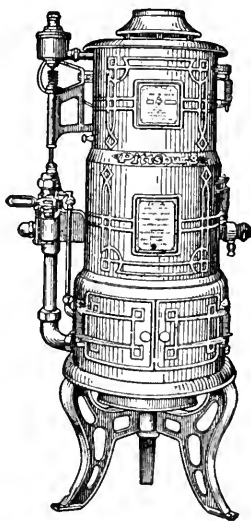
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames
and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Auto-
 matic Water Heater
 installed in the Home
 indicates high quality
 throughout.

Recommended and speci-
 fied by all the leading ar-
 chitects, plumbers and
 builders.

Consider the high merit
 of the Pittsburg coupled
 with "Pittsburg Perfect
 Service."

"Hot water quick as a
 wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



BUILDING and ENGINEERING NEWS

Publication Office
447 Mission Street

SAN FRANCISCO, CALIF., MAY 19, 1928

Twenty-eighth Year, No. 20
Published Every Saturday

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

Applying time - proved methods of insula- tion to modern day needs

NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

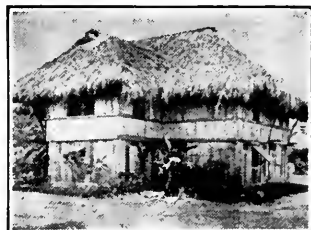
DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be **WHOLLY AT OUR EXPENSE**. Write today for particulars.

THE STEWART INSO BOARD COMPANY

Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., MAY 19, 1928

Twenty-eighth Year, No. 20



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

SAFETY CAMPAIGN IN CEMENT PLANTS SHOWS RESULTS

Sixty-nine cement mills and quarries in the United States and Canada, out of a total of 151, finished the first quarter of 1928 without a lost time accident or fatality. These 69 plants form the basic membership of the Portland Cement Association's Trophy Club. To the mills going the entire year free from accident the Association awards an eight ton concrete sculptured monument, modeled by the Art Institute of Chicago.

Twenty-nine more mills operated during the first quarter of 1928 free from accidents than during a similar period in 1927. On March 31, 1927, only forty mills had completed three months minus accidents and were members of the Trophy Club.

"This remarkable showing in safety work points the way to even a better record in 1928 than we had in 1927," says W. M. Kinney, general manager of the Association. "Last year ten mills went through the year without accident and if the present ratio is maintained for the next nine months we may well expect 18 or 19 mills to eliminate mishaps and fatalities this year."

During the first quarter of 1927 the cement industry suffered 395 lost time accidents and nine fatalities. The first three months of 1928 recorded 292 lost time accidents and eight fatalities. Lost time accidents decreased 26 per cent in the first quarter of 1928 over the similar period of 1927 which at that time was considered a record breaking achievement. There was an increase of 11 per cent in the number of mills reporting their accidents to the Association in 1928, over 1927.

Comparing the first three months of 1928 with the first three months of 1926 shows a decrease of 271 accidents or 46 per cent. During this time the number of mills reporting increased over 21 per cent.

MORE EFFICIENCY AND LESS WASTE URGED ON BUILDING INDUSTRY

Greater efficiency in building and less wasteful use of building materials, as a means of preserving high living standards, were advocated by N. Max Dunning, Chicago architect, before the annual meeting of the National Committee on Wood Utilization of the Department of Commerce. Mr. Dunning spoke highly of the work of the Committee and foretold material economic benefits to accrue from utilization and co-operation under its leadership.

"The Architect, as a professional man with a responsibility to the public, is vitally interested in the work being accomplished by the National Committee," he said. "If present high standards of living are to be maintained and increased—as we all hope and believe they will be—the burden of the higher wage and better working conditions must be offset by a greater application of scientific methods in building operations, and to a more intelligent and less wasteful use of the materials entering into buildings.

"Wood, from many considerations, is the most important of these materials, and without question, the material where waste in the past has been the most extravagant.

"The work of the National Committee on Wood Utilization that seeks to develop ways and means for making a larger percentage of the tree merchantable, accomplishes many purposes. It stabilizes the lumber industry; it reduces the cost of lumber to the consuming public; it extends the scope and knowledge of appropriate uses of various kinds of lumber; and, most important, it goes far toward making reforestation commercially feasible in the United States, thus insuring for future generations a continuous supply of this indispensable material.

The Architect is primarily interested in the use of lumber in buildings and realizes that great economies can be effected by improvements in methods of framing that will develop the full strength of lumber sections and secure permanence and durability of construction; that for many purposes short lengths of lumber can be used as well as long; that, with the perfection of modern joining machinery, blocks and odd sizes can be worked up for floors, wainscoting and for other purposes, thus eliminating waste and utilizing far greater proportions of the log than are commercially possible now.

"In this important problem there is a great field for co-operative effort, and under the leadership and co-operation of the Department of Commerce, great benefits may be expected to accrue.

"The architect, as always, is glad to lend his professional view-point and experience to any effort that makes for progress and the public weal."

S. F. ENGINEER STRICKEN

George J. Calder, vice-president and chief engineer of the American Toll Bridge Company of San Francisco, was operated on May 9 in a New York hospital for appendicitis. Mr. Calder went east a week ago with Oscar H. Klatt, president, and Dudley Sales, attorney for the company, to be present at a million dollar damage suit trial in which the Raymond Concrete Pile Company seeks damages for recision by a bond house of its contract to sink the piers for the Carquinez bridge.

REAL ESTATE CORPORATIONS MAY PAY GREATER TAX

Most real estate operating corporations will hereafter be called upon to pay a considerable greater annual tax to the State, under an amendment to the tax law that has just been enacted, according to M. L. Seidman, tax expert of Seidman & Seidman, Certified Public Accountants.

"The amendment," Mr. Seidman explained, "applies to all cases where two corporations have been organized, one to hold the building and the other to operate it. The amendment provides that the annual franchise tax on the building corporation shall be computed in the same way as on the operating company; that is to say, $4\frac{1}{2}\%$ of the net income.

"Heretofore," Mr. Seidman added, "the building corporation was subject to a relatively small tax, based on the value of its stock. The amount of the corporation's income was relatively immaterial. As a result, from a tax point of view, besides other practical consideration, many real estate operating companies found it expedient to separately incorporate the building, and to pay the building corporation a substantial rent. This gave the operating company a deduction from its income, saving it the $4\frac{1}{2}\%$ tax to that extent, whereas it did not appreciably affect the tax of the building company, since the latter was not measured by income. The amendment is aimed at this very situation, and directs that hereafter where one company owns or controls the other, both may be required to file consolidated returns, and that the tax on both corporations shall be computed at $4\frac{1}{2}\%$ of their combined incomes.

"While the new law is not mandatory, and provides that the returns of both corporations 'may' be consolidated, it can, of course, be expected that they will be consolidated if, as in most cases, consolidation will yield the State a higher tax. The State will probably not require a consolidated return where the operating company has a loss and the building company a profit, since the offset of the loss against the profit would reduce the tax that would otherwise be paid.

Concluding, Mr. Seidman said, "real estate operating companies affected may find some source for consolation in the fact that the technical wording of the amendment is such that through a proper readjustment of the manner in which the building corporation's stock is held, it would appear that the effect of the amendment could be overcome and the tax kept on the old basis."

ASBESTOS PRODUCTION IN 1927

The total quantity of asbestos sold or used by producers in the United States in 1927 was 2986 short tons, valued at \$338,066, according to figures compiled by the Bureau of Mines, Department of Commerce, from individual reports furnished by producers. Imports of unmanufactured asbestos for consumption amounted in 1927 to 23,693 short tons, valued at \$8,150,340, and the exports were 309 short tons, valued at \$48,744. Corresponding figures for 1926 were: imports, 257,621 short tons, valued at \$8,142,505; exports, 1104 short tons, valued at \$85,922.

SCIENCE APPLIED TO ARCHITECTURE

(By G. Szmak, Economist, Bridgeport, Conn.)

Unfair Competition

The evolution of the construction industry is so rapid that we are compelled now and then to survey conditions, lest we continue to follow methods that were suitable yesterday, but which do not meet the problems of today. Under such conditions the competent architect begins to wonder why he has to compete with services that are inferior to his own in quantity, quality and price.

Architects who have built up firm and wide reputations for competency do not, as a rule, have to meet unfair competition. The question arises, "Should the architect who is competent to produce a good piece of art but whose reputation is not yet established, be compelled to suffer the consequences of degenerated practices? Is it possible to prevent conditions that are detrimental to honest, efficient and truly economical architectural services?"

The answer is, that no profession is fully matured or able to reach its highest state of efficiency without having partly become a science. The majority must apply science to their profession in order to advance and achieve the position of the minority who do not have to meet unfair competition. The architect who knows that he can and does give economical service to the client places himself beyond the reach of unfair competition.

Unfair competition is practices indulged in by the other fellow beyond your power of equal defense. An architect often accepts work wherein the receipt of the fee for designing is a pure gamble, depending on the job maturing. How can this architect be expected to give economical service? Yet, if such a job matures, the client and the public in general only appreciate the cheapness of this architect's fee and know nothing of the quantity and quality of service rendered. What can you do about it?

At times, commissions are accepted at a very low rate through unfair competition and the contractor and sub-contractors are compelled to do most of the designing. How does your complete service compare against odds of this nature? There are even cases where the designer, possibly unknowingly, pads the client's payroll by accepting gratuity from contractors or others. These are only a few methods of unfair competition. There are many others which reflect disadvantage, not only upon the one who indulges in them, but the profession and the entire industry; although probably no harm is intended.

The prevention of such practices can only come about if the majority of architects will publicly declare a definite itemized list of their services with the corresponding charge. Discrepancies could then be detected by the client who has knowledge of what he should receive for a certain sum of money.

The construction survey will do more good than anything else in educating the client. Plans and specifications which are not properly made or written can not be properly surveyed or built from and the client will be sure to find this out when a surveyor is on the job from the preliminaries to the finish. Every architect owes it to himself to use methods which will show every possible evidence of the right intent and economy of his service. The survey is both an aid to and proof of it. Only thus will the public learn the difference between competent and incompetent service.

There are now a number of trade and professional organizations who are fighting against "incomplete" drawings and "unspecific" specifications. Construction surveying is an entirely new profession, and it has not yet occurred to the existing professions or trades to utilize surveys as a means of bettering conditions. The surveyor makes it his business to prevent insufficiency of information and misinterpretation. This means of prevention is a safeguard to the architect as well as the client and builder.

Cooperation with the surveyor will bring about quick and effective results without cost or disruption between the various branches of the industry. The surveyor does not propose to clean up the industry. He does, however, provide the means whereby the industry and the public will be encouraged to play fair.

Application of Science

In the present practice of architecture the architect has come more and more in contact with the engineering and business phases of his profession in a degree unknown to the architect of years ago.

The architect's business knowledge is being made more complete as it becomes necessary for him to carry on transactions with and for his client. His contact with the management branch of engineering, which is the builder, is of long standing. More recently the architect has begun a closer cooperation with the structural and mechanical designing divisions of engineering. The next step in the evolution of his profession is to secure the cooperation of the first essential division of engineering knowledge, the surveying of construction.

Architecture alone is art or negative knowledge but through coordination with each division of engineering, architecture becomes economically productive because the negative and positive forces commune in absolute harmony; art having become mated with science. This fusion of architecture and engineering, through the division of surveying will provide the architect his most needed helpmate, the construction surveyor.

Construction surveying is the science of measurement, tabulation and analysis by uniform units applied to the quantity and quality of material and workmanship in the physical members of a civil structure.

Benefits to the Architect

There is no particular benefit which will not reflect on the client, architect and builder. All services are interdependent, and a loss to one is a loss to all.

Surveying:

(1) Encourages honesty by exposing the facts otherwise unknown to buyer and seller. Every architect is a buyer and seller of material and service.

(2) Creates fairness in competition between architects and contractors by positively showing that quantity and quality, instead of price, are the basis of fair competition. Gambling and special privileges are eliminated and construction contracting becomes a direct buying and selling transaction.

(3) Produces confidence, good will and satisfaction by honest and fair dealing.

(4) Provides accurate preliminary records on the relative values of material and workmanship essential for economical design, by analysis.

(5) Creates positive current records of the quantity and quality of material and workmanship required for buying, constructing and selling by measurement and tabulation.

(6) Produces future reference records which are permanently available for arbitration, investigation and valuation purposes by appraisers, architects, attorneys, bankers, builders, building officials, contractors, dealers, engineers, estimators, insurance companies, investors, manufacturers, municipal boards, owners, realtors, sub-contractors, tax officials and tax payers.

(7) Prevents costly errors and omissions by verification.

(8) Interprets plans and specifications by tabulation into the every day language of buyer and seller.

(9) Simplifies design, survey and management by systematic classification of the actual requirements.

(10) Eliminates wasteful duplication in competitive designs, alternate designs, blueprints, specifications, surveys generally, general and sub-contract bids, overlapping of sub-contract bids and unreasonable alternate bids, etc., by efficiency.

(11) Increases efficiency of entire industry by systematic measurement, tabulation and analysis of construction.

(12) Puts the construction industry on par with other commercial enterprises of finance, manufacturing and transportation, by improved methods.

(13) Excludes "unforeseen contingencies" by reducing the "real items" to their actual quantity and quality value.

(14) Speeds progress starting with the preliminary designs through to the final accounting of a structure by defining where, who, and what can, shall, or has been done, and when.

(15) Lessens speculative projects which would never mature and thus reduces the burden of expense on an increased number of real projects.

(16) Reduces construction cost by increasing the public's satisfaction and the industry's efficiency.

(17) Increases volume of construction by elimination of waste, speedier progress and reduced cost.

(18) Stabilizes profits by excluding the gamble on "unforeseen contingencies," speculative projects, "misinterpretations" and "extras".

(19) Increases utility of services by simplification, correct interpretation and prevention of errors.

(20) Improves and increases production by creating future, providing present, and utilizing past records of the industry.

(21) Creates economy by increased satisfaction, reduced cost and greater production.

(22) Produces prosperity by assured economical results.

Practical Applications

There are many reasons why architects should investigate, recommend and use professional surveys. Here are a few practical everyday occurrences which illustrate. An architect, after having some preliminary drawings made on a project, requests a contractor friend to furnish him with cubic foot cost data. The information thus received may or may not be consistent with the type, grade or elemental resistance of the structure under design. However, this is only half of the architect's disadvantage who has prepared a computation of the cubage in a fashion all his own, or has someone donate this information. Such data is often found to be 1 to 100% incorrect after being checked up by an experienced surveyor who works by a uniform method of measurement and structural classification.

Recently a dispute arose between an

architect and a contractor over a clerical error. It happened that a professional surveyor was employed on this particular job and it took a matter of minutes to show that the contractor acted within his rights, although clerically in the wrong, which was confirmed by the surveyor's records. The question was settled immediately to the full satisfaction of the client, architect and contractor. Without the disinterested professional surveyor, neither party could have proved or disproved anything and the result would have been a continual lack of confidence and good will all around.

It is a daily occurrence to find that certain contractors' and sub-contractors' estimates are 100% high or low. Upon investigation, it is usually found that the quantity and quality survey of one or all parties is wrong.

Contractors and sub-contractors often prepare sheaves of survey sheets covering the material and workmanship to be furnished, but you can be sure these surveys are rough. They are done without direct remuneration and at best are padded on the safe side. On a recent project sub-contractors submitted estimates that varied more than 100% between one low and several high bids. Upon rechecking it was found that the low bid was correct in every respect—in quantity, quality and value.

On many projects after the job has been awarded it is not unusual for the contractor to make revision in quantities and qualities of the general and sub-contracts by rechecking estimates and calling in new sub-bids and thus saving 1 to 25%, or more, for himself, without benefitting the client.

Architects know and practice this method of revision and can confirm the economy of such procedure well enough. Why not have a profession survey to begin with and eliminate the wasted efforts of the architect, contractor and sub-contractors used in reducing the items to their final values? This would save the unnecessarily duplicated expense to all parties.

It is a common practice to use construction surveys on engineering projects of all kinds.

Disadvantages of Surveys

The industry and public have not yet learned of its benefits, methods and applications. While it is too soon to discuss or know of failures or disadvantages, yet there have been some very apparent objections raised which are very easily answered.

(a) Who shall control surveying, the architect or the builder, and what is the attitude of each towards the use of surveys?

The fact that neither the architect nor the builder is responsible for the preparation of a professional survey is the most essential thing in its favor and makes the professional survey valuable as a non-partial equalizing medium. A prominent consulting architect says: "The architect holds the anomalous position of being not only both judge and jury but also the attorney in fact for one of the interested parties." This practice has already been too long in existence to the disadvantage of all.

(b) Can, are or should professional surveys be guaranteed?

The surveyor, as an indication of true competency, is ready to guarantee his survey. The form of guarantee is a matter of choice left to the client, architect or builder.

(c) Who pays the cost of surveys?

The cost of the survey is paid by the client in any case and the more directly he pays it the less it costs. The surveyor's fee may be paid by the client, incorporated in the fee of the architect or specified to be included within the contract of the builder.

The average fee for surveying does not exceed 1½% of the structural value and is saved several times over through elimination of waste. Any professional sur-

veyor will provide the architect with the information necessary for specifying the construction as part of the contract.

(d) Under what forms of contract may surveys be used?

Construction surveys are used on lump sum, cost plus percentage, unit price or any form of contract. The survey in any case performs its economic function. It may be utilized in three principal ways:

(1) As the basis for comparison of bids. For this purpose it is not essential that the survey be guaranteed for positive accuracy, and yet it will assure fairness in competition to all concerned.

(2) As the actual basis for lump sum contracts. All adjustments, plus or minus, in the quantity and quality of material and workmanship are made by the surveyor at the completion of the work. This method assures positive fairness, not only in competition, but also in price.

(3) As the basis for unit price contracts. The payment being made on the items computed by the surveyor as the work progresses. This method not only assures positive fairness and competition and price but also in quantity and quality of production.

To efficiently use the survey, it should be furnished to the bidders along with the architect's plans and specifications, giving them an absolutely definite instrument of purchase as a part of the contract documents.

Advance in Surveying

Research work on professional construction surveying is showing good progress in the following subjects:

1. Uniform progression of specifications.
2. Uniform symbols to be used on drawings.

3. Chart showing the physical growth of a structure. This will be a great aid to every designer, surveyor and builder.

4. Uniform method of cubing structures.
5. Uniform classification of structural types, grades and elemental resistance.

6. Chart of the construction industry showing the function of each division to be used for the education of the public on the real value of the architect's, surveyor's and builder's services. The chart will enable the buyer to gauge the exact value of the services available.

A universal system is now lacking in the design, survey and management of construction and the surveyor is well on the road to provide it. With the aid of a uniform system the work of the designer will be greatly reduced and many benefits will be derived by those that follow after the designer.

That the growth and development of construction surveying is very rapid may be readily seen from the replacement of many slang and misused terms of long standing such as, "take offs," meaning "surveys," the word "quantities" being used when "item" is meant and the use of "quantity" when in fact "construction, quantity and quality" should be used or could be implied by the word "construction" alone. Construction must consist of quantities and qualities or else it is not construction, or anything else.

The architect in the majority of cases has been playing a waiting game. The contractor, on the other hand, has knowledge of some sort concerning surveys dating back to the beginning of his profession and today contracting organizations are making every effort to utilize the surveying idea to assure themselves of the accuracy of their own surveys. While their actions are of no direct economic value to the buyer of building, yet the contractors are receiving a good education in the use of construction surveys and are far ahead of the architects concerning their uses, methods and benefits.

The architect owes it to himself as well as his client to provide a positive survey. There is no better way of proving or disproving the benefits to be derived from construction surveys than to try them out. The architect can, will and should encourage the employment of a surveyor

on every project if for not other reason than the development, improvement and protection of his own welfare.

Equilibrium Between Buyer and Seller

Surely the buyer has a right to have the facts in a form which he is capable of understanding. Just imagine the predicament of the buyer who would hand the seller a ten dollar bill for goods but who did not have the ability to count his change and had to depend upon the conscience of the seller for the proper refund. The conscience of the seller and buyer, let alone their science, varies too greatly to be adequate for the progressive business of today, especially in the construction industry. This is a day of science. Positive knowledge must prevail for both buyer and seller or else business will be destroyed.

It is the construction surveyor's positive knowledge of measurement, tabulation and analysis of quantity, quality and value that produces the equilibrium, between the conscience of the buyer and the science of the seller, essential to an ethical, efficient and economical transaction.

The architect who is competent in his line of work is in a position to tell what is good for the client. Reputable architects will testify to this. If having a positive survey is good for the client's interest the architect owes it to his profession to investigate, recommend and use surveys as the basis for contracts. The question of fee does not enter into the matter because it is readily proven from many angles that the survey enables economical design and management. The lack of initiative on the part of the architect is to be wondered at because most architects are familiar with the positive benefits of surveys and readily admit them. Is it because both buyer and seller naturally prefer to play the game "catch as catch can?" Procrastination on the part of the architect will bring him closer and closer to unfair competition. When that condition becomes unbearable, possibly only then, will he do the wise thing and stop thinking that it is possible to gain advantages without reaping the inevitable disadvantage of an unfair transaction. While some of the more competent architects are much too busily engaged in the mass production of their art degenerated practices are eating into the vitals of their business through lack of science applied to art.

To be benefitted you must benefit others. To the extent that the architect will apply the positive knowledge of engineering management, design and survey to his art, in that degree architecture will become a science and the architect benefit the client, industry and himself.

MODERN PALACES DO NOT PLEASE LOVERS OF OLD PARIS

Modern "palaces," too big, too high and too new, do not please some of the lovers of old Paris, quaint in architecture and seasoned by centuries.

Public officials and private organizations have battled to enforce all the laws there are against violation of what they esteem the city's harmonious beauty. They have caused some of the electric signs to be moved, forced the remodeling of a few buildings and preserved the ancient aspect of historic spots.

They are aided now by a new and private censor of taste, Eugene Marsan, a writer of note, an arbiter of fashion and style.

"Paris is being spoiled" is the title of a long series of first page articles running in the aristocratic old Figaro, in which Marsan flays the builders whom he thinks offend public taste and he calls for "a committee of men of taste" to do something about it. If he can't tear down new structures he doesn't like, he says he is determined to make those responsible for them unhappy and prevent others from imitating them.

JESSE LASKY IN SAN FRANCISCO TELLS OF MOTION PICTURE'S PART IN THE CONSTRUCTION BUSINESS

"Millions of dollars worth of business has been given builders and engineers in the last decade by the motion picture business."

This was the declaration made by Jesse L. Lasky, first vice-president in charge of production for the Paramount Famous Lasky Corporation, who is in San Francisco to attend the western division sales convention of the company at the Palace Hotel.

"Starting hardly a score of years ago as a 'fly-by-night,' 'nickleodeon' venture, the motion picture business is now rated as the country's fifth largest industry," the Paramount picture chief declared. "This includes the three branches of the business—production, centered largely in Hollywood and its environs; distribution, a world-wide proposition (Paramount pictures, for instance, being sold in 70 countries); and exhibition, or in other words, the theatre end of the business."

"Ten years ago, the industry was just finding itself, and beginning to realize that it was fast outstripping all other forms of public entertainment. Then the era of building began."

"In Hollywood, studios were enlarged, and in many cases new ones built. In important centers film exchanges were constructed to house the district sales and distribution offices and the vaults for their films. And in every city in the land builders reared huge theaters against the skylines."

"Now, these cities have theatres such as never have been seen before, huge palaces of entertainment, vast acres of seats. The new Paramount theatre and office building in New York City is but an outstanding example of a wave of theatre construction that has been nationwide, and which now is spreading throughout the world. In all lands, our foreign department reports, this public demand for modern, comfortable theatres for motion pictures is heard and is being answered."

"The result, naturally, has been to stimulate building construction in all lines, for theatres draw crowds, and where crowds are, business booms. There

are many instances of a theatre pioneering a new district of a city and at once enhancing property values within several blocks."

The end of this theatre building era is not yet in sight, according to Lasky. He cited many cities in which new theatre construction programs are being planned.

"There is another way in which the movies have stimulated building," Lasky said. "It is more indirect than that I have just mentioned, but it is a force, nevertheless. This is the desire for fine homes created by those seen in pictures. Many pictures are laid in wealthy and sumptuous backgrounds, for the public likes to see on the screen that which is lacking in its own life. So we show them fine homes, fine buildings, fine houses, and when they can afford it, the movie homes provide models for their own. It is an intangible, but yet a powerful force."

Lasky is one of several of the motion pictures most important executives who are here at the Paramount convention. Among others are Adolph Zukor, president of the corporation, S. R. Kent, general manager; E. E. Shauer, head of the foreign department, and Emanuel Cohen, in charge of short subjects. John D. Clark, western division sales manager, is presiding, and Herman Wobber, sales manager of the San Francisco district, is acting as host of the convention.

The purpose of the sessions is to announce to the company's sales organization the Paramount program of screen entertainment for the theatrical year beginning August 1. Fifteen branch offices west of the Mississippi are represented here by their entire sales force.

The program to be announced by Mr. Lasky at the convention will include starring vehicles of Emil Jannings, Clara Bow, Richard Dix, Esther Ralston, Pola Negri, Wallace Beery, Adolphe Menjou, Charles Rogers, George Bancroft, Florence Vidor, and many others, as well as many special attractions with all-star casts. More than 200 pictures, including features, short comedies, novelties and news reels, are expected to be on the list.

STATE-WIDE ORGANIZATION OF CERTIFICATED ARCHITECTS IS PLAN PROPOSED IN SOUTHERN CALIFORNIA

A state-wide organization of certificated architects was launched at a recent meeting in Los Angeles with a view to securing adequate legislation governing the practice of architecture in California at the next session of the general assembly, according to Southwest Builder and Contractor. The meeting coincided with the May meeting of Southern California Chapter, American Institute of Architects, and invitations to attend had been extended to all certificated architects of Southern California. There were also present representatives of the architects of Northern California and members of the northern and southern districts, California State Board of Architecture. It was probably the largest gathering of architects ever held in Southern California, if not in the state. Pierpont Davis, president of Southern California Chapter, A. I. A., presided.

Following a free discussion of the objects for which the meeting was called, it was voted unanimously to form a state organization to which all certificated architects of California will be eligible, and

a committee was appointed to meet with a committee representing the certificated architects of Northern California and work out a plan of organization. The Southern California committee consisted of William Richards of Los Angeles; Winsor Soule, Santa Barbara; Natt Piper, Long Beach; John S. Siebert, San Diego; Stanley Wilson, Riverside, with A. M. Edelman and Pierpont Davis members ex-officio. The committee representing the Northern California architects were Fred Meyer, Harris Allen, John J. Donovan, Albert J. Evers, Wm. I. Garren, Mark Jorgensen, Ralph Wyckoff and Chester Miller. The last three named were unable to be present.

At a meeting of the two committees a plan of organization was agreed upon. There will be a permanent board of directors, consisting of one member from the State Board of Architecture, one from the American Institute of Architects, and two architects not members of the institute for the northern district and a like representation from the southern district. Myron Hunt of Los Angeles, as the regional director of the American Insti-

tute of Architects, will be president ex-officio of the permanent board of directors. The state will be divided into districts corresponding to the congressional districts. There will be a chairman for each district appointed by the directors whose duty it will be to get all the architects in his district together. William Richards was chairman of the organization committee, Winsor Soule vice-chairman and Natt Piper secretary.

Harris Allen, president of San Francisco Chapter, A. I. A., opened the discussion on the matter of a state association, expressing the desire of the chapter and certificated architects of the northern district to secure legislation for the protection of the building public and their great appreciation of the co-operation which they are receiving from the southern district.

Fred Meyer, member of the State Board of Architects, Northern District, reviewed the present act regulating the practice of architecture, and told of some of the cases coming before the board where applicants for certificates had never studied architecture and had never worked in an architect's office, yet were practicing architecture and had charge of some important building projects.

Albert J. Evers, member of the State Board of Architecture, Northern District, pointed out as one of the weaknesses of the present state law regulating the practice of architecture the lack of means for its enforcement. He urged that the board be empowered to employ special investigators with funds derived from the license fees now paid to the state by certificated architects, just as the State Board of Medical Examiners are empowered to employ their own investigators. Mr. Evers suggested two ways of accomplishing this proposed change in the present law: First, that all certificated architects in the state of California organize, so that there may be a concerted effort; and, second, that a committee of that organization be formed to draw up the proposed amendments.

John J. Donovan of Oakland, member of the State Board of Architecture, Northern District, recommended raising the fine for violation of the law, so that enforcement would fall in the Superior Court instead of the police court, feeling that better enforcement would be had from the higher court. Mr. Donovan told of an effort four years ago to secure certain changes in the law and of the defeat suffered on account of lack of organization. Mr. Donovan said that, according to a statement by the chief building inspector of Oakland of all building permits issued, architects were connected with the work in only 12 per cent, 88 per cent being outside of the architects' offices. The Oakland chief building inspector had offered to sit with the Oakland architects, to formulate a local ordinance making it mandatory for an architect to prepare plans for buildings where permits were necessary for their construction, and offered to sponsor it on the floor of the city council, stating that the city of Oakland felt the need of such an ordinance. Mr. Donovan stated it was his opinion that if the people of the city of Oakland felt the need for such protection, that it must be so in every city of the state.

William Richards, director of the Southern California Chapter, A. I. A., outlined a tentative plan for the organization of the state certificated architects.

President Pierpont Davis then announced that the meeting was open for discussion from any architect present. A free discussion followed, in which a large number participated, and there was practical unanimity on the necessary for united action to secure legislation that will make the existing law more effective.

Hydraulic Brake Co., Inc., of Bakersfield, capitalized for \$1,000,000 has been incorporated. Directors are: E. W. Lewis M. De Bolt, Edward V. Jones, Peter H. Heslin, Richard Cole, William F. Viou and Dr. H. George Crease, all of Bakersfield.

TREND OF NEW APARTMENT HOUSE AND RESIDENCE BUILDING STUDIED

A notable increase in the construction of apartment houses and flats and a corresponding reduction in the building of individual dwellings in the Pacific coast cities is shown by a comparison of building activities for 1926 and 1927, just completed by S. W. Straus & Co.

The construction costs of new dwellings was 21 per cent less and that of

multi-family housing was 14 per cent greater last year than the year before, according to aggregate figures for Seattle, Portland, Oakland, San Francisco, Los Angeles and San Diego.

The following table gives the construction costs totals for building operations authorized, as reported to S. W. Straus & Co., by building department executives:

	Individual housing	Multi-family housing	All other buildings	Total annual buildings
1926				
Seattle	\$ 11,165,020	\$ 5,207,200	\$ 17,835,480	\$ 34,207,700
Portland	14,851,430	5,645,800	12,091,645	32,588,875
Oakland	11,076,095	2,021,674	13,977,526	28,075,295
San Francisco	17,332,199	10,347,751	30,273,998	57,953,948
Los Angeles	45,007,959	19,126,251	58,872,005	123,006,215
San Diego	10,420,141	1,201,517	8,380,071	20,001,729
Total	\$109,852,844	\$44,550,193	\$141,430,725	\$295,833,762
1927				
Seattle	\$ 9,464,525	\$ 7,282,900	\$ 12,322,655	\$ 29,070,080
Portland	9,885,360	2,669,000	16,419,095	28,973,455
Oakland	6,082,070	2,966,056	11,746,543	20,794,669
San Francisco	14,926,069	13,959,954	18,146,825	47,032,848
Los Angeles	39,211,681	22,866,436	60,949,022	123,027,139
San Diego	6,977,630	1,120,190	6,153,555	14,251,375
Total	\$ 86,547,335	\$50,864,536	\$125,737,695	\$263,149,566

LOCAL ENGINEER CITES LAW ON EARTHQUAKES IN CALIFORNIA CITIES

Henry D. Dewell, consulting engineer of San Francisco, in writing a series of articles for Engineering News-Record of New York on "Earthquake-Resistant Construction," says:

"Until very recently no American city has recognized the necessity of making provision in its building ordinances against earthquakes to the extent of definitely mentioning earthquake shock. San Francisco, in framing its new building ordinance in 1907 after the disaster of 1906, made a purposely indirect provision against earthquakes by specifying a 30-lb. wind pressure for certain types and sizes of buildings. Subsequently this specified unit wind pressure was reduced to 20 lb. per sq. ft. and finally to 15 lb. per sq. ft. the present specification.

After the Santa Barbara earthquake of 1925, Santa Barbara and Palo Alto made definite provisions in their building laws for design against shock. Sacramento has adopted similar clauses, so that the building laws of three California cities now require definite design against earthquakes. The nature of these provisions will be indicated by the following extracts from the building laws of two cities:

SANTA BARBARA (Wind and Shock Bracing)

A. All buildings and structures shall be built so as to resist wind loads, shocks and vibrations by one of the following methods:

1. Rigid connections at the intersection of beams, girders, floor systems and roof trusses with their supports;
2. By means of knee or diagonal bracing; or
3. By bracing in walls.

B. All buildings not having inherent stability in their structural design equal to the bracing herein required shall be braced to resist a horizontal thrust acting in any direction. This bracing shall be applied at all points of support in such a manner that each tier of columns or stories shall resist a horizontal thrust applied to the center of gravity of the supported load equal to 10 per cent of the load which they support when the foundation rests on material upon which a bearing of 4 tons per square foot is allowed; 15 per cent when 3 tons per square foot is allowed, and 20 per cent when less than 2 tons per square foot is allowed or when piling or raft foundation is used.

C. All buildings and structures hereafter erected having large open spaces

therein such as garages, theaters, churches and lodge halls, and those buildings or structures which have rooms or spaces of a width in excess of 35 ft. shall have their roof trusses supported on structural steel or reinforced-concrete columns, and all such roof trusses and columns shall be braced with kneebraces.

D. The wind load on all structures less than 30 ft. high shall be computed as a horizontal force equal to 10 lb. for each square foot of surface exposed by a horizontal projection of the building or structure. The wind load on higher buildings shall be computed at 15 lb. per square foot acting on an area equal to the horizontal projection of the said building or structure.

SACRAMENTO (Earthquake Provisions)

Sec. 2512. (a) Lateral bracing—All framed buildings shall be braced to resist lateral stresses which shall be calculated by two independent methods and that one of the calculations which calls for the stronger structure shall be used in the design and construction. By the first method the stresses shall be calculated as the effects of a pressure applied horizontally to the elevation of the building above foundation, figured in pounds per square foot of area as hereinafter specified. By the second method the stresses shall be calculated as the effects of a force applied horizontally at the center of gravity of the dead load. In both methods of calculation the pressure or force, as the case may be, shall be assumed to come from any possible direction any right angles to any elevation of the building.

The factors to be employed to fix the pressure per square foot of area on the side above the foundation or the lateral force applied at the center of gravity shall vary with the character of the foundation material and shall be as follows:

1. When the foundation rests upon material upon which a load of 4 tons per square foot is allowed, the lateral pressure employed in the first method shall be assumed as equivalent to 20 lb. per square foot; in applying the second method the horizontal force applied at the center of gravity shall be assumed as 1 per cent of the load upon the columns.

2. When the foundation rests upon material upon which a load of 3 tons per square foot is allowed, the lateral pressure employed in the first method shall be assumed as equivalent to 30 lb. per square foot; in applying the second method the horizontal force applied at the center of gravity shall be assumed as 15 per cent of the load upon the columns.

3. When the foundation rests upon ma-

terial upon which a load of 2 tons per square foot is allowed, the lateral pressure employed in the first method shall be assumed as equivalent to 45 lb. per square foot; in applying the second method the horizontal force applied at the center of gravity shall be assumed as 20 per cent of the load upon the columns.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1623-S ENGINEER, 28-30, with some sales experience preferably in machinery line to train for sales promotion executive. Must be a good talker, writer and mixer and free to travel. Salary \$225-\$275 month. Headquarters, San Francisco, but will eventually be Northwest.

R-1647-S ESTIMATOR & DETAILER of reinforcing steel. Must have both inside and outside experience and be able to do rapid work. Salary open. Location, San Francisco.

R-1614-S CIVIL ENGINEER DRAFTSMAN, familiar with street work and sewer designs. Salary \$160-\$175 month depending upon experience. Permanent. Apply by letter. Location, Southern California.

R-1656-S STEAM-ELECTRIC POWER PLANT OPERATOR, to take charge of the operation and maintenance of buildings having extensive mechanical equipment. At least 6 years operation, installation or maintenance experience required with 3 years in responsible charge. Must be citizen, under 48 year and in good physical condition. Salary \$2400-\$3000 to start. Apply by letter, requesting formal application blank.

K-57-X-4733-C-S STRUCTURAL ENGINEER, capable of designing and estimating on steel structural work, ore binds, trestles, at concentrator and mines. Salary \$225 month. Apply by letter. Location, Northern Mexico.

K-61-X-4809-C-S CIVIL ENGINEER, to teach steel and reinforced concrete design of higher type. May also have to give some graduate courses in structural engineering. Term 10 months. Apply by letter. Location, South.

WHERE TO GET OFF

This is a wonderful country! It is especially wonderful when you think what it will stand for without rearing up on its front legs and kicking all the boards out of the side of the stall. It is the land of the free—where one is free to get away with almost anything provided he has a well organized minority behind him to silence the faint complaints of the majority. In Chicago, for instance, the plastering trades propose to demand that plastering on all buildings within the jurisdiction must be three-coat work. The owner, the architect, the builder—no one but the plasterer himself is to have anything to say about this, whether he likes it or not. The plasterers want plenty of work for themselves, and a little left over for any of the brethren from other cities where work may be slack, so they have thought up this delightful idea for increasing the total amount of plastering work. It will apply to all classes of buildings with the possible exception of large structures where plastering is over tile or metal lath. On an ordinary bungalow it means an additional \$100, on a two-story house \$200, and for the average apartment house \$100 per apartment, so that it naturally becomes considerable of an item for the budget of the small-home builder. Just what the industry as a whole will have to say about this we have not yet heard, but we imagine it will be plenty!—(Building Industry).

THE OBSERVER



What He Hears
and Sees
On His Rounds

Statistics of hydraulic cements, other than Portland cement, in 1927, which include masonry, natural, and puzzolan cements, as compiled by the United States Bureau of Mines, Department of Commerce, show that the nation's production of 2,123,868 barrels exceeded that of 1926 by about 1 per cent. Shipments of these cements from mills in 1927 increased over 6 per cent in quantity and over 2 per cent in gross value. Stocks at the mills decreased and were about 19 per cent lower at the end of 1927 than at the end of 1926. These statistics represent the output of 11 plants, which are located as follows: one each in Alabama, Illinois, Indiana, Kansas, Kentucky, Ohio, and Pennsylvania; and two each in Minnesota and New York. The output has been expressed in terms of 376-pound barrels to correspond with the statistics of Portland cement.

X-Rays are being used to discover defects of growing trees by the City of Rochester, N. Y. Pictures taken with the rays show character of the grain, various types and stages of decay, worm holes and even worms at work.

Secretary of War Davis has granted the request of the Belgian government that two Belgian engineers be allowed to study the work of army engineers on the Mississippi river. The two engineers will come to this country soon.

Second national fuel meeting, under the auspices of the Fuels Division of the American Society of Mechanical Engineers will be held in Cleveland, Sept. 17-20. An interesting and instructive technical program is being prepared at the present time to cover a wide variety of subjects. A dinner, a buffet luncheon and smoker and other forms of entertainment, as well as a number of plant inspection trips are being arranged.

During the first nine days of May the Los Angeles city building department issued 116 permits with an estimated valuation of \$3,027,130. For the corresponding period in April the number of permits was 956 and the estimated valuation \$3,131,885, while for the first nine days of May, 1927, the number of permits issued was less with an estimated valuation of \$2,702,423. The total for the month of May, 1927, was \$11,563,303. For the current year up to and including May 9, Los Angeles building total was \$36,897,531 as compared with \$39,976,922 for the corresponding period last year.

"The National Committee of Wood Utilization of the Department of Commerce has developed, through its investigations, more practical methods of real timber conservation through proper utilization, than have been shown during the past fifty years," it was stated by Everett G. Griggs of Tacoma, Wash., addressing the annual meeting of that body. "The proof of the effectiveness of the committee's work is very evident," he said, "where the Federal Government departments have been the first to change their wood-using practices so as to aid in the movement for better utilization."

Paul Gillon, 28, Rue de Liège, Paris, 111, France, wishes to represent American concerns interested in various public works contemplated by the French Republic. He states that he is well known engineers of the French Republic, as well as to engineers in various municipalities, departments, etc.

Fisher Body Corp., builder of automobile bodies, is completing negotiations for the purchase of a 29-acre site in the south industrial district of Seattle, Wn., on which will be erected a plant costing from \$2,500,000 to \$3,000,000. The plant will be served by both rail and water.

Considerable gain during the first three months of 1928 was shown in exports of hardware and allied products from the United States, which were valued at \$17,629,930, an increase of \$1,481,941 compared with shipments for the same period in 1927 of \$16,147,989, according to the iron and steel division, Department of Commerce.

City of Eugene, Ore., has adopted the uniform building code of the Pacific Coast Building Officials' Conference. The law is effective May 10, according to City Recorder Geo. A. Gilmore.

Sacramento City Board of Education sets June 16 as the date to vote bonds of \$2,716,000 to finance erection of new school buildings and additions and alterations to standing structures. The bonds will run over a period of thirty years rather than twenty years as was first contemplated.

All plants united in Germany's steel trust have decided to discontinue sales until new prices are fixed for all kinds of productions. This measure was caused by low coal prices and is considered necessary to prevent speculative purchases with subsequent depression on the iron and steel trade generally.

Unfilled tonnage of the United States Steel corporation decreased 463,073 tons in April. Forward orders on April 30 amounted to 3,872,133 tons, against 4,335,206 tons on March 31 and 4,398,189 tons on February 29.

Plans for a forty million dollar highway between Tracy, San Joaquin county, and Fillmore, Ventura county, to provide Los Angeles, Oakland and San Francisco with a fast through artery, have been presented to Governor C. C. Young by a delegation of west San Joaquin valley citizens. Plans for the highway provide for two 20-ft. roads with a concrete barrier between.

Celite Products Co., 11 Broadway, New York City and 1320 Hope street, Los Angeles, has issued a bulletin on designing concrete for workability as well as strength. In this bulletin, test data is shown that indicates better workability and consequently greater strength of concrete may be secured economically through the use of Celite as an admixture. This matter is discussed quite thoroughly.

City of Piedmont, Alameda county, defeated proposal to issue bonds of \$337,000 to finance erection of new grammar schools and additions to standing structures. A proposal to provide \$200,000 for a high school was also defeated.

Hycolite Liquid Wall Paper Manufacturing Co., Ltd., 36-38, Victoria St., London, S. W. 1, England, manufacturers of a wall and ceiling paint, called liquid wallpaper, are anxious to make arrangements with an American firm which would be interested in manufacturing their product in San Francisco.

An appropriation of \$2,500,000 for the construction of a Panama Canal Memorial, in commemoration of those who built and help build the Panama Canal, would be authorized by a bill introduced in the House, May 12, by Representative Thatcher of Louisville, Ky. The bill also would provide for the creation of a commission of seven members to be known as the Panama Canal Memorial Commission, to carry out the plans. The memorial would be in the form of a building, containing a hall adequate to hold meetings, conventions, etc., and would be adorned with commemorative sculpturing. The bill was referred to the Committee on Interstate and Foreign Commerce.

Three courts of New York State—Supreme, Appellate and Appeals—have ruled that the zoning regulations of New York City cannot be changed by the local Board of Standards and Appeals for the benefit of a single property owner. The decisions uphold the superintendent of buildings in refusing to grant a corporation a permit for a 21-story building at the southwest corner of Park Ave. and 40th St., in a locality zoned for residences, known as the Murray Hill section.

Marburg Bros., Inc., (L. C. Marburg), 90 West street, New York City, is seeking a representative on the Pacific Coast to handle their combination die sawing and filing machine. The machines are now in operation in a number of manufacturing plants throughout the country.

Richmond Builders' Exchange has advanced the date from May 31 to May 24 for the regular monthly social meeting of the organization, according to L. C. Dexter, secretary-manager. Archie Winchcole, chairman of the Exchange Entertainment Committee, is completing arrangements for the affair.

G. H. Phelps of the Oil Burner Division of the Boyle-Dayton Co., 52nd and Santa Fe Ave., Los Angeles, distributors of a line of oil burners for use in heating homes, apartments, stores, theatres, churches, schools, hospitals, office buildings and factories, is now perfecting dealer organizations throughout the state and have an opening for a dealer in San Francisco.

Bids will be considered by the Oakland city commissioners next Thursday to furnish one or more, but not to exceed three in all, motor-driven pick-up street sweeping machines for street department. A bond of \$2,000 for each machine awarded will be required of the successful bidder. Delivery is to be made thirty days after award of contract, according to Geo. N. Londe, city engineer. Specifications and blanks for bidding are obtainable from Frank C. Merritt, city clerk.

A bird in the hand is worth two in the bush. And so it is in the construction game. Larsen's Advance Construction Report is an aviary of birds in your office every morning waiting to be fed by your sales force. Send for sample copies. Larsen Advance Construction Reports, 547 Mission St., San Francisco. No charge. No obligation.

TRADE NOTES

Wm. Macnider has been appointed assistant general manager of the Calaveras Cement Company. H. C. Maginn has been appointed sales manager succeeding Macnider and will have charge of sales and distribution, according to an announcement of Arthur B. Shelby, general manager for the company.

G. L. Cunningham, general manager of the Concrete "Form-Hold" Corp., Culver City, manufacturers of a device for the use in concrete construction, desire to appoint a firm in San Francisco to act as their exclusive distributors or jobbers, on a commission basis.

Authority to sell 500 shares of preferred stock and 1078 shares of common stock of the D & S Lumber Company of Santa Clara has been granted by the State Corporation Department. The company, which is located on the state highway near El Monte Ave., is managed by E. H. Dean of Mountain View.

Ray Ruggeri will operate from 178 Thirteenth St., San Francisco, under the firm name of Western Artificial Stone Works.

H. E. Macauley and F. M. Butler will operate from 19 California Street, San Francisco, under the firm name of Pacific Construction Company.

The McCloud River Lumber Company of McCloud has purchased 1,250,000,000 feet of standing timber from the Red River Lumber Company, the tract being known as the White Horse tract, in Shasta, Modoc and Lassen counties. It will take ten years to transform the timber into lumber at the McCloud saw-mills. A railroad twenty-five miles long will be built to tap the timber. The timber is to be paid for as it is cut.

Construction of one of the largest lumber mills in the Pacific Northwest will be started June 15, five miles from Klamath Falls, Ore., according to George S. Long of Tacoma, general manager of the Weyerhaeuser Lumber Company. The capacity of the mill will be between 250,000 and 275,000 feet per shift.

J. L. Davidson Co., manufacturers of steel furniture with main offices at 632-648 Mateo St., Los Angeles, has opened a branch office at 812 Newhall Bldg., 260 California St., San Francisco, to handle business in Central and Northern California. The branch is in charge of T. O. Sullivan. The Davidson Company manufactures the "Roll-top" steel coin guard coin and currency omnibuses, coin racks and trays in addition to a complete line of steel filing equipment, metal library shelving, steel counter and cage work.

Granite Quarry Co., now operating at Academy and running a polishing plant in Clovis has leased claims of R. J. and J. B. Houghton of Sanger, on the steel-gray granite lands on the San Joaquin Light and Power Company road above Balch Camp in Fresno county. It is proposed to start operations early next month. Granite will be trucked 30 miles to Piedra from where it will be shipped to the consumer.

Bruce Bidwell, for seven years connected with the Great Western Power Company, has become associated with the sales organization of the A. R. Hancock Electrical Stores of Oroville and Willows. He will specialize in Copeland electrical refrigeration.

ALONG THE LINE

The feature of the midsummer meeting of the Northwest Concrete Products Association planned for July 16 and 17 at Paradise Inn, Rainier National Park, Wash., will be "Effective Merchandising of Concrete Products," according to F. R. Zaugg, executive secretary of the association, who stated that W. D. M. Allan, manager of the Cement Products bureau of the Portland Cement Association, Chicago, has agreed to attend the convention and appear on the program.

After declaring themselves "merchant plumbers" and selecting Long Beach as the 1929 convention city, the California State Master Plumbers' Association, closed its 1928 annual meeting in San Francisco. Members of the association will hereafter refer to them selves as "merchant plumbers" and not "master plumbers" as heretofore.

Ben S. Woodhead, president of the Beaumont Lumber Company of Beaumont, Texas, was elected president of the National-American Wholesale Lumber Association at its recent annual meeting at Atlantic City. He was president of the American Wholesale Lumber Assn., 1922-23, and has been vice-president of the National-American for three years.

R. C. Steeple of the Braun-Steeple Co., 1088 Howard street, San Francisco, a responsible sales representative, residing in Seattle and soliciting in Portland, Spokane, Tacoma and other Northwestern cities, desires additional line, or lines, applicable to the lighting fixture or ornamental iron trades. Prefers to work on commission basis.

Chas. A. Carson, secretary-treasurer of Fox and Co., plumbing concern of Portland, Ore., died in that city May 8. Mr. Carson was born in Bozeman, Montana. His widow, a mother, one sister and two brothers survive.

City trustees of Woodland are considering adoption of a building code as proposed by the California Development Association.

W. G. Knox has been appointed city engineer of Santa Ana to succeed E. B. Collier, resigned. Mr. Knox resigned as city councilman to accept the position. He was city engineer of Santa Ana from 1922 to 1925, retiring to engage in private practice.

Herbert J. Hart, 54, manager of the Turlock Lumber Company branch yard at Hilmar died as the result of injuries received in an automobile accident May 13, when his car overturned on the Turlock-Denair highway.

H. H. Larsen Co., general contractors, announce removal of offices from 68 Post street to 64 South Park, San Francisco, where the company has erected its own office quarters and established yards.

O. W. Bauer, San Francisco engineer, has been appointed superintendent of the State Land Colony at Durham, effective June 1, it is announced by Chas. W. Cleary, chief of the Division of Land Settlements.

T. R. Peters, general contractor of Chico, has opened branch offices in the Lingscheid Bldg., Main street, Red Bluff.

HERE — THERE — EVERYWHERE

The next convention of the National Association of Builders' Exchanges will be held in Youngstown, Ohio.

Howard J. Perry, formerly of the advertising department of the Morning Oregonian, has been appointed executive secretary of the Oregon Building Congress, which is the so-called "big tent" of the construction industry in Oregon state. Of recent months, Perry has been a contributor to national magazines, and only recently completed an important survey for the West Coast Lumber Trade Extension bureau.

San Francisco has been selected as the 1928 convention city of the California Retail Lumberman's Association. The meeting will be held in November and will attract about 300 members of the organization. Paul Hallingby of Los Angeles is president of the association and Mrs. J. E. Fraser of San Francisco, secretary.

The summer convention of the Pacific Northwest Clay Workers' Association and the Pacific Northwest Brick and Tile Association will be held in Yakima, Wash., during the latter part of August, probably Aug. 31 to Sept. 1. The members of these organizations, comprised of all the manufacturers of clay products in Oregon, Washington and Western Idaho, hold conventions twice each year. Programs of speakers are arranged on various technical subjects involved in the manufacture of brick, tile, terra cotta and other clay products, as well as discussions of merchandising methods.

Petaluma Local, No. 293, Painters, has adopted the five-day week schedule, to go into effect May 19. The proposal was presented to the boss painters some time ago and all favored the proposition. Heretofore the painters have been working five and a half days a week and now they will have all Saturday as a holiday.

C. M. Burchell of Wheatland, was named president of the Sacramento Valley Retail Hardware Dealers' Association at a recent meeting in Sacramento. R. P. Shorrock was chosen vice-president, W. R. Britland, secretary and R. W. Fitzgerald, all of Sacramento, treasurer. LeRoy Smith of San Francisco, secretary of the California State Retail Hardware and Implement Association, was a guest at the election meeting.

John Graham, A. I. A., at the third joint dinner meeting of members of the Washington State Chapter, American Institute of Architects and the Seattle Chapter, Associated General Contractors of America, at Seattle, April 19, in speaking on the general contract system, declared it is much more satisfactory than segregated contracts, in his experience. He declared that he is obtaining better results with one contract for an entire project, including even heating and plumbing under the general. "The best interests of the industry," he said, "will be served by building up strong general contractors and thus obtain organizations competent to carry out a project in all its details, competent to act as real partners of the architects completing the structure."

JOHNS-MANVILLE IMPROVES EAST BAY HOLDINGS TO MEET DEMAND OF PACIFIC COAST FOR PRODUCTS

To better serve the rapidly increasing population of the Pacific Coast with its various materials and allied products, the Johns-Manville Corporation, in September, 1920, started construction of a California factory at Pittsburg, Contra Costa County.

Pittsburg was found to be ideally located for a plant of this kind. It is less than fifty miles from San Francisco, Oakland, Sacramento and Stockton, principal distribution points for Northern California. It is served by three transcontinental rail lines, besides being situated on the headwaters of Suisun Bay where deep water development now under way will permit of direct call by ocean-going vessels, providing prompt deliveries to all Pacific Coast points and the Far East. Other large industries, a mild and healthful climate and comfortable homes insure very satisfactory labor conditions.

The original factory consisting of two units, each of them really a factory in itself, was completed in the latter part of January, 1926, when local manufacture was started of rigid asbestos shingles, steam and cold insulation materials, insulating and refractory cements.

That their recognition of the possibilities for greater sales through the establishment of a well located western manufacturing plant has been thoroughly justified is indicated by the extensive additions which the Johns-Manville Corporation is now making.

Because of largely increased demand for other materials heretofore manufactured only in their Eastern factories, Johns-Manville Corporation have recently purchased two additional tracts of land

adjoining their present Pittsburg holdings. It was found necessary to purchase this additional land, as present plans contemplate a manufacturing plant much larger than originally planned; also to give them dock facilities necessary to handle the large coastwise steamships.

The plans are well under way for the construction of a 600-foot wharf, and warehouse, at the water's edge, and the building of two more manufacturing units. Contracts for structural steel have already been let, and it is expected to have a portion of this new plant, comprising the paper mill and roofing units, in operation by July 1. Construction of this plant will be under the direct supervision of Mr. P. A. Andrews, Pacific Coast Manager, assisted by Mr. D. C. Renton, Chief Engineer, and a staff of engineers who have recently arrived from the Company's large Eastern factory at Waukegan, Illinois.

The addition to the plant when completed will manufacture asbestos paper and board, asbestos roofings, asphalt prepared roofings, slate surfaced shingles, deadening felts, roofing cements and coatings, brake band lining and packings, and other specialties which the Company plans on marketing on the Pacific Coast. The equipment will be of the most modern design and will consist of a complete paper mill, roofing plant and asphalt refinery. The capacity of the present boiler plant will be doubled.

This represents another chapter in Western development and in the progress of Johns-Manville Corporation who occupy an enviable position in the manufacturing world.

day depends upon general business conditions and national prosperity than to say, as we used to, that business activity and prosperity depend upon the amount of building that is done. Vast as the building industry is, our business activity has grown more rapidly in extent and variety so that business is relatively less affected by building construction than the building industry is by business. Building is affected now no longer by minimum needs, but by the operation of powerful economic and social factors which grow out of the general business situation and its effect upon standards of living.

"From a construction point of view most of the United States looks like the devil and is 50 years behind the times, even as compared with most of the impoverished countries of Europe. We may, therefore, expect to be occupied with the enormous task of reconstructing and improving our national building equipment for years to come; and by the time we have caught up generally with even the current standards, these in turn will have shifted to a still higher level.

"Cautious and conservative people will ask where the money for all this is coming from, whether continued expansion in building will not invite speculative excesses and raise building costs to prohibitive levels. There may be some reason for feeling that building in some of the larger cities has run ahead of existing standards and effective demand, but I doubt whether this is true even in New York, where large portions of the population still live under conditions that are inexcusable from either an economic or social point of view.

"There is no ground for fearing any stringency of capital for building purposes in the long run."

U. S. ROAD CONSTRUCTION

Road building projects completed in the United States since the beginning of the fiscal year on July 1, 1921, amounted to 6,592.5 miles at a cost of \$155,177,915.59, of which the Federal Government paid \$68,289,824.77, the Bureau of Public Roads reports. Federal aid funds still available for Federal aid highway construction now total \$84,115,118.45.

The Bureau states that projects under construction for a mileage of 11,510.8 miles, will cost \$306,185,374.92, with the Federal Government paying \$126,486,015.43. These figures include projects reported completed whose final vouchers are not yet paid, totaling 3,178.9 miles at an estimated cost of \$87,211,295.12 and a Federal-aid share of \$36,351,738.01.

Projects approved for construction, according to the Bureau, will total 2,363.5 miles, costing \$75,742,973.54, of which the Federal-aid allotment is \$28,725,350.11.

TROLLEY TUNNELS PROPOSED TO RELIEVE OAKLAND TRAFFIC

Solution of the Twelfth street dam "bottleneck" problem in Oakland by the use of street car tunnels at the eastern end of the dam to First avenue and to East Fourteenth street is advocated in a plan submitted to Commissioner Wm. H. Parker by Harland Bartholomew and the major highway and traffic committee of one hundred.

Presenting a novel idea for the relief of traffic congestion on the dam the plan would eliminate the most dangerous grade crossing in the Twelfth street dam area.

In addition, a pedestrian subway to the municipal auditorium from the loading platforms on the Twelfth street dam would also be constructed.

Cost of the tunnels would be between \$1,600,000 and \$1,700,000, according to Parker.

Henry C. Reid will operate from 289 Clementina street, San Francisco, under the firm name of Northern Street Lighting Company.

ECONOMIST SAYS CONSTRUCTION LEVEL IS DEPENDENT UPON GENERAL BUSINESS AND NATIONAL PROSPERITY

The general level of building activity that has prevailed during the past three years probably represents the new normal level for the industry in this country, and there is no reason to expect any material recession from this level in the future, Virgil Jordan, chief economist of the National Industrial Conference Board told the Credit Association of the Building Trades of New York.

"The immediate outlook for building," he said, "depends chiefly upon general business and credit conditions in the next few months, and in these respects there is nothing to worry about, even though money may be temporarily tighter and business a little hesitant during the summer. It is far more reasonable to expect that after the stock market has had some of its speculative enthusiasm knocked out of it, easier money and rising prices will stimulate speculation in commodity markets and lead to a rapid and general expansion of business which will carry building along with it to still higher levels next year.

"In the building industry as in all other fields of business, it is high time that we throw overboard some of our traditional ideas of what is normal and proper, and recognize that we live on a radically different plane of public demand and industrial accomplishment than before the war.

War Deficit Insignificant

"Economist and statisticians like to fit the ups and downs of business into

regular cycles and to make its development conform over long periods to a smooth curve of growth. These formulas may be true enough as a historical record of our brief past, but there is no reason to suppose that we are chained to them for the future. Business is no mere machine following purely mechanical laws; it is determined fundamentally by changes in human psychology, but these the statistician has no means of taking into account.

"This is particularly true in its application to the building industry. During the past five years statisticians have been wrangling about the length of time before the war-time 'shortage' in building will be made up and the probable return to some 'normal' of building activity. Invariably these calculations have been upset by the facts, because the future growth of any fundamental type of consumption demand, such as building, cannot be measured by any purely statistical means.

"The deficit in building during the war has been very little, if anything, to do with the level of building activity in the past few years or at the present time. The level of building, like that of industrial and trade activity, is not determined by what happened in the past, but by the way we feel and the things we want now and in the future.

Construction 50 Years Behind

"It is far more accurate, therefore, to say that the level of building activity to-

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department

SEATTLE CONTRACTORS MUST WATCH STEP IN BIDDING

"Be it resolved by the Board of Public Works, That hereafter, the Board will not take cognizance of claims of errors or omissions made by bidders on public work, which claims are made after the opening of the bids, but that in all cases any relief afforded the bidder must be received by court action."

"That in black and white is a warning against carelessness in estimating city work in Seattle. It is a clause incorporated in the bid sheets on every job."

Yet, says the Pacific Builder and Engineer, a careless bidder, and a veteran contractor at that, found himself \$11,000 low on two jobs totaling \$37,000. After seeing his competitors' bids he wanted to enig. This publication believes the board of public works should make that contractor carry out his bid—only by such drastic measures can the careless be made careful. The careless constitute a great menace to sane contracting.

A newcomer in the Seattle field recently bid, by error, \$4.73 for brick paving between railway tracks. He will drop not less than \$1 a yard on that job.

How much better for both of these men if they would win one job a year at a profit rather than a dozen at or below cost!

PACIFIC COAST BUILDING CODE TOPIC AT SAN JOSE MEET

The uniform building code was the magnet which drew leading central California builders together at a meeting in San Jose May 11.

Members of the central section, Pacific Coast Building Officials' conference, discussed the code at a meeting at the Sainte Claire hotel. The program opened with lunch, and continued throughout the afternoon.

Code advantages were illustrated in a tabloid drama in which M. C. Woodruff, San Jose building inspector, and J. E. Mackie, section managing secretary-treasurer, had the principal roles.

State Housing Director Robert Grieg said his commission recommended code adoption for the reason that it is workable and practicable, and covers virtually all points liable to arise.

Woodruff and S. P. Koch, Berkeley, section chairman, spoke on the code. Koch acted as chairman of the meeting. Following the regular program, open forum occupied a couple of hours.

It was announced at the session that another district meeting will probably be held in one of the bay cities before the annual meeting of the conference, scheduled at Fresno in October.

LOS ANGELES BUILDING EXCHANGE ELECTS OFFICERS

Entering on its thirty-sixth year, the Los Angeles Builders' Exchange last week re-elected Ralph E. Homann of the Ralph E. Homann Co., president, with L. B. Webster of the W. P. Fuller Co., first vice-president, W. H. C. Ness of the National Cornice Works as second vice-president, and W. J. Davies of W. A. Davies & Son treasurer. Mano Zan is continued as secretary and general manager of the exchange.

Members of the new executive committee include George Finney of the Gas Furnace Association of Southern California; George D. Marcy, manager of the National Surety Co.; W. C. McColl, the Austin Co. of California; Guy E. Living-

ston, Angelus Roof Paper & Paint Co.; Guy C. Boynton, Baker Iron Works; Harry L. Masser, Los Angeles Gas and Electric Corporation, and with Lou B. Webster as chairman.

A constructive program for the coming year has been laid out, according to Mano Zan, general manager of the exchange.

"NON-COMPETITIVE CLASS"

Says the weekly bulletin of the Pasadena Builders' Exchange, edited by Geo. W. Israel, secretary-manager:

"Recently a San Francisco concern came to Los Angeles, it is reported, and obtained work in a great many cases without the usual competition due to the high character of work and materials turned out by the firm. While this was outside competition, it received the approval of many because the quality of workmanship placed the firm in the non-competitive class. In the foregoing is a potent lesson for the various elements of the construction industry. When a concern is able to come from a rival community and obtain contracts in a field already overcrowded with competition, without resorting to unfair tactics, it deserves commendation of the highest type. Undoubtedly, this firm has learned that quality and service mean more to the discriminating buyer than an attractive bid price. It may take years for a firm or individual to establish a reputation for quality, but once established it forms the basic foundation for prosperity. Superior quality is invariably lifted from the competitive class and placed on a pedestal, where it is seldom touched by the irresponsibles and incompetents. Quality has no fixed price and commands its worth."

CLAY PRODUCTS MANUFACTURERS PERFECT STATE ORGANIZATION

Manufacturers of clay products throughout California announce the formation of a new organization to be called the Clay Products Institute.

Thirty manufacturing organizations have joined and headquarters are to be established in San Francisco and Los Angeles. One of the purposes of the new institute is to bring about better standards for building construction by advocating public tests of building materials.

The organization is developing plans to insure the manufacture of clay products in the best approved methods and the proper use of the materials after they are manufactured. It is hoped to have these plans adopted in building codes and ordinances of cities throughout the State.

Robert Linton of Los Angeles has been chosen as president; George D. Clark, vice-president; H. B. Potter, treasurer; Seward C. Simons, secretary and manager. Those named as directors are E. M. Davids, Gus Larson, F. H. Wild, W. Dennis and N. A. Dickey.

CARNEGIE ENGINEERING COURSES

Excepting a few great instructors and special lecturers, none but members of the regular faculty staff has been appointed to the summer session staff this year at the Carnegie Institute of Technology in Pittsburgh, according to an announcement. Guest members of the staff will be on duty at various periods during the six and eight weeks' courses for teachers beginning June 11 and June 25. For the undergraduate courses in engineering and industrial subjects, beginning June 11, only members of the regular faculty have been engaged.

UNIONS WIN FAVOR

A worker who does not belong to one of the trade unions in Russia is very much out of work. A recent order providing for the rationing of butter, soap, macaroni and eggs, gives double portions to all members of trades unions. In addition clothing, rice and potato flour may be sold to union members only.

LUMBER GRADE-MARKING FAVORED BY AMERICAN BUILDERS

Builders of the United States sponsor the universal grade-marking of every piece of lumber to show its quality, Wm. F. Chew, Managing Director of the Builders' Exchange of Baltimore, declared before the annual meeting of the National Committee on Wood Utilization of the Department of Commerce.

As the representative of the National Association of Builders' Exchanges, Mr. Chew declared that foremost among the interests of the exchanges is the desire to effect improvement in the building industries, and one of the most important problems in this field has to do with the use of building materials.

"We are interested in all of the projects that are being developed by the National Committee which in any way touch the interests of the building industry," he said. "We are glad to do everything we can to stimulate a wider demand for short-length and end-matched lumber. I can assure you that the group I represent, composed of 50 local Builders' Exchanges with a total membership of 15,000, is one hundred per cent for grade-marking and for the development of practices in the lumber industry which will insure our members receiving better and well seasoned lumber."

Changing conditions in the industry and changing construction methods have brought about a pressing need for authoritative information on the use of wood in construction, he added. For this reason, he said, builders are vitally interested in the manual on wood construction now being prepared by the Committee, because it will promote wiser and more efficient use of this building material. Two-thirds of the output of the sawmill goes into construction, and while plenty of emphasis is placed upon the proper use of concrete and steel little attention is paid to the product of the sawmill because of the lack of attention-compelling the information on the proper use and application of lumber.

"In my judgment," he said, "This Committee is an outstanding development in co-operative effort between builders and those who produce a building material. It is the first time in the history of the building industry in this country that users of a construction material have had an opportunity to work out ways and means of improved utilization. The campaign of education being conducted should result in distinct public benefits. Real economies that will affect the pocketbook of every taxpayer should follow the general application of the recommendation of this Committee."

DANGEROUSLY DEEP

Northerner: "Pretty mild winter you have down here."

Southerner: "Mild? Do you call two feet of snow mild?"

Northerner: "Two feet! Say, man, the snow was so deep in our country last winter that the farmers had to jack up their cows to milk 'em."

ALAMEDA BUILDING PERMITS

Alameda reports the issuance of fifteen building permits for new buildings during the month of April, 1928, the estimated cost of which was \$73,000. Forty-two permits were issued for alterations and repairs involving an expenditure of \$23,515, bringing the total valuation for the month to \$97,315.

Building News Section

APARTMENTS

To Be Done By Day's Work and Sub-Contracts.

APARTMENTS Cost, \$150,000
SAN FRANCISCO. SE Hayes and Stanyan Streets.

Six-story reinforced concrete apartment building (36 apts.)
 Owner and Builder—Phil Harris, 1588 Ninth Ave., San Francisco.
 Plans by Owner.

LOS ANGELES, Cal.—Architect Arthur E. Harvey, 823 Black Bldg., has completed prel. plans and Luther T. Mayo, 831 Black Bldg., will build 8-story and basement Class A apartments at Rossmore and Rosewood Aves.; apartments from 2 to 5 rooms each; concrete and steel construction.

LOS ANGELES, Cal.—Paul Stockigt, 3140 Sunset Blvd., preparing prel. plans for a 1-story and basement Italian type apartment building to be built on Virginia Ave. for J. A. Carter, 2835 Buckingham Road; 39 units divided into 86 rooms; brick construction.

LOS ANGELES, Cal.—J. A. Carter, 2835 Buckingham Rd., taking sub-bids for 4-story and basement 68-room, 28-family Class C apartment on Detroit St. near Wilshire Blvd. for self; plans by Paul Stockigt, 3140 Sunset Blvd.; 52x105 feet, brick walls, structural steel.

LOS ANGELES, Cal.—Architect Vincent Palmer, 5419 W 6th St., completing plans and Henry G. Grimwood, 45 16th St., Hermosa Beach, will build a 5-story class B apartment at San Marino and Magnolia, for S. W. Ward; 70x132 feet, reinforced concrete walls.

LOS ANGELES, Cal.—Interstate Mtge. & Inv. Co., builder, 6001 Santa Monica Blvd., seeks building permit for 4-story and basement, 175-room, 80-family class C apartment; 120x114 feet, at 720 S. Normandie Ave. for Francis J. Murphy; Milton R. Friedman, architect, 6001 Santa Monica Blvd.; brick walls, structural steel; \$160,000.

Sub-Bids Being Taken
A.P.T. BLDG. Cost, \$50,000
SAN FRANCISCO. NE Vallejo and Mason Streets.

Four-story and basement reinforced concrete apt. bldg. (12 apts.)
 Owner—E. Marconi, 751 Filbert St.
 Architect—L. F. De Martini, 914 Broadway.

Contractor—T. Garolli, San Mateo.

Planned
A.P.T. BLDG. Cost, \$150,000
ALAMEDA, Alameda Co., Cal. N Central Ave. W of Alameda Hotel.
 Three-story concrete apt. bldg. (31 2 and 3 room apts; all modern conveniences)
 Owner—Ray Blanco, Oakland & Vallejo.
 Architect—None.

Preliminary Plans Being Prepared.
APARTMENT Cost, \$—
SAN FRANCISCO. NE Bay and Leavenworth Streets.
 Group of 8 buildings (apartment buildings, flats and stores).
 Owner—Progressive Realty Co., 1191 Potrero Ave., San Francisco
 Plans by Owner.

Preliminary Sketches Being Prepared.
APARTMENTS Cost, \$500,000
SAN FRANCISCO. Area bounded by NW Irving St., 48th Ave. and La Playa St.
 Two six-story and basement steel and brick apartments and two three-story frame and brick veneer apartments.

Owner—Unit Constr. Co. (J. E. Raymond)
 Architect Irvine & Ebbets, Cal Bldg., San Francisco.

LOS ANGELES, Cal.—L. A. Rose, builder, 1247 S. Western Ave., seeks building permit to erect 4-story 183 room, 90 family Class C apartment, 147x130 feet at 1250 S. Western Ave. for Edith R. Riskin, 214 S. Main St.; plans by Max Maltzman, 603 Financial Center Bldg.; structural steel, brick walls; \$160,000.

HUNTINGTON PARK, Los Angeles Co., Cal.—F. A. Brown, 1489 W. Washington St., preparing plans for 5-story apartment to be erected on S. Pacific Blvd. for H. N. Longfellow; 120 rooms, single and double apartments; reinforced concrete construction; \$140,000.

BEVERLY HILLS, Los Angeles Co., Cal.—A. H. Goldbogen & Co., 715 Taft Bldg., Los Angeles, taking sub-bids for 7-story and basement Class A apartment on Speedway Ave., for self. Plans by Maurice Grodin, 3230 Sunset Blvd.; 60 apartments divided into 1, 2 and 3-room; 60x116 feet, steel frame, brick filler walls, concrete floors; \$200,000.

LOS ANGELES, Cal.—Architect Louis Selden, 508 Byrne Bldg., revising plans for apartment to be erected at 629 Serrano St. for Rogaff & Gorelick, Roosevelt Bldg. Owners will take segregated bids in about two weeks; 5-story and basement, 40x150 feet, 59 apartments; brick walls, structural steel.

SPOKANE, Wash.—Architect G. A. Pehrson, Spokane, commissioned to prepare plans for six-story apartment at n. e. 7th and Howard Sts., for Eastern Investment Co., Ben Goldstein, principal stockholder, 150 by 142 feet, containing 65 apts. of 2, 3 and 5 rooms, with sub-basement for garage. Florentine design; brick and terra cotta.

LOS ANGELES, Cal.—Great Republic Development Co., 340 Roosevelt Bldg., taking segregated bids for 5-story and basement Class A apartment on Manhattan Pl. near 16th St., for E. C. Williams; 140 rooms divided into single and double apartments and hotel rooms with 100% baths; reinforced concrete construction, 60x160 feet; \$200,000.

LOS ANGELES, Cal.—E. T. Davis Construction Co., 416 Taft Bldg., Hollywood, has contract and desires bids on sub-contracts for 7-story and basement reinforced concrete apartments on Wilton Pl., near San Marino St. for E. F. Moore; 123 rooms, 60x150 ft., reinforced concrete construction, cast stone and face brick exterior; \$250,000. Plans by William D. Coffy, 1224 1/2 Third Ave.

LOS ANGELES, Cal.—E. T. Davis Construction Co., 416 Taft Bldg., Hollywood, has contract and desires bids on sub-contracts for 10-story and basement class A apartment at 915 Wilcox Ave. for J. W. Moring; 90 apts., 67x172 ft., reinforced concrete construction; \$400,000. Plan by Architect F. A. Brown, 1489 W. Washington St.

LOS ANGELES, Cal.—John M. Coope Co., Inc., 301 Rives-Strong Bldg., completing plans and will build a 6-story class B apartments on Columbia St. bet. 6th St. and Crown Hill; 11 double and 3 single apts.; reinforced concrete frame.

LOS ANGELES, Cal.—John M. Coope Co., Inc., 301 Rives-Strong Bldg., completing plans and will build a 6-story and basement class B apartment on Wilmer St. bet. 6th St. and Crown Hill; 11 double and 37 single apts.; reinforced concrete frame.

LOS ANGELES, Cal.—Architect Leonard A. Bryant, 700 S. La Brea Ave., completes prel. plans and Tierstein Construction Co., 1737 N. Whitley Ave., will build 8-story class A apts. on Cherokee Ave., near Franklin Ave., \$500,000. Reinforced concrete.

Roofing Bids Wanted
APARTMENTS Cost, \$75,000
SAN FRANCISCO. NE Gough St. and Fern Ave.
 Six-story and basement reinforced concrete building.
 Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
 Plans by owner.
 Other awards previously reported.

Plans to be prepared
A.P.T. BLDG. Cost, \$65,000
STOCKTON, San Joaquin Co., Cal. Oak and Commerce Sts.
 Three-story brick apartment bldg. (27 apts., composition roofing, tile baths, pressed brick exterior).
 Owner—Herman Bloom.
 Plans by Mr. Peletz.
 Contractor—L. S. Peletz, 619 E. Miner St. Stockton.

It will probably be a year before construction will be started.

Wrecking Contract Awarded
A.P.T. BLDG. Cost, \$125,000
SAN FRANCISCO. NW Pierce and California Sts.
 Six-story reinforced concrete apt. bldg. (44 apts.)
 Owner and Builder—Herman D. Hogrefe, 2730 Anza St.
 Architect—Edward E. Young, 2002 California St.
 Wrecking—Banks Wrecking Co., 1230 Howard St.
 Sub-bids are being taken on other portions of the work.

LOS ANGELES, Cal.—Architect C. C. Frye, 526 Pacific National Bank Bldg., taking segregated contracts for 5-story and basement Class A apartment at Sunset Blvd. and Kenmore Ave., for E. J. Burton; 124 rooms divided into single and double apartments; brick and terra cotta facing.


To Be Done By Day's Work.
APARTMENTS Cost, \$27,000
BERKELEY, Alameda Co., Cal. No. 2508 Benvenue Avenue.
 Three-story frame apartment house (45 rooms, 15 apts.)
 Owner and Builder—R. H. Bradshaw, 6425 Telegraph Ave., Berkeley.
 Plans by Owner.

Contract Awarded
UNDERPIN WALL Cost, \$8,000
SAN FRANCISCO. Bush & Powell Sts.
 Underpinning wall of apartments.
 Owner—G. Chiappari, M. Baldocchi, 619 Washington St.
 Architect—None.
 Contractor—Lindgren & Swinerton, 225 Bush St.

Orders-Inquiries

60 pages
Send for
FREE COPY

Can be
Secured
by
MAIL



POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 3,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your **FREE COPY**
R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

LOS ANGELES, Cal.—A. V. Parkinson, builder, 3977 S. Vermont Ave., seeks building permit to erect a 4-story, 81-room, 36-family apartment, 60x140 feet, at 520 S. Hobart Blvd. for Mrs. C. F. Powell; Balch & Stanley, architects and engineers, 1584 W. Washington St.; concrete and brick construction; \$80,000.

Contract Awarded.
APARTMENTS Cost, \$30,000
SAN FRANCISCO. N Duboce Ave. W Valencia St.
Three-story and basement frame and stucco apartment building (15 apts.)
Owner—R. F. Lindsay, 550 Joost Ave., San Francisco.
Architect—Irvine & Ebbets, Call Bldg., San Francisco.
Contractor—Lindsay Constr. Co., 550 Joost Ave., San Francisco.

Sub-Bids To Be Taken In A Few Days.
APARTMENTS Cost, \$200,000
SAN FRANCISCO. N Pacific Ave. E Webster Street.
Seven-story Class A apartment building
Owner and Builder—Jesse D. Hannah.
Architect—Edward E. Young, 2002 California St., San Francisco.

SAN PEDRO, Los Angeles Co., Cal.—Norfolk Holding Co., 208 Pacific National Bank Bldg., Los Angeles, will erect 3-story Class C apartment building at San Pedro for self; 54 rooms divided into 30 apartments; brick construction, 96x96 feet.

LOS ANGELES, Cal.—Frank Webster, 922 Guaranty Bldg., preparing plans for 7-story and basement Class A apartments at Hillcrest Rd. and Bonita Terrace for Sidney Ullman; 50x70 feet; reinforced concrete construction; \$140,000.

LOS ANGELES, Cal.—Frank Webster, 922 Guaranty Bldg., preparing plans for 4-story and basement apartments in Fountain Ave. near Vermont Ave., for Russell Long; 42x167 ft.; reinforced concrete walls; \$150,000.

LOS ANGELES, Cal.—Architect Louis Selden, 508 Byrne Bldg., preparing plans for 4-story and basement Class C apartments, 50x137 feet, in Mariposa Ave. near 3rd St., for Harry Rogoff, Roosevelt Bldg. Owner will take segregated bids; 86 rooms; brick construction; \$80,000.

LOS ANGELES, Cal.—C. Waldo Powers, 608 Hibernian Bldg., has prepared plans for a six-story Class B apartment building, 112x120 feet, to be erected at Union and Ingram Sts. by L. H. Halper, 608 Hibernian Bldg. Owner will take segregated bids; 212 rooms, divided into 105 apartments; brick walls, structural steel.

BONDS

LIVERMORE, Alameda Co., Cal.—Women's Improvement Club urges erection of new high school building. Construction would be financed via a bond issue.

SACRAMENTO, Cal.—Board of Education sets June 16 as date to vote bonds of \$2,716,000 to finance erection of new schools and additions to standing structures. The bonds will run for thirty years instead of twenty years as first proposed.

SANTA ANA, Orange Co., Cal.—June 5 set as date to vote bonds of \$1,276,000 to finance erection of new schools and additions to standing structures.

VISALIA, Tulare Co., Cal.—Until June 4 bids will be received by county supervisors for purchase of \$7000 bond issue of Liberty School District; proceeds of sale to finance school improvements.

DALY CITY, San Mateo Co., Cal.—Jefferson Union High School District votes bonds of \$25,000 to finance erection of industrial building and purchase of necessary equipment.

DUNSMUIR, Siskiyou Co., Cal.—Dunsmuir Grammar School District sets June 5 as date to vote bonds of \$9,000 to finance 2-classroom addition to present school and purchase of necessary furniture. Trustees of district are: B. R. Fauber, R. W. Quigley and Jennie F. Ward, (clerk).

MERCED, Merced Co., Cal.—Merced Elementary School District votes bonds of \$27,444 to finance 4-classroom addition, enlargement of heating plant and improvement of school grounds.

SAN JOSE, Santa Clara Co., Cal.—June 5 is date set to vote bonds of \$37,000 to finance completion of adequate sanitary facilities in schools.

INGLEWOOD, Los Angeles Co., Cal.—Architects T. C. Kistner & Co., Architects BGG, Los Angeles, commissioned by Inglewood Union High School District to prepare plans for complete high school plant to comprise auditorium, manual arts and domestic science departments, cafeteria, gymnasium, locker and shower rooms and classroom building. Bonds will be voted to finance construction, the exact amount of which has not been determined.

ONTARIO, San Bernardino Co., Cal.—Merton E. Hill, principal of Chaffey Union High School, recommends bond issue to finance erection of additional school buildings, including girls' gymnasium, library, junior college, academic building, commercial building and industrial high school.

SAN MATEO, San Mateo Co., Cal.—San Mateo Grammar School District will call election to vote bonds of \$150,000 to finance erection of new school in San Mateo Park, erection of first unit of new school in Homestead District, painting and other improvements at Peninsula Ave., Homestead and Lawrence Schools.

PIEDMONT, Alameda Co., Cal.—Piedmont City School District defeats proposal to issue bonds of \$537,000 to finance school building program. Vote was 2270 against proposal with 1451 in favor.

CHURCHES

Plans Being Completed
SYNAGOGUE Cost, \$100,000
OAKLAND, Alameda Co., Cal. Perry St. W. Grand Ave.

Brick synagogue (height of structure not determined).

Owner—Congregation Beth Abraham.
Architect—George E. Ellinger, 1723 Webster St., Oakland.

Following are the officers: L. Engleberg, president; K. Gluck, vice president; David Bercovich, treasurer; Eugene Weiss, secretary and Sam Katzberg, H. Goldman, I. Bearman, I. Jacobs, H. Davis, I. Lazar and Harry Stroll, trustees.

Bids will be called for shortly.

Contract Awarded
CHURCH Cont. Price, \$89,500
OAKLAND, Alameda Co., Cal. Twenty-ninth and Fairmount Aves.
One- and two-story reinforced concrete church building.

Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg., San Jose.

Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Contracts Awarded
CHURCH Cont. Price \$89,500
OAKLAND, Alameda Co., Cal. Twenty-ninth and Fairmount Aves.
One- and two-story reinforced concrete church building.
Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg., San Jose.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

General Work
J. A. Bryant, 185 Stevenson St., San Francisco.....\$89,500

Painting
Jas. Burdon & Son, 354 Hobart St. Oakland.....4,250

Finish Hardware
Builders' Hardware Co., 2081 Franklin St., Oakland.....\$2,600

Plumbing and Heating
Scott Co., 243 Minna St., S. F.....\$4,900.75

Tile and Composition Roofing
Eckhardt and Ferrabee, 354 Hobart St., Oakland.....\$2,985

Following is a complete list of the bids:

General Work
Joseph Chirhart, Stockton.....\$89,975
Lawton & Vezey, Oakland.....91,458
Cobby & Son, San Francisco.....93,000
Connor & Connor, Berkeley.....95,335
Vogt & Davidson, S. F.....95,843
Chas. H. Nilson, Oakland.....98,276

Painting
A. A. Zelinsky, 4420 California St., S. F.....\$7,882
Raphael Co., S. F.....7,682
Mastercraft Dec., S. F.....9,775

Finish Hardware
E. M. Hundley, 662 Mission St., San Francisco.....\$3,431
Maxwell Co., Oakland.....5,866

Plumbing and Heating
Carl T. Doell, 467 21st St., Oak.....\$5,477
Geo. Schuster, Oakland.....5,555
W. H. Picard, Oakland.....6,619
Scott Co., Oakland.....7,500
Walter S. Deland, Oakland.....8,724
P. J. Enright, S. F.....9,400

Tile and Composition Roofing
C. L. Frost, 1018 Kellam St., Montevideo (no paper, no compo., tile only).....\$2,553

W. L. Saxby, Oakland (tile roof only).....2,766
Alta Roofing Co., S. F.....3,054
Malott & Peterson, S. F.....3,161
Bender Roofing Co., S. F.....5,567

Tile and Marble Work
Oakland Con. & Terr. Co., 2227 Market St., Oakland.....\$1,990
Henry Gervais Co., S. F.....2,290
M. H. Gnecco Co., S. F.....2,475
Rigney Tile Co., Oakland.....2,927

Cast Cement
V. D. Russe Co., 2227 E 14th St., Oakland.....\$2,850
John P. Woods, Oakland.....2,854
O. F. Larson & Son, Oakland.....3,500
J. O'Reilly, S. F.....4,962
A. Dackert Co., S. F.....5,902
McGruer & Co., S. F.....6,250

Glass
East Bay Glass Co., 369 5th St., Oakland.....\$925
Cobbledick-Kibbe Co., Oakland.....945
W. P. Fuller Co., Oakland.....1,050
Tyre Bros. Glass Co., S. F.....1,210

Plastering
J. T. Kingrea, 4116 Terrace St., Oakland.....\$10.40
Perry Bros., Oakland.....19,232
A. J. Hillam, Oakland.....19,646
Summers, Oakland.....19,730
McGruer & Simpson.....19,376
L. Bosch, Oakland.....20,900
Robert Orr, Oakland.....21,430
Vincent Patta, Oakland.....21,487
A. Knowles, Oakland.....23,687
J. O'Reilly, S. F.....25,863

Other contracts will be awarded shortly.

Completing Preliminary Plans
CHURCH BLDG. Cost, \$60,000
OAKLAND, Alameda Co., Cal.
One-story frame and stucco church bldg. (auditorium seating capacity 600).
Owner—Melrose Baptist Church.
Architect—Blaine & Olsen, 1755 Broadway, Oakland.
Working drawings will be started in one week.

Bids In—Under Advertisment
CHURCH BLDG. Cost, \$30,000
OROVILLE, Butte Co., Cal.
One-story brick church bldg. (seating capacity 400).
Owner—Oroville Catholic Church.
Architect—Harry De Vine, 1405 41st St., Sacramento.
Upon the return of the Bishop, who is now out of town, the bids will be opened.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Complaining Plan*
ALTERATIONS. Cost, \$27,800
STOCKTON. San Joaquin Co., Cal.
 Minor and San Joaquin Sts.
 Remodeling of church building (33 rooms,
 2 banquet halls, etc.)
 Owner—Central Methodist Church.
 Architect—Davis-Patterson Co., 47 N. Grant
 St., Stockton, and Mayo & Russell,
 121 E. Miner St., Stockton, Asso-
 ciated.

There will be parlors for the church
 ladies, high school groups and college
 groups, and kitchenettes for each. A
 new Sunday school will be provided and
 a church cathedral. A third floor, a
 trolleyway on the north side.

PORTLAND, Ore. Elmer E. Feig, des-
 igner for the Western Bond & Mortgage
 Co., 72 Broadway, Portland, commission-
 ed to prepare plans for new edifice for
 East Side Christian Church at East 39th
 and Senate Sts.; est. cost, \$60,000. Rev.
 Arthur Eaton, pastor. Auditorium to
 seat 350; 10 classrooms.

To Be Done By Day's Work.
ADDITION. Cost, \$5000
STOCKTON, San Joaquin Co., Cal. Flora
 and Hunter Streets.
 One-story frame and stucco addition to
 church building.
 Owner—Nazarenes Church.
 Architect—None.

The building committee consists of
 Floyd Klinger, Earl Gaskill and C. W.
 Morrill. The trustees of the church are
 E. R. Gaskill, O. Voshel, John Rohrer,
 Floyd Klinger, C. W. Morrill, W. R.
 Rohrer and Mrs. L. Morgan.

Work will be started in about three
 weeks.

CORNING, Tehama Co., Cal.—Four-
 square Gospel Lighthouse Church has
 purchased site at Solano St. and Hough-
 ton Ave. and will erect new edifice.

GLENDALE, Los Angeles Co., Cal.—
 Architect I. E. Loveless, 714 Chester
 Williams Bldg., Los Angeles, completing
 working plans for stucco church to be
 erected at 923 N. Brand Blvd., Glendale,
 for Roman Catholic Bishop of Los An-
 geles and San Diego, parish of the In-
 carnation. Rev. E. J. Panner, pastor;
 seating capacity approx. 450; frame and
 stucco, clay tile roofing. Bids will be
 taken in near future.

LANKERSHIM, Los Angeles Co., Cal.
 —Arthur G. Lindley, 410 American Bank
 Bldg., Los Angeles, commissioned to pre-
 pare plans for addition to Community
 M. E. Church on Lankershim Blvd. Ad-
 ditional auditorium, social hall and Sun-
 day school department space will be pro-
 vided. Frame and stucco construction.

FACTORIES & WAREHOUSES

Sub-Bids Being Taken
ADD. TO WAREHOUSE. Cost, \$50,000
SAN FRANCISCO, SW 15th and Ver-
 mont Streets.
 Two-story addition to present class C
 storage warehouse.
 Owner—Western Pacific R. R. Co., Mills
 Building.
 Architect—Eng. Dept. of Owner, H. M.
 Smitten, Engineer.
 Contractor—F. R. Siegrist Co., 693 Mis-
 sion St.

Plans Being Prepared.
DYEING & CLEANING PLANT
 Cost, \$12,000
SAN RAFAEL, Marin Co., Cal. Fourth
 Street.
 One-story reinforced concrete dyenig and
 cleaning plant.
 Owner—Jules Risso.
 Architect—S. Heiman, 57 Post St., San
 Francisco.

DEL REY, Fresno Co., Cal.—Alex.
 Luther, Del Rey, awarded contract by
 Del Rey Ranch, Clifford McElrath, su-
 perintendent, to erect packing plant; 50
 ft. by 150 ft. Stemmer and other equip-
 ment will be installed for packing raisins.

KLAMATH FALLS, Ore.—Geo. S. Long
 Tacoma, Wash. general manager of Wey-
 chausser Lumber Co., announces con-
 struction will be started at once on a
 lumber mill 5 miles from Klamath Falls.
 Will have capacity of between 250,000 and
 275,000-ft. per shift.



FORGET

Forget the kindness that you do
 As soon as you have done it.
 Forget the praise that falls to you
 As soon as you have won it.
 Forget the slander that you hear
 Before you can repeat it.
 Forget each slight, each spite, each sneer
 Wherever you may meet it.
 —Ray Havens, Past Pres. International
 Rotary.

IF WE could only.
 FOLLOW THE above eight lines.
 HOW MUCH happiness.
 WE WOULD give the world.
 MOST OF us.
 AFTER WE do a favor.
 FOR A friend.
 OR SOME unfortunate.
 SIT AROUND day after day.
 AND WAIT for this person.
 TO THANK and thank us.
 WE FORGET.

THAT THE pleasure of doing.
 SHOULD BE our reward.
 WE FORGET.
 THAT IF.
 YOU DO not give.
 YOU NEVER receive.
 AND ABOUT praise.
 IF WE could listen.
 FOR SOMETHING but praise.
 IT IS nice.
 OF COURSE.

TO TELL our friends.
 ABOUT THE nice things.
 THAT THEY do.
 BUT SANDY Pratt, President.
 OF THE Pratt Building Material Co.
 OF SACRAMENTO, Prattrock (near
 Folsom).
 MARYSVILLE, SAN Francisco.
 MAYHEW (SACRAMENTO County).
 ALSO PRATTCO (Monterey County).
 AND PRODUCER.
 OF SAND, rock and gravel.

AT THE above places.
 BELIEVES IN sending the flowers.
 WHILE YOU are alive.
 TO STILL enjoy them.
 YOU CAN'T see them.
 IF THEY are.
 ON TOP of your casket.
 AND NOW about slander.
 ESPECIALLY REGARDING your com-
 petitor.
 NOW DAYS.
 WHEN ANYONE.
 "KNOCKS" HIS competitor.
 PEOPLE BECOME alarmed.
 AT THE knocker.
 AND EITHER don't buy.
 AT ALL.
 OR YOUR competitor.
 GETS THE business.
 SO WHEN Sandy Pratt.
 AND HIS crowd.
 OF FAITHFUL assistants.
 ARE AFTER an order.
 FOR SAND, rock or gravel.
 CLEAN AND sharp.
 IF YOU please.
 THEY SAY.
 ONLY GOOD things.
 ABOUT THE other fellow.
 IN THE sand and rock game.
 "I THANK you."



You can lead them to water, but Sandy
 Pratt, President of the Pratt Building
 Material Co., producer of clean, sharp
 sand, rock and gravel, finds they drink
 water if you put sugar in the water in-
 stead of vinegar.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room
 where plans and specifications may be filed by Architects, Engineers and
 Owners for the convenience of bidders in San Francisco and the Bay Coun-
 ties.

Architects, Engineers and Owners are invited to forward plans of
 their projects to BUILDING AND ENGINEERING NEWS. No charge for
 this service. The plans will be returned in good condition when contract
 for work is let.

Plans Being Figured—Bids Close May 29
PACKING PLANT Cost, \$9000
EAST PETALUMA, Sonoma Co., Cal.
 One-story reinforced concrete packing plant (65x120 feet).
 Owner—Poultry Producers of Central California, 700 Front St., San Francisco.
 Engineer—H. R. Spaulding, 598 Folsom St., San Francisco.
 An alternate bid is to be submitted for a hollow tile and brick building.

Sub-Bids Being Taken
WAREHOUSE Cost, \$60,000
OAKLAND, Alameda Co., Cal. Fourth St. E of Harrison.
 Three-story and basement Class B reinforced concrete warehouse (65x110 feet).
 Owner—Oakland Wholesale Grocery Co., Inc., 4th and Harrison Sts., Oakland.
 Engineer—Norman B. Green, Sharon Bldg., San Francisco.
 Contractor—F. R. Siegrist, 693 Mission St., San Francisco.

Excavating Contract Awarded
BAKERY BLDG. Cost, \$150,000
SAN FRANCISCO, Bryant and Alameda Streets.
 Two-story and basement reinforced concrete bakery building.
 Owner—International Baking Co.
 Architect—Bliss and Fairweather, Balboa Bldg., San Francisco.
 Contractor—MacDonald and Kahn, Financial Center Bldg., S. F.
 Excavating—Granfield Farrar and Carlin, 67 Hoff St., San Francisco.

SEATTLE, Wash.—Fisher Body Corp. builders of automobile bodies, plans purchase of 29-acre site in south industrial district on which it is planned to erect a plant costing between \$2,500,000 and \$3,000,000. The plant will be served by both water and rail.

PORTLAND, Ore.—Architect L. L. Dougan, Kraemer Bldg., completing plans for three-story and basement, 100 by 100 feet, reinforced concrete warehouse at East First and Madison street for Oregon Portland Cement Company.

CHICO, Butte Co., Cal.—Associated Milling and Elevator Co., represented by E. G. Aubrey, (now erecting an elevator and trowbridge, near Wheatland) is conferring with local growers regarding the construction of a grain elevator here. Est. cost \$30,000.

Sub-Bids Being Taken
WAREHOUSE Cost, \$175,000
SAN FRANCISCO, N Paul Ave., E San Bruno.
 Three-story reinforced concrete warehouse.
 Owner—D. M. Ferry & Co., 759 Front St.
 Architect—Albert Kahn, Marquette, Detroit, Mich.
 Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

Structural Steel Contract Awarded
ADD. TO WAREHOUSE Cost, \$50,000
SAN FRANCISCO, SW 15th and Vermont Streets.
 Two-story addition to present class C storage warehouse.
 Owner—Western Pacific R. R. Co., Mills Building.
 Architect—Eng. Dept. of Owner, H. M. Smitten, Engineer.
 Contractor—F. R. Siegrist Co., 693 Mission St.
Structural Steel—Schrader Iron Works, 1247 Harrison St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, \$—
SAN FRANCISCO, Harrison Street.
 Three-story steel frame school department warehouse, 59x152 feet (approx. 200 tons structural steel involved).
 Owner—City & County of San Francisco.
 Architect—Bureau of Architecture, 2nd Floor, City Hall, San Francisco.
 Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
 Bids will be asked by Board of Public Works on completion of plans.

SALINAS, Monterey Co., Cal.—American Legion has started construction of new hangar at Municipal Airport; will have concrete foundations, 40 by 120 ft. Materials are being purchased in the open market.

LOS ANGELES, Cal.—Architects Edward Cray Taylor and Ellis Wing Taylor, 810 W. 6th St., preparing plans for extensions to Wolfer Printing Company's plant at Winston and Wall Sts. A second story, 100x30 feet, Class C construction, will be added and a new two-story structure, 42x134 feet, concrete construction, will be built adjoining existing plant.

Sub-Contracts Awarded
PACKING PLANT—MILL Cost, \$50,000
SANTA CLARA, Santa Clara Co., Cal.
 Three-story packing plant-mill construction.
 Owner—Rosenburg Bros. & Co., 234 California St., San Francisco.
 Architect—Plans by Owners.
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Lumber—Christiansen Lumber Co., 5th & Hooper St., San Francisco.
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.

WEST SACRAMENTO, Sacramento Co., Cal.—Geo. Ulrich Construction Co., Modesto, awarded contract to erect one-story corrugated iron and frame warehouse, 76x176 feet, near Jefferson Station on the Sacramento Short Line; est. cost \$7000.

Plans Being Prepared.
ALTERATIONS Cost, \$10,000
SAN RAFAEL, Marin Co., Cal. On State Highway.
 Alterations and additions to present dyeing and cleaning plant (add office, etc.).
 Owner—Vandernalen's Dyeing & Cleaning Co.
 Architect—S. Heiman, 57 Post St., San Francisco.

LOS ANGELES, Cal.—J. A. Sheldon of Willys-Overland Co., has established headquarters at the Biltmore Hotel, preparatory to taking bids for proposed assembly plant on a 20-acre tract in Laguna-Maywood industrial tract. Bids will probably be taken on general contract. Will consist of a main building, 220x880 feet; reinforced concrete, brick and steel construction. There will be several smaller buildings to include storage buildings and office structure. The plans were prepared by owner's engineering department in Toledo, Ohio.

WOODLAND, Yolo Co., Cal.—F. C. Murphy of Willows has leased site 70x120 ft. at s. e. Main and Fourth Sts., and will erect a service station and install oil and gas storage tanks.

OWENS VALLEY, Inyo Co., Calif.—Pfirman Bros., 5723 So. Broadway, Los Angeles, will erect meat packing and cold storage plant in Manzanar district, Owens Valley; est. cost \$25,000.

SELMA, Fresno Co., Cal.—Southern Pacific R. R. and Selma Chamber of Commerce announce \$3000 has been subscribed as a loan to the chamber to finance the construction of a packing plant. Additional monies will be secured.

FLATS

Contract Awarded.
FLAT BLDG. Cont. Price, \$14,970
SAN FRANCISCO, N Sycamore St. E Valencia St.
 Two-story and basement frame and stucco flat building (2 flats).
 Owner—Martin Kreling, 222 Kearny St., San Francisco.
 Architect—A. H. Knoll, 222 Kearny St., San Francisco.
 Contractor—Larsen & Dybdal, 170 Alpine Terrace, San Francisco.

SAN FRANCISCO—See "Apartments," this issue.

GARAGES

Plans Being Figured—Bids Close May 18.
GARAGE Cost, \$25,000
SAN JOSE, Santa Clara Co., Cal. Auzerais and Prevost Sts.
 Two-story reinforced concrete garage building.
 Owner—Floyd Hanchett, Porter Road, San Jose.
 Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.

Sub-Contracts Awarded
GARAGE Cost, \$40,000
SALINAS, Monterey Co., Cal. Aisal and Monterey Streets.
 One-story steel frame and concrete garage building (100x200 feet).
 Owner—F. E. Heple.
 Architect—W. F. Campbell, Salinas.
 Contractor—F. R. Siegrist Co., 693 Mission St., San Francisco.
Reinforcing Steel—Badt Falk Co., 74 New Montgomery St., San Francisco.
Plumbing and Sheet Metal Work—B. E. Underwood, Salinas.
Plastering—M. F. McGuire, Salinas.
 As previously reported: Structural Steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland;

Plans Being Figured—Bids Close May 22nd.
ALTERATIONS Cost, \$30,000
SAN FRANCISCO, NW Broadway and Polk Street.
 Alterations and additions to present one-story garage and store building.
 Owner—Samuel H. Levin, Inc., Marshall Square Bldg., San Francisco.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until May 28, 10:30 A. M., under Schedule No. 1876, bids will be rec. by Purchasing Officer, Panama Canal, to fur. and del. Balboa (Pacific Port): Power machines (grinding, hack-saw, milling, drilling, screw-cutting lathes and turret lathe), metal furniture and cabinets, electric welding machine, concrete mixers, paving breaker, wire rope, panelboards, telephone switchboard keys, escutcheons and key-mounting strips, monophones, transformer, commutator undercenter, magnets, flashlights, screws nuts, tacks, fire hose, grease cups, electric horns, fire extinguishers, fire extinguisher liquid, wood handles, oil stones, etc. Further information obtainable from Assistant Purchasing Officer, Fort Mason, San Francisco.

WASHINGTON, D. C.—Hot-N-Kold Corp., Frigidaire and York Ice Machinery Co., respectively, submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., May 16, for automatic refrigerators consisting of refrigerator boxes, motor-driven compressors, condensers, liquid receivers, expansion coils or units, wiring, piping and accessories for Mare Island Navy Yard (Hospital). Complete list of bids will be published within the next few days.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
 Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
 School, Hospital and Institutional Work our Specialty
 General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

SAN FRANCISCO.—Until May 25, bids will be received by Superintendent, Phoenix Indian School, Phoenix, to furnish timber for shed at Crissy Field. See call for bids under official proposal section in this issue.

MARE ISLAND, Cal.—Rear-Admiral Luther E. Gregory, chief of the Bureau of Yards and Docks, Navy Department, seeks bids to improve additional facilities at Mare Island Navy Yard and San Diego Naval Station. For Mare Island he seeks \$125,000 for mess hall and barracks for submarine crews, declaring the present structures are fast decaying. He also seeks \$250,000 for battery storage and overhauling building for submarine work at Mare Island, declaring that the present building is in a dangerous condition. At San Diego he recommends \$175,500 appropriation for mess hall and \$184,000 for barracks for enlisted men.

SAN FRANCISCO.—Construction has been started on alterations and additions to Post's Building at Fort Mason to provide accommodations for 100; frame construction. Work is being carried on under supervision of Constructing Quartermaster, Fort Mason.

BENICIA, Solano Co., Cal.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for repairing roof of storehouse No. 77 at Benicia Arsenal. Structure is 550 by 180 feet.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to repair barracks No. 15, San Diego, recently destroyed by fire.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for roof repairing at Fort Milby, involving slate roofing and sheet metal work.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for painting two double sets of officers' quarters at Presidio.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for boundary wire fencing at Fort Milby.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to construct timber bulkhead at Bayshore and Crissy Field. Will be 510 ft. long.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to construct reinforced concrete retaining wall, 530 ft. long at Lyon street and Letterman General Hospital. The work will also include two ornamental iron gates.

BENICIA, Solano Co., Cal.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for macadam flooring in Artillery Warehouse No. 77, Benicia Arsenal.

SAN FRANCISCO.—Work has been started on alterations and additions to seven frame buildings for the Chief Quartermaster at Fort Mason. The project will involve in addition to construction considerable gas heating, electric work and plumbing. Estimated cost, \$20,000. Work is being carried on under supervision of Constructing Quartermaster, Fort Mason.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to repair oil macadam roads in Presidio.

PHOENIX, Ariz.—Until May 23, bids will be received by Superintendent, Phoenix Indian School, Phoenix, for hydrometers, manometer, needles, glass rod, drometers, manometer, needles, glass rod, gavlometer prisms, instruments, etc. Further information obtainable from above.

SAN DIEGO, Cal.—Bids are being received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5478, for salt water pumping station at the naval operating base (or station), San Diego, Calif., including concrete pump house on concrete piles and piping and electrical connections. Date for opening bids not set. Plans obtainable from above on deposit of \$100.00.

PHOENIX, Ariz.—Until May 25, bids will be received by Superintendent, Phoenix Indian School, Phoenix, to furnish and deliver students' science desks of 6-student size. Further information obtainable from above.

SAN FERNANDO, Cal.—D. E. Burgess, 602 South Center St., Stockton, at \$12,502, awarded contract by U. S. Veterans' Bureau, Washington, D. C., for painting plaster at Veterans' Hospital, San Fernando.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtainable from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 9052, eastern and western yards, acetone, ammonia, calcium phosphide, mercury, silver nitrate, sodium bicarbonate, sodium cyanide, copper, sulphate, borax, etc., May 29.

Sch. 9030, western yards, steel wire nails, May 29.

Sch. 9047, western yards, resistance wire, May 29.

Sch. 9048, western yards, glass: window, plate, ribbed and non-scatterable, May 29.

Sch. 9050, San Diego, 1 motor truck, May 29.

Sch. 9055, San Diego, 20 carbon plates, May 29.

Sch. 9057, western yards, steel boiler tubes, May 29.

Sch. 9058, Mare Island, searchlight parts, May 29.

Sch. 9059, western yards, wire, brass, copper, bronze and steel, May 29.

Sch. 9060, western yards, insulated cable and wire, May 29.

Sch. 9072, Mare Island, 40,000 redwood shingles, May 29.

SAN FRANCISCO.—War Department has authorized dredging of new channel in San Francisco harbor from estuary entrance to West Oakland waterfront, \$200,000 being available for project. Will be 400-ft. wide, 34-ft. deep. Work will be undertaken when power companies lower their transbay cables.

HALLS AND SOCIETY BUILDINGS

Working Drawings Being Prepared

LODGE BLDG. Cost, \$100,000

OROVILLE, Butte Co., Cal.

Three-story and basement class A store, lodge and club building (site 100x120 feet).

Owner—Oroville Lodge, Benevolent and Protective Order of Elks.

Architect—Starks & Flanders, Ochsner

The plans will be ready for bids in about six weeks.

SAN JOSE, Santa Clara Co., Cal.—Salvation Army is making drive to raise \$61,000 to finance erection of new headquarters building.

FRESNO, Fresno Co., Cal.—Fresno Lodge No. 158, Knights of Pythias, has had plans prepared for a \$65,000 lodge building to be erected at R and Merced Sts. Will be two-story brick construction with auditorium to seat 500. The plans will be submitted for approval at the Grand Lodge convention to be held in Visalia May 21. It is proposed to have construction underway in September. Structure will be financed by Pythian Holding Corp., composed of G. P. Cummings, president; Robt. Pilegard, secretary; A. M. Yost, treasurer; Al. McNair and L. O. Stephens, trustees.

Plans Being Completed
CLUB BLDG. Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Tenth Street.

One and two-story frame and stucco club building (auditorium seating capacity 670).

Owner—San Jose Women's Club.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Bids will be taken for a general contract in two weeks.

YREKA, Siskiyou Co., Cal.—American Legion Posts throughout Siskiyou County urge supervisors to levy direct tax to raise \$100,000 to finance erection of American Legion Memorial buildings. Structures would be erected at Yreka, Dunsuir, Mt. Shasta, etc.

SAN RAFAEL, Marin Co., Cal.—County supervisors contemplate erection of Veterans' Memorial Building on site in Fourth street, adjoining the county courthouse. It is proposed to raise approximately \$108,000 to finance construction via direct tax levy. The structure would provide quarters for the Red Cross and various civic organizations.

NEWMAN, Stanislaus Co., Cal.—Women's Improvement Club and American Legion plans early erection of club building. Some materials to be used in construction will be salvaged from the old Odd Fellows' Building now being razed.

MADERA, Madera Co., Cal.—Tilton & Stadille, Madera, at \$22,612 awarded contract by county supervisors to remodel old church building for quarters for American Legion Memorial Hall. Swartz & Ryland, architects, Rowell-Chandler Bldg., Fresno.

ALHAMBRA, Los Angeles Co., Cal.—C. E. Finkenbinder, Story Bldg., Los Angeles, has prepared plans for a two-story Class C lodge building, 45x90 feet, to be erected on Stoneman Ave., north of Main St., for Odd Fellows Temple Assn. Contract for the construction will be let shortly; auditorium on ground floor and lodge and club rooms above; brick construction.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

LOS ANGELES, Cal.—Jones & Evans, 380 Maywood Ave., Maywood, completing plans for part 2 and 3-story Class A lodge and auto sales building, to be erected at Manchester Ave. and Broadway, for J. J. Branstool and Olive P. McLale; the first floor of the building will be occupied by Chas. H. Harris, Ford agent, and the second floor by a lodge; steel frame, steel floor joists, brick walls, 80x100 ft. will be erected by day work and sub-contracts under supervision of designers.

SAN FRANCISCO—W. J. Burke, 200 Davis St., has been awarded the contract for Rooshores by Spivock & Spivock, Robert Bldg., in connection with the construction of a two-story frame and stucco boys' club building. It is to be erected on the southeast corner of Twenty-first and Alabama Sts. for the San Francisco Boys' Club from plans prepared by Architect Harry E. Thomsen, Sharon Bldg. Cost, \$45,000.

WILLOWS, Glenn Co., Cal.—Alfred J. Foster Post, American Legion, will supervise to provide funds to finance erection of a new memorial legion building on site already purchased opposite county courthouse; est. cost, \$75,000.

CRANNELL, Humboldt Co., Cal.—Crannell Volunteer Fire Department plans early construction of a clubhouse with auditorium and gymnasium quarters. E. A. Emenegger, chief of department.

PORTLAND, Ore.—Lorenz Bros., Title and Trust Bldg., Portland, at \$314,402 submitted low bid to Neighbors of Woodlark, to erect lodge building at SW 14th and Morrison Sts., from plans of Sutton and Whitney, architects, Lewis Bldg., Portland. Will be 1-story brick and steel. Above bid covers general contract and does not include plumbing, heating or electric work.

Preliminary Plans Being Prepared.
CLUB BLDG. Cost, \$200,000
SACRAMENTO, Cal. Seventeenth and L Streets.

Six-story Class A club building (large swimming pool, gymnasium, etc.)
Owner—Y. W. C. A.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
Financing arrangements for same are now under way.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect Harbin Hunter, 633 Rives-Strong Bldg., Los Angeles, taking bids for 2-story reinforced concrete clubhouse on Rugby St. bet. Zoe and Saturn Sts.; for the Huntington Park Women's Club; 58x87-ft.

PASADENA, Los Angeles Co., Cal.—Architect Everett Phipps Babcock, 855 Rosalind Rd., Pasadena, taking prel. figures for labor temple to be erected on East Walnut St. near Raymond Ave., for Pasadena Board of Labor. Three stories and basement with a mezzanine floor; brick construction, 60x125-ft., with face brick exterior; \$125,000.

HOSPITALS

OAKLAND, Cal.—Ollie Snedigar, county probation officer, and R. A. Leek, chairman of county probation committee, recommend to county supervisors the erection of a \$250,000 county adjustment school for delinquent boys under the age of 18 years. The plant would consist of a school, shops and dormitories and would be erected on a 60-acre site near Livermore.

RIVERSIDE, Riverside Co., Cal.—Architect S. L. Pillar, Riverside, preparing plans for nurses' home to be erected at county hospital; two-story brick; \$37,500. Prel. plans are also being prepared for two-story fireproof building for tubercular patients; cost, \$80,000.

Plans Being Prepared
STATE HOSPITAL Cost, \$150,000
ELDRIDGE, Sonoma Co., Cal.; Sonoma State Hospital.

Two-story reinforced concrete hospital building, with tile roof.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento.

It is indefinite whether building will go ahead at this time or not.

PATTON, Los Angeles Co., Cal.—The following bids were received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general construction of Single Story Group at Patton State Hospital; will be one-story with reinforced concrete walls, hollow tile partitions, cement floors and tile roof. George B. McDougall, State Architect, Forum Bldg., Sacramento, prepared the plans.

General Work			
Johnson Const., Co., Los Angeles	\$36,757	150 days	
H. Mayson, Long Beach	37,472	120 "	
J. & B. Const. Co., Los Angeles	38,000	120 "	
Campbell Const. Co., Ontario	38,200		
Thorleifson, Alhambra	38,478	145 "	
J. L. Morris Const. Co., Los Angeles	38,982	120 "	
Geo. Herz Co., San Bernardino	41,850	140 "	
Louis A. Geisler, Huntington Park	43,560	140 "	
John Storna, Pomona	44,600	125 "	
Electrical Work			
George L. Black, San Bernardino	\$1,399	90 days	
Moore Elec. Co., Los Angeles	1,490	same as general	

American Elec. Const. Co., Los Angeles	1,620		
R. R. Jones Elec. Co., So. Pasadena	1,625	90 days	
H. M. Rouse, Riverside	1,736	30 days	
W. H. Smith Long Beach	1,800	90 days	
J. C. Renzel, Los Angeles	1,119	25 days	

(Bid rejected, no bond)

Plumbing and Heating			
Johnson Reezes, Los Angeles	\$ 6,980	90 days	
W. H. Smith	7,560	90 days	
W. P. McArthur, L. A.	7,570	120 day	
E. P. Nittenger	7,621		
Younger & Fellows L. A.	7,951		
Frank Davidson, L. A.	7,970	120 days	
Hickman Bros., L. A.	8,109		
Thomas Haverty	8,245		
Gus Johnson, San Bernardino	8,490		

Bids taken under advisement.

SANTA ROSA, Sonoma Co., Cal.—The following bids were received by W. S. Coulter, county clerk, to erect three frame ward buildings at county hospital grounds. Two wards will have 12-bed capacity and one 8-bed capacity, each 28 by 50 ft.			
Robert Mitchell, Santa Rosa	\$10,465		
Halvorsen & Persenett, Santa Rosa	10,540		
L. F. Diebel, Santa Rosa	10,774		
Petaluma Building & Const. Co., Petaluma	10,881.39		
W. L. Proctor, Santa Rosa	11,219		
W. F. Bohn, Santa Rosa	11,732		

Contract to be awarded to low bidder today.

LOS ANGELES, Cal.—Until 2 P. M., July 2, bids will be received by county supervisors for general contract, electrical work, plumbing, heating, ventilating and refrigeration for the new general hospital building to be erected at the county hospital site. The general contract will include the concrete work for building, interior concrete partitions, exterior windows and doors cast stone work, ornamental iron, retaining walls, bridge and viaduct to connect with present buildings, etc. The plumbing, electric, heating,

ventilating and refrigerating contracts will include the work which is necessary to be done while the general contract is being executed. Bids will be taken later for finishing the interior of the building. The present work which is being advertised will amount to about \$4,500,000. Bids will be taken later on interior partitions, interior finish, plastering, marble and tile work, and for finish plumbing, heating, ventilating, etc., on portions of the building at a time. The building will be an eleven-story structure of steel frame construction with reinforced concrete floors, filled walls and roof. Plans prepared by Architects Edwin Bergstrom, Myron Hunt, Sumner Hunt, Pierpont Davis and William Richards.

Plans Being Completed—Bids To Be Advertised In One Week.
INFIRMARY BLDG. Cost, \$1,750,000
BERKELEY, Alameda Co., Cal. E College Avenue.
Five-story steel frame and concrete infirmary building.
Owner—University of California.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

LOS ANGELES, Cal.—County Architect Karl W. Muck, Hall of Records seeks building permit for 2-story, 60-room reinforced concrete detention home, 47x164 ft. at 721 Eastlake Ave. for County of Los Angeles; reinforced concrete construction; \$70,000.

OLIVE VIEW, Los Angeles Co., Cal.—Until 2 P. M., June 11, bids will be received by Los Angeles County Supervisors to erect two wards and occupational therapy building, 130x35 feet, with wing 61x31 feet, at Olive View Sanitarium, near San Fernando. Bids will be taken separately on (1) general work; (2) electric wiring and fixtures; (3) plumbing and service piping, steam heating and special equipment. Plans obtainable from county architect's office in the Hall of Records. Concrete and frame and stucco construction; \$60,000.

LOS ANGELES, Cal.—Until 2 P. M., June 11, bids will be received by county supervisors to erect two-story girls' dormitory, 163x35 ft., at Juvenile Hall. Bids will be taken separately as follows: (1) general work, (2) electric wiring, (3) electric fixtures, (4) plumbing and service piping, (5) steam heating and water heater. Plans obtainable from county architect, Hall of Records. Concrete and brick construction.

LOS ANGELES, Cal.—Until 2 P. M., June 11, bids will be received by county supervisors to fur. and install electric fixtures in new hospital under construction at Juvenile Hall. Plans on file at county architect's office, Hall of Records.

HOTELS

TUCSON, Ariz.—T. C. Triplett Bldg. Co. awarded contract to erect a 4-story brick hotel at Broadway and Herbert St. for C. H. Kroeger; \$150,000. W. B. Winchester, Tucson, is architect.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henilock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

DOL GLAS, Ariz.—Architect: Trust & Trust, El Paso. Complete plans for 5-story hotel. A reinforced concrete hotel to be erected at E. of Mackay, El Paso. A 12-story, two offices, five sample rooms and 12 hotel rooms, \$240,000.

Plans Being Prepared. Contract Awarded. **LODGING HOUSE.** Cost, \$25,000. **VISALIA, Tulare Co., Cal.** Two-story brick stores and lodging house owned by Frank Oakli, Visalia. Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno. Contractor—Tom Godsey, Visalia.

YUMA, Ariz. Capital del Sol Hotel & Investment Co. incorporates for \$600,000 to finance erection of four-story, 120-room hotel. Irwin L. Levy is president.

ICE AND COLD STORAGE PLANTS

SAN RAFAEL, Marin Co., Cal.—Pacific Gas and Electric Co., 245 Market St., San Francisco, has appropriated \$11,661 to reconstruct section of San Rafael-Petaluma electric transmission lines.

Plans Being Prepared. **ICE PLANT.** Cost, Approx. \$200. **SAN JOSE, Santa Clara Co., Cal.** Wilson Avenue.

Reinforced concrete ice plant (204x455 ft.) owner—Union Ice Co., 354 Pine St., San Francisco.

Architect—Engineering Dept. of Owner.

MADERA, Madera Co., Cal.—Z. L. Little, Madera, awarded contract by E. Giometti of the Fresno-Madera Ice Co., Fresno, to erect a fireproof ice manufacturing and ice cream plant at Yosemite and A Sts.

POWER PLANTS

EUGENE, Ore.—Until June 5, 7:30 P. M. bids will be rec. by C. A. McClain, Supt.-Sec'y, Eugene Water Board, to const. Leaburg Development Hydro-electric power plants No. 2 and 3. Bids will be rec. on the following propositions:

Contract F, consisting of diversion dam, intake and appurtenant works. Important items of this section will include the following approximate quantities: 20,000 cu. yds. of excavation; 13,500 cu. yds. of concrete; 375 tons of structural and reinforcement steel.

Contract Section G, consisting of canal, tailrace and appurtenant structures. The largest item of this section will consist of approximately: 860,000 cu. yds. of excavation.

Contract Section II, consisting of forebay, penstocks, siphons and power house No. 2. Important items of this section will include the following approximate quantities: 80,000 cu. yds. of excavation; 8000 cu. yds. of concrete; 310 tons of structural and reinforcement steel.

Proposals may be submitted on more than one contract section and conditioned on acceptance of the whole bid only.

Stevens & Knott engineers, Spaulding Bldg., Portland. Cert. check 5% req. with bid. Plans obtainable from Engineers on deposit of \$25 for any single section or \$50 for two or all sections.

ELLENSBURG, Wash.—City plans to increase capacity of municipal light plant involving an expenditure of approx. \$25,000. Two additional boilers, stacks, heaters and auxiliary equipment will be installed.

PHOENIX, Ariz.—\$1,000,000 bond issue of Salt River Valley Water Users' Assn. earned. This provides for const. of dam at Stewart Mountain site and distribution of valley properties.

SEATTLE, Wash.—Until May 25, 9:30 A. M. bids will be rec. by W. D. Freeman, city purchasing agent, to fur. and del. 52 1200 ampere 250-volt alternating current railway protectors. Further information obtainable from above.

LOS ANGELES, Cal.—Until 3 P. M. May 25, bids will be rec. by water and power commis. on for 33 street lighting transformers under Spec. P-512. James P. Ayman, secretary.

PORTLAND, Ore.—Until May 28, 2 P. M. bids will be rec. by Frank Coffinberry, city purchasing agent, to fur. 22 motor generating sets for Bureau of Fire. Cert. check 10% payable to city req. with bid. Spec. obtainable from above.

PORTLAND, Ore.—Until May 28, 2 P. M. bids will be rec. by Frank Coffinberry city purchasing agent, to fur. two induction motor generators for Bureau of Fire. Cert. check 10% payable to city req. with bid. Spec. obtainable from above.

MENDOCINO COUNTY, Cal.—Fredrick Rockwell, Carmel, seeks permit from State Department of Public Works, Division of Water Rights, to appropriate water for hydro-electric and domestic water project on the north fork of the Eel river near Mina, to supply either Eureka or Petaluma and intervening communities; estimated cost of hydro-electric development placed at \$1,500,000. Domestic development expenditure not estimated.

NEVADA COUNTY, Cal.—Claude Ferguson, Grass Valley, seeks authorization of State Department of Public Works, Division of Water Rights, to appropriate 3 cu. ft. or 699 ac. ft. of water from Poor Man's Creek in Nevada county to develop power for a mine near Graniteville; est. cost \$10,000.

PUBLIC BUILDINGS

LONG BEACH, Los Angeles Co., Cal.—Provision will be made in municipal budget for erection of addition to main library in Lincoln Park and for branch library in the Alamitos District. Cost \$75,000.

SAN FRANCISCO.—Until June 11, 11 A. M., under Proposal No. 382, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. furniture that may be required from time to time during the fiscal year 1928-29. Specifications obtainable from above.

LODI, San Joaquin Co., Cal.—As previously reported, bids will be received June 4, 5 P. M., by J. F. Blakely, clerk, to erect one-story brick addition, 50 by 64-ft., to city library. Est. cost, \$23,000. Davis-Pearce, Inc., architects, Grant and Weber Sts., Stockton. Cert. check 10% payable to city clerk req. with bid. Plans obtainable from architects on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

CHINO, San Bernardino Co., Cal.—City defeats proposal to issue bonds of \$45,000 to purchase site and erect city hall.

SAN FRANCISCO.—Board of Supervisors refuses to accept award of contract by Supplies Committee to General Electric Co. at \$1837.50 for seventy flood light projectors for lighting exterior of city hall. It was charged that bids were submitted by a local manufacturer which were lower than that of the G. E. Company.

PALO ALTO, Santa Clara Co., Cal.—Fire Underwriters of the Pacific recommended to city council erection of a new fire station in the vicinity of Boyce and Channing Aves. and Guinda St.

RESIDENCES

Plans Being Prepared. **RESIDENCE.** Cost, \$10,000. **FRESNO, Fresno Co., Cal.** Two-story and basement frame residence (8 rooms and 2 baths). Owner—J. G. Teeple, Fresno. Architect—Swartz & Ryland, Rowell-Chandler Bldg., Fresno.

COMPTON, Los Angeles Co., Cal.—Goldstein & Silverman, 2450 Folsom St., Los Angeles, have purchased 52 lots in Henderson Tract and will erect modern residences on each lot; 5 rooms; frame and stucco; \$2500 each.

Plans Being Prepared. **RESIDENCE.** Cost, \$15,000. **NORTH BERKELEY, Alameda Co., Cal.** Two-story frame and stucco residence. Owner—J. E. Elliott. Architect—Edwin L. Snyder, 2045 Shattuck Ave., Berkeley.

Contract Awarded. **RESIDENCE.** Cost, \$9,000. **BERKELEY, Alameda Co., Cal., Arlington Ave.** Two-story frame and stucco residence. Owner—Melville Radtke. Architect—Edwin L. Snyder, 2045 Shattuck Ave., Berkeley. Contractor—Beckett & Wight, 2457 Webster St., Oakland.

Contract Awarded. **RESIDENCES.** Cost, \$10,000. **SAN FRANCISCO.** N Chestnut St. W Baker St. Two-story and basement frame and stucco residences. Owner—J. M. Brocato, 2328 Fillmore St., San Francisco. Architect—None. Contractor—Robinson & Johnston, 371 31st Ave., San Francisco. Building permit applied for.

MERCED, Merced Co., Cal.—Master Home Builders, Merced, have purchased 18 lots in the Bradley Addition across G to 22nd and 23rd Sts., and plans early construction of modern homes, costing from \$4,500 to \$5,500 each. Construction will be carried on under the supervision of P. A. Wolff. The Master Home Builders are financed by Fresno capitalists.

Contract Awarded. **RESIDENCE.** Cost, \$10,000. **SAN FRANCISCO, Broderick St., near Francisco.** Two-story frame and stucco residence (7 rooms). Owner—A. Lamerdin, 920 Broadway. Architect—P. F. De Martini, 948 Broadway, San Francisco. Contractor—P. Sartorio, 2440 Greenwich Street.

Plans Being Figured. **RESIDENCE.** Cost, \$8,000. **LOS ALTOS, Santa Clara Co., Cal.** One-story frame and stucco residence with tile roof (5 rooms). Owner—T. T. Morline. Architect—P. F. De Martini, 948 Broadway, San Francisco.

Contractor Taking Sub-Figures. **RESIDENCE.** Cost, \$15,000. **BERKELEY, Alameda Co., Cal.** Two-story frame and stucco residence, terra cotta tile roof. Owner—H. Goelitz. Architect—Edwin L. Snyder, 2045 Shattuck Ave., Berkeley. Contractor—G. A. Pearson, 1906 Berryman St., Berkeley.

Being Done By Day's Work. **RESIDENCE.** Cost, \$12,000. **WOODSIDE, San Mateo Co., Cal.** Two-story frame and stucco residence (8 rooms and 2 baths). Owner—Withheld. Architect—A. H. Knoll, 222 Kearny St., San Francisco. Construction has been started.

Contract Awarded. **RESIDENCE.** Cost, \$40,000. **CARMEL, Monterey Co., Cal.** Two-story 12-room frame and stucco residence. Owner—L. C. Merrill. Architect—Elaine & Olsen, 1755 Broadway, Oakland. Contractor—C. H. Lawrence, 5321 Lawton St., Oakland.

Working Drawings Being Prepared. **RESIDENCE.** Cost, \$15,000. **ALAMEDA, Alameda Co., Cal.** Two-story frame and stucco residence, (Spanish type). Owner—Donald Perkins. Architect—Kent & Hass, 525 Market St., San Francisco. Plans will be ready for bids in two weeks.

Preliminary Sketches Being Prepared. **RESIDENCE.** Cost, \$10,000. **SANTA CRUZ, Santa Cruz Co., Cal.** One-story frame residence. Owner—Mr. Willgraft. Architect—Irvine & Ebbets, Call Bldg., San Francisco.

Bids Opened
RESIDENCE Cost, \$15,000
STOCKTON, San Joaquin Co., Cal.
 Two-story and basement 10-room frame and stucco residence.
 Owner—James Lerza.
 Architect—Peter Sala, 2130 N Commerce St., Stockton.
 Low Bidder—John Cavanagh, 219 N Sutter St., Stockton, \$15,213.
 Other bidders were: H. W. Johnson, Stockton, \$15,854; P. L. Hansen, Lodi, \$15,895; L. Niswander, Stockton, \$16,349.
 Bids taken under advisement.

SOUTH PASADENA, Los Angeles Co., Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, completing working plans for 2-story and basement 2-room English residence to be erected in Spruce St., South Pasadena, for Bruce F. Brown; frame and stucco; cost \$35,000.

LOS ANGELES, Cal. — Houghton & Anderson, builders, 143 Rose St., seek building permit for 15-room, 2-story frame and brick veneer residence, 37x25 feet, at 3659 Shannon Rd; for Dr. C. A. Blind; Webber & Spaulding, 627 S. Carondelet St., architects; \$35,000.

Contract Awarded.
RESIDENCES Cost, \$20,000 each
PORTLAND, Oregon.
 Two two-story frame and stucco residences (9 rooms and 2 baths each; Spanish type).
 Owner—R. Hofer, Portland.
 Architect—Masten & Hurd, Shreve Bldg., San Francisco.
 Contractor—W. H. Dwyer, Portland, Ore.
 Both buildings will have terra cotta tile roof.

BEVERLY HILLS, Los Angeles Co., Cal.—S. M. Benet Co., Administration Bldg., Bel-Air, has contract and is taking bids on sub-contracts for a residence in Los Angeles Country Club Tract, near Beverly Hills, for Paul H. Helms. Gordon B. Kaufmann, 608 Union Bank Bldg., Los Angeles, architect. Spanish style; 20 rooms and 5 bathrooms with tea-house, garage, etc; frame and stucco with clay tile roof.

Preparing Working Drawings
RESIDENCE Cost, \$100,000
OAKLAND, Alameda Co., Cal.; Crocker Highlands.
 Two-story and basement frame and brick veneer residence (20 rooms, 6 baths; all modern conveniences).
 Owner—Name Withheld.
 Architect — Miller & Warnecke, 1104 Franklin St., Oakland.

Plans Being Prepared
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and stucco residence (Italian type).
 Owner—Name Withheld.
 Architect — Miller & Warnecke, 1404 Franklin St., Oakland.

Plans Being Prepared
RESIDENCES Cost, \$25,000
OAKLAND, Alameda Co., Cal.; St. James Wood.
 Two 2-story and basement frame and stucco residences.
 Owner—Name Withheld.
 Architect — Miller & Warnecke, 1404 Franklin St., Oakland.

SACRAMENTO, Cal.—Sacramento City Commission will back proposal seeking erection of new mansion for Governor to replace the present building at SW Sixteenth and H streets, now surrounded by industrial structures. It is proposed to sell the present holdings, purchase a new site in the residential section and erect a new building.

Bids Opened—Under Advisement
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal., Claremont Court.
 Two-story and frame stucco residence (10 rooms).
 Owner—Mrs. W. R. L. Campbell, 2815 Claremont Court, Berkeley.
 Architect—Benj. McDougall, 353 Sacramento St., San Francisco.
 Low Bidder—Emil Person, 29 San Luis St. Berkeley, \$22,275.
 Other bidders were:
 E. T. Leiter & Son, Oakland.....\$22,467
 Lawton and Vezey, Oakland..... 23,240
 C. Dudley De Velbiss, Oakland..... 23,890
 Smith & Jackson, San Rafael..... 28,564
 Ben Pearson, Berkeley..... 29,744
 Chas. Stockholm & Sons, S. F..... 30,662

Contracts Awarded.
RESIDENCE Cost, \$18,000
SAN FRANCISCO. N Clay St., between Maple and Spruce Streets.
 Two-story and basement 8-room frame and stucco residence.
 Owner—H. G. Friend.
 Architect—C. A. Meusdorffer, 802 Humboldt Bank Bldg., San Francisco.
General Work—Isaac Penny, 690 Market St., San Francisco, at \$9990.
Plumbing and Electrical Work—Frank J. Klimm Co., 465 Ellis St., San Francisco, at \$1365.
 Other contracts are to be awarded shortly.

Sub-Bids Being Taken
RESIDENCE Cost, \$250,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story Class A reinforced concrete and steel residence.
 Owner—Robert B. Henderson, Pres. Pac. Portland Cement Co., 111 Sutter St., San Francisco.
 Architect—Gorden B. Kaufman, Union Bank Bldg., Los Angeles, Cal.
 Contractor—Dowsett & Ruhl, Russ Bldg., San Francisco.

Contract Awarded
ALTER & REMODEL Cost \$10,500
SAN FRANCISCO, NW Cherry & Washington.
 Alter and remodel third story of dwelling.
 Owner—Frederick Ganz, 68 Post St.
 Architect—S. L. Hyman and A. Appleton, 68 Post St.
 Contractor—Jacks & Irvine, 74 New

Grading Bids In—Contract To Be Awarded In A Few Days.
RESIDENCE Cost, \$46,000
SAN FRANCISCO. NW Jackson and Maple Streets.
 Two-story and basement frame and stucco residence.
 Owner—E. S. Newman, Claus Spreckles Bldg., San Francisco.
 Architect—George A. Applegarth, Claus Spreckles Bldg., San Francisco.
 Contractor—Taylor & Jackson, 290 Teahama St., San Francisco.
 Sub-bids will be taken within a short time.

Sub-Bids Being Taken
RESIDENCES Cost, \$14,000 each
SAN FRANCISCO, Marina Blvd., near Scott St.
 Two 2-story frame and stucco residences with tile roofs (all modern conveniences).
 Owners & Builders—Sbarboro & Jorgensen, premises.
 Architect—Powers & Ahnden, 605 Market Street.

Plans are to be prepared for three similar residences for same owners at a late date.

Sub-Bids Being Taken
RESIDENCE Cost, \$40,000
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence, 12 rooms.
 Owner—A. W. Clark, Ray Bldg., Oakland
 Architect—Claude B. Barton, 1804 Harrison St., Oakland.
 Contractor—Fred J. Westlund, 354 Hobart St., Oakland.

Plans To Be Prepared.
RESIDENCES Total Cost, \$100,000
PIEDMONT, Alameda Co., Cal.
 Two two-story frame and stucco residences (Spanish type).
 Owner—Withheld.
 Architect—Claude B. Barton, 522 Grand Ave., Oakland.

Date Of Opening Bids Postponed Until May 21st.
RESIDENCE Cost, \$20,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story and basement 10-room frame and stucco residence.
 Owner—T. Rogers.
 Architect — Farr & Ward, 68 Post St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
 Two-story frame, brick veneer and siding residence.
 Owner—Leland Prior, Middlefield Road, Menlo Park.
 Architect—Birge M. Clark, 310 University Ave., Palo Alto.
 Bids will be taken for a general contract in two weeks.

SCHOOLS

Contract To Be Awarded
ADDITION Cont. Price \$41,301
DUNSMUIR, Siskiyou Co., Cal.
 One-story frame and stucco addition to present school (5 classrooms).
 Owner — Dunsmuir Union High School District.
 Architect—Starks & Flanders, Ochsner Bldg., Sacramento.
 Contractor—J. P. Brennan, Redding.
 Contract price includes general and mechanical work. Other bids were:

General Work
 Fred T. Hart, Montague.....\$32,000
 Geo. W. Kopp, Sacramento..... 24,887

Heating
 Latourrette-Fical, Oakland, (heating, plumbing electrical work).....\$ 7,482
 Luppen and Hawley, Sacramento..... 4,100
 H. Cosseen, Mt. Shasta..... 3,990
 Mt. Shasta Hdw. Co., Mt. Shasta..... 3,704
 Thomas Kennedy, Martinez..... 3,816

Plumbing
 Luppen and Hawley.....\$2,120
 H. Cosseen..... 1,847.75
 Mt. Shasta Hardware Co..... 1,907.20

Electrical Work
 Luppen and Hawley.....\$1,264
 Mt. Shasta Electric Co..... 1,400

TRACY, San Joaquin Co., Cal.—The following bids were received by J. N. Lamb, clerk, West Side Union High School District, to erect 5-classroom brick and concrete addition to present high school. W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose, is the architect.

General Work
 Alt. No. 1, main bid; alt. No. 2, add for cafeteria.
 Carl Nelson, 1421 E. Channel St., Stockton, (1) \$23,540; (2) \$6172.
 Vickroy & Dodd, Stockton, (1) \$24,983; (2) \$5380.
 W. R. Meyers, Modesto (1) \$24,997; (2) \$4891.
 H. H. Henning, Stockton (1) \$26,099; (2) \$5891.
 F. Eyre, Tracy (1) \$26,124; (2) \$6800.
 Minton Co., Palo Alto (1) \$27,356; (2) \$6743.
 Carl N. Swensen, San Jose (1) \$27,425; (2) \$7000.
 Neil & Wirtner, Turlock (1) \$28,646; (2) \$5969.
 George Ulrich, Modesto (1)\$28,473; (2) \$6000.
 Tabor & Thompson, Modesto (1) \$31,637; (2) \$8235.

Heating
 All alternates are for different types of heating with the exception of No. 3, which is an allowance for old equipment.
 Jos. Black, 721 W. Elm St., Stockton (1) \$1954; (2) \$635; (3) \$186; (4) \$347; (5) \$881; (6) \$547; (7) \$426; (8) \$426; (9) \$161; (10) \$257.
 P. J. Enright, Stockton (1) \$2650; (2) \$634; (3) \$186; (4) \$238; (5) \$1022; (6) \$724; (7) \$430; (8) \$130; (9) \$230; (10) \$—
 Nottingham Heating Co., Oakland, (1) \$2488; (2) \$606; (3) \$186; (4) \$198; (5) \$198; (6) \$967; (7) \$577; (8) \$349; (9) \$77; (10) \$251.
 Tabor & Thompson (1) \$3880; (2) \$750; (3) \$186; (4) \$250; (5) \$1500; (6) \$758; (7) \$340; (8) \$—; (9) \$205; (10) \$—
 W. R. Meyers, Modesto (1)\$2488; (2)\$606; (3) \$186; (4) \$198; (5) \$198; (6) \$957; (7) \$957; (8) \$577; (9) \$205; (10) \$—
 Bids taken under advisement until May 19th.

KING CITY, Monterey Co., Cal.—Until May 26, 2 P. M., bids will be received by H. O. Williams, clerk, King City High School District, to paint high school and cafeteria; all outside walls to be given two coats; trim to receive two coats; roof one coat. Further information obtainable from clerk at high school.

POMONA, Los Angeles Co., Cal.—Architects T. C. Kistner & Co., 814 Architects Bldg., Los Angeles, preparing plans for Junior High School for which bonds of \$290,000 were voted May 8th; will contain classrooms, laboratories, auditorium, offices, toilets, library, probably cafeteria, gymnasium, etc., and will be of brick and reinforced concrete construction. Of \$290,000 available for this building, \$50,000 will be for purchase of site and for equipment. There is also \$10,000 available for alterations to present junior high school.

WALNUT CREEK, Contra Costa Co., Cal.—The following contracts were awarded by Morgan Jones, clerk of Walnut Creek school district, in connection with the construction of the one-story trade and stucco school containing 10 classrooms and auditorium, est. cost \$59,100. Clinton Schildberg-Stafford, architects, Plaza Bldg., Sacramento:

General Work
W. L. Chatterton, 1632 42nd St., Sacramento \$20,740

Electrical Work
Pioneer Elec. Co., Richmond \$1,718

Plastering
A. H. Winchole, Richmond \$4,520

Painting
J. J. Burdon & Son, 354 Hobart St., Oakland \$1,273

Plumbing, Heating and Sheet Metal Work
W. G. Mauzy & Son, Walnut Creek \$5,582

Following is a complete list of the bids:

Roofing
Mastercraft Tile & Roofing Co., \$1,737

General Work
Alt. No. 1, Main Bld.

Alt. No. 2, add. for sub floors in entire building.

Alt. No. 3, add. for linoleum in certain parts of building.

Alt. No. 4, add. for maple floors throughout.

W. L. Chatterton, 1632 42nd St., Sacramento, (1) 20,740; (2) 571; (3) 857; (4) 1479 (5) 300.

Jacobs and Pattiani, Oakland, (1) 20,990; (2) 715; (3) 990; (4) 1240; (5) 1100.

Frank G. Applebe, Berkeley, (1) 21,200; (2) 583; (3) 300; (4) 1557; (5) 572.

J. W. Cobby & Sons, S. F., (1) 21,540; (2) 836; (3) 820; (4) 1532; (5) 2800.

Jos. Chirhart, Stockton, (1) 22,593; (2) 320; (3) 1075; (4) 1652; (5) 775.

Miner Co., Richmond, (1) 22,969; (2) 740 (3) 1070; (4) 1143; (5) 1290.

Victor A. Kaufberg, (1) 24,227; (2) 743; (3) 977; (4) 1880; (5) 1150.

Electrical Work
Alt. No. 1, add. addition to present school.

Pioneer Elec. Co., \$1718 (1) \$ 20

H. C. Reid Co., S. F., 1800 30

H. M. Marshall 2036 50

Roberts Mfg. Co., Oakland 2437 25

Plastering
Alt. No. 1, add. additions to present school

A. H. Winchole, Richmond \$4520 (1) \$315

F. G. Applebe 4870 525

J. Ward 4897 424

Perry Bros., Stockton 5580 496

Peter Madsen, Pleasanton 5390 496

A. C. Saravia, Benicia 6023 95

P. H. Donnelly 8350 350

Painting
Alt. No. 1, add. additions to present school

J. J. Burdon, Oakland \$1273 (1) \$ 85

Raphael Co., S. F., 1487 150

A. C. Saravia, Benicia 1655 125

J. P. Eckers, Stockton 1790 155

Lamble and Lamble, Richmond 1845 400

Plumbing, Heating and Sheet Metal Work
Alt. No. 1, add. additions to present school

W. G. Mauzy & Son, Walnut Creek \$5582 (1) 98

Nottingham Heating Co., 6268 98

Plumbing and Heating
Alt. No. 1, add. additions to present school

Sacramento Plumbing and Heating Supply Co., Sacto. \$4812 \$ 95

Feary & Moll, S. F., 4830 117

Nottingham Heating Co., 5188 98

Plumbing, Heating, Electrical & Sheet Metal Work
Alt. No. 1, add. additions to present school

F. G. Applebe \$7411 275

Nottingham Heating Co., 8745

Plumbing
R. W. Timmons, Richmond \$1058

Sacto. Plumb. & Heat. Co., Sacto. 1600

W. E. Mauzy & Son 1890

Spierch Bros. 2247

Heating
Alt. No. 1, add. additions to present school

T. J. Kennedy, Martinez \$2895 (1) 59

J. G. Grierson, Richmond 2947 59

R. W. Timmons, Richmond 2967 221

Nottingham Heat Co., 2988 98

Sac. Plumb. & Supp. Co., 3260 95

Sheet Metal Work
Alt. No. 1, add. additions to present school

Dimphy & Davis, Sacto. \$ 855 (1) \$ 35

Martinez Sheet Metal Co., Martinez 1613 70

Nottingham Heating Co., 1680 70

F. Z. Ahl 1117 20

Spierch Bros., Richmond 1194 65

McLaughlin Sheet Metal Works, Sacramento 1867

Roofing
Alt. No. 1, add. additions to present school

Mastercraft Tile & Roofing Co., Sacramento \$1737 (1) \$210

A. E. Loren, Sacramento 1890 315

The following bids were received but not awarded for additions to present school:

W. L. Chatterton, (1) \$7329; (2) 70.

Victor A. Kaufberg, (1) \$7400; (2) 75.

Miner Co., (1) \$7595; (2) 80.

Frank G. Applebe, (1) \$7780; (2) 35.

Jos. Chirhart, (1) \$8250; (2) 74.

J. W. Cobby & Son, (1) \$9250; (2) 60.

OAKLAND, Alameda Co., Calif.—The following bids were received by John W. Edgemond, Secty., Board of Education, May 15 to erect East Oakland High School and gymnasium. Will be two-story brick construction; estimated cost \$500,000. Miller & Warnecke, architects, 1401 Franklin St., Oakland:

General Work
Alt. No. 1, ded. omitting landscaping.

Alt. No. 2, ded. omitting gymnasium.

Alt. No. 3, ded. omitting showers, etc.

(George Petersen, 1425 Santa Fe Ave., Oakland, \$502,000; (1) 1900; (2) 74,000; (3) 15,000.

John E. Branagh, Oakland, \$509,500; (1) 3,000; (2) 18,000; (3) 11,600.

Leibert & Trobeck, S. F., \$539,291; (1) 3,525; (2) 83,043; (3) 15,600.

Schuler & MacDonald, Oakland, \$543,300 (1) 2,000; (2) 72,500; (3) 13,500.

MacDonald and Kahn, S. F., \$552,000; (1) 1,441; (2) 89,176; (3) 15,370.

Barrett & Hilp, S. F., \$557,359; (1) 1,800; (2) 78,192; (3) 15,064.

E. Camponosi, S. F., \$644,429; (1) 4,379; (2) 82,733; (3) 7,356.

Finish Hardware
Maxwell Hardware Co., 1320 Washington St., Oakland \$7494.26

Associated Hdw. Co., Oakland 7677

Builders Hdw. Co., Oakland 8250

Slate Blackboards
Walter C. Berrien, 6340 Geary St., San Francisco \$1977

H. S. Crocker, S. F. 2058

C. F. Weber Co., S. F. 2633

R. W. King, Oakland 2700

Awning Type Windows
Universal Window Co., 1916 Broadway, Oakland \$3826

Mast-Pave Flooring
Master Craft Tile & Roofing Co., Richmond \$ 965

Venor Co., S. F. 1146

Bids taken under advisement for one week.

PHOENIX, Ariz.—Until May 25, bids will be received by Superintendent, Phoenix Indian School, Phoenix, to fur. and del. four students' science desks of 6-student size. Further information obtainable from above.

SOUTHGATE, Los Angeles Co., Cal.—Architect George M. Lindsey, Erwood P. Eiden, associate, 601 Union Insurance Bldg., Los Angeles, commissioned to prepare plans for a new high school group to be erected at Southgate for Huntington Park Union High School District. \$500,000. (6099) 15

STOCKTON, San Joaquin Co., Cal.—A. S. Love, 1420 N-Hunter St., Stockton, at \$8919 submitted low bid to Waverly School District to erect new school. Other bids, all taken under advisement were: John Hachman, \$8975; M. A. Orcutt, \$9618; Ecker Bros. & Moore, \$9764; J. E. Johnston, \$9917.

VANCOUVER, Wash.—H. A. Shute, Vancouver, at \$98,859 submitted low bid on general contract for Vancouver High School from plans of Higgins & Biederman, architects, Terminal Sales Bldg., Vancouver. Braley & Cusick, Vancouver at \$22,511 low on heating and ventilating and at \$115,10 low on plumbing or a combined bid of \$30,251 for both contracts. N. Page-McKenny at \$5718 low for electric work. Will be fireproof constructions.

Plans Being Completed
SCHOOL ADDITION Cost, \$8500

PERKINS, Sacramento Co., Cal.; two-room addition to present brick veneer school building with tile roof.

Owner—Washington School District.

Architect—Eugene Seadler, Mitau Bldg., Sacramento.

Plans will be ready for bids in two weeks.

CHICO, Butte Co., Cal.—Bids will be asked shortly by Board of Education to erect addition to Paradise school for which bonds of \$40,000 were recently voted.

Plans Awaiting Approval.
GYMNASIUM Cost, \$50,000

MODESTO, Stanislaus Co., Cal. Junior College.

One-story brick gymnasium building.

Owner—Modesto City School District.

Architect—Davis-Pearce Co., 47 N Gran St., Stockton.

SAN FRANCISCO—Until June 11, 1 A. M., under Proposal No. 383, bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. and del. gymnasium equipment for school department. Complete lists of equipment desired obtainable from above on request.

Plans Being Completed—Bids To Be Advertised In One Week.

BUILDING Cost, \$2,000,000

BERKELEY, Alameda Co., Cal. University Campus.

Five-story reinforced concrete building (Life Sciences).

Owner—University of California.

Architect—George W. Kelham, 315 Montgomery St., San Francisco.

CLOVERDALE, Ore.—Architect F. Marion Stokes, Chamber of Commerce Bldg., preparing plans for reinforced concrete, tile or frame high school to be erected at Cloverdale for School District No. 3, Tillamook County. Bonds of \$60,000 will be voted to finance.

TAFT, Kern Co., Cal.—Until May 25, 2:30 P. M., bids will be received by H. R. Kanode, clerk, Conley School District, to furnish and deliver supplies for Building Department, including hardware, paints, varnishes, lumber and other general supplies. Bids, same date, to fur. and del. supplies required by Manual Training Department, including lumber, varnishes, stains, hardware, etc. Further information obtainable from clerk at Lincoln School, Taft. Cert. check 10% req. with bid.

BAKERSFIELD, Kern Co., Cal.—Until June 1, 4 P. M., bids will be received by Robert F. Myers, clerk, Buena Vista School District, to erect auditorium and kitchen masonry addition to present school. Bonds of \$12,000 voted to finance. Symmes Cullimore, architects, 215 Haberfelde Bldg., Bakersfield. Cert. check or bidder's bond of 10% payable to clerk req. with bid. Plans obtainable from architects on deposit of \$10, returnable.

STOCKTON, San Joaquin Co., Cal.—Until May 29, 5 P. M., bids will be received by Ansel S. Williams, Secty., Board of Education, to construct curbs, gutters, walks and pavement adjoining Lottie Grunsky School on the south. Cert. check 10% req. with bid. Specifications obtainable from secretary.

Preparing Working Drawings.
SCHOOL BLDG. Cost, \$60,000

CLARKSBURG, Yolo Co., Cal.

One-story frame and stucco high school (6 classrooms) and one-story frame and stucco gymnasium.

Owner—Clarksburg Union High School District.

Architect—Dean & Dean, California State Life Bldg., Sacramento.

Plans will be ready for bids in about ten days.

POMONA, Los Angeles Co., Cal.—Architects T. C. Kistner & Co., 814 Architects Bldg., Los Angeles, will present prel. plans for new grammar school to the Board of Education for approval in the near future. Bonds of \$125,000 voted at an election on May 8th; will contain classrooms, auditorium to seat 500, cafeteria, kindergarten department and administration suite and will be of brick and concrete construction.

Working Drawings Being Prepared.
SCHOOL Cost, \$53,000

SAN ANSELMO, Marin Co., Cal.

One-story reinforced concrete school building (8 classrooms).

Owner—San Anselmo School District.

Architect—S. Heiman, 57 Post St., San Francisco.

The plans will be ready for bids in about three weeks.

MODESTO, Stanislaus Co., Cal.—Modesto Board of Education plans erection of new gymnasium at Modesto Junior College; estimated cost \$20,000. Student body has offered to contribute \$7500 of the total cost.

LOS ANGELES, Cal.—Until 9 A. M., May 23, bids will be received by Board of Education for alterations to heating and ventilating system at Cienega school, southwest corner of Adams St. and Marine Ave. Plans obtainable at 701 Chamber of Commerce Bldg. Wm. A. Swenson, secretary.

Plans Being Prepared

ADDITION Cost, \$58,000
OAKLAND, Alameda Co., Cal. Fifty-fourth and Market Sts. (Santa Fe Elementary School).

Six-room addition to present school bldg. Owner—City of Oakland Board of Education.

Architect—H. C. Hanifin, 1404 Franklin St., Oakland.

MARTINEZ, Contra Costa Co., Cal.—Trustees of Alhambra Union High School District approve plans of Howard Gunn, 337 17th St., Oakland, to improve athletic grounds and parking area at high school grounds; estimated cost, \$10,000. Baseball diamond, football field, running track, horseshoe section and landscape work is included.

PORTLAND, Ore.—Bids will be asked within 30 days by Board of Education to erect new school in Linnton district; estimated cost \$150,000. Plans are being completed by George H. Jones, city school architect.

HILLSBORO, Ore.—P. J. Van Bruggan, 16 East 68th St. N., Portland, at \$104,983 submitted low bid to Hillsboro Union High School District to erect new school from plans of F. Marion Stokes, Chamber of Commerce Bldg., Portland. Has-torf-Lord, Inc., 371 Hawthorne St., Portland, at \$28,943 low on heating; Sturges and Sturges, 491 Washington St., Portland, at \$9,317 low on plumbing, and Morrison Electric Co., 454 Washington St., Portland, at \$4,553 low on electric work. All bids taken under advisement.

RED BLUFF, Tehama Co., Cal.—Architects Davis-Pearce Co., 47 N. Grant St., Stockton, are preparing preliminary plans and estimates of cost for mechanics department building for Red Bluff Union High School District. Further mention will be made of this work when the preliminary drawings are approved.

TAFT, Kern Co., Cal.—Until May 22, 7 P. M., bids will be received by H. E. Osborn, clerk, Taft Union High School District, to fur. and del. dark shades and moving picture projectors in auditorium of high school. W. H. Weeks, architect, Hunter-Dulin Bldg., San Francisco. Cert. check 5% payable to clerk req. with bid. Specifications on file in office of architect and clerk.

RICHMOND, Contra Costa Co., Cal.—Until May 25, 10 A. M., bids will be received by W. T. Helms, secretary, Board of Education, to furnish machinery, film-cases, supplies, Venetian blinds and window shades for high school at 23rd and Tulare streets. Specifications obtainable from secty. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Until June 11, 7:30 P. M., bids will be received by D. E. Urner, clerk, Kern County Union High School District, to erect Section 1 of auditorium and classroom building and additions to shops building at high school grounds. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk req. with bid. Plans obtainable from architect on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

TAFT, Kern Co., Cal.—Until May 22, 7:30 P. M., bids will be received by H. E. Osborn, clerk, Taft Union High School District, to fur. and del. (a) general instructional supplies; (b) janitor supplies; (c) industrial arts supplies, including lumber for manual training; (d) athletic equipment; (e) transportation supplies. Complete lists obtainable from secty. Cert. check 5% payable to clerk req. with bid.

Plans Being Prepared.

GYMNASIUM Cost, \$54,000
ALTURAS, Modoc Co., Cal.
One-story masonry gymnasium and steam heating plant.
Owner—Modoc Union High School Dist.
Architect—Ralph D. Taylor, Lassen Bk. Bldg., Susanville.

SAN FRANCISCO.—Meyer Bros., 727 Fortoa Drive, at \$63,564 submitted low bid to Board of Public Works for alterations and additions to Jefferson school in east side of 19th Ave. bet. Irving and Judah Sts. Thos. Skelly, 1344 9th Ave., at \$4,360 low for plumbing; H. Ankers, 72 Lexington Ave., at \$2,875 low for painting; Scott Co., 243 Alina St., at \$8,335 low on mechanical equipment; Newbery-Pearce Electric Co., 439 Stevenson St., at \$5,300 low for electric work. Complete list of bids follows:

General Construction	
Meyer Bros.	\$62,564
Macdonald and Kahn	67,730
O. Monson	71,867
Peterson Sorenson	71,983
J. F. Minehan	72,100
Anderson & Ringrose	72,100
J. W. Cobby Co.	72,100
F. L. Hansen	78,440
Amoroso & Philipps	78,485
F. J. Reilly	79,573

Plumbing	
Thos. Skelly	\$ 4,360
Mechanical Contracting Co.	4,540
A. Aaron	4,848
A. Lettich	5,600
Scott Co.	6,358

Painting	
H. Ankers	\$ 2,875
C. B. Sovig	2,900
F. E. Burgess	3,480
D. Zelinsky & Sons	3,635
Raphael Co.	3,775

Mechanical Equipment	
Scott Co.	\$ 8,335
P. J. Enright	8,500
Thos. Skelly	8,539
Mechanical Contracting Co.	8,880
A. Lettich	8,900

Electric Work	
Newbery-Pearce Electric Co.	\$ 5,300
Ed. Dowd	5,425
Alta Electric Co.	5,523
R. Flatland	5,650
C. C. Severin	5,700

BANKS, STORES & OFFICES

Plans Being Figured
AUTO BLDG. Cost, \$15,000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete auto sales and display building.
Owner—Louis Normandin, 105 Hanchett St., San Jose.
Architect—De Lange & Collins, Pajaro Valley Bank Bldg., Watsonville.
Lessee—Gunter & Gunter (Hudson-Essex Agency).

May 12, 1928

Contract Awarded
ALTERATIONS Cost, \$25,000
OAKLAND, Alameda Co., Cal. Forty-sixth and Telegraph Aves.
Alter present building for banking quarters.
Owner—Italian American Securities Corp.
Architect—Leonard H. Ford, 1435 Harrison St., Oakland.
Contractor—Fred W. Peters, 1424 Cavanaugh Road, Oakland.

TURLock, Stanislaus Co., Cal.—Architect G. N. Hilburn, Turluck, has completed plans and construction will be started shortly on 75 by 100-ft. store building in Eleventh St., near J St., for T. H. Kewin and Bomberger Bros., of Modesto; est. cost \$60,000. Will be 1½-story, containing five stores.

Sub-Bids Being Taken—Materials Being Purchased
BANK BLDG. Cost, \$20,000
SAN FRANCISCO, Sacramento and Fillmore Sts.
One-story frame and stucco bank bldg.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts.
Manager of Construction—James Harkness, premises.

SAN FRANCISCO—See "Apartments." this issue.

LOS ANGELES, Cal.—H. M. Baruch Corp., 1015 Lincoln Bldg., awarded the general contract at \$115,000 for shop and market building in 6th St., extending from Kenmore Ave. to Alexandria Ave., for Chapman Bros.; Morgan, Walls & Clements, 1134 Van Nuys Bldg., architects; will be built around a central patio and will have a frontage of 310 ft. on Sixth St., 166 ft. on Alexandria Ave. and 210 ft. on Kenmore Ave. At

each corner on Sixth St. there will be a 2-story tower section, 82x65 ft. There will also be a 1-story warehouse, 44x135 ft. The remainder will be subdivided for markets and shops; reinforced concrete walls.

SAN BERNARDINO, Cal.—See "Theatres," this issue. \$300,000 store, office and theatre building being figured.

Sub-Contracts Awarded.
STORE BLDG. Cost, \$90,000
RICHMOND, Contra Costa Co., Cal.
Santa Fe Terminal.
One-story reinforced concrete store building.
Owner—Santa Fe Railroad.
Architect—Eng. Dept. of Owner in Los Angeles.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 441 Market St., San Francisco.
Pile Driving—Duncanson Harrelson Co., DeYoung Bldg., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Metal Windows—Truscon Steel Co., Sharon Bldg., San Francisco.
Steel Sash—Michel & Pfeffer Iron Wks., Tenth and Harrison Sts., S. F.
Tile Work—Malott & Peterson, 3221 20th St., San Francisco.
Lumber—Tilden Lumber Co., 400 High St., Oakland.
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.
Sheet Metal Work—Fire Protection Products Co., 3117 20th St., S. F.

Working Drawings Being Prepared.
FITTING UP OFFICE Cost, \$—
SAN FRANCISCO. Ground floor of Russ Building.
Fitting up brokers' offices.
Owner—Lillenthal, Bremer & Co., 310 Montgomery St., San Francisco.
Architect—Kent & Hass, 525 Market St., San Francisco.
Bids will be taken next week.

Specifications Being Written
BUILDING Cost, \$200,000
OAKLAND, Alameda Co., Cal. NW 29th and Summit Sts. (77x102); 5-story class B reinforced concrete medical building, (40 offices).
Owner—Group of San Francisco businessmen (names withheld).
Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.
Bids will be taken in about two weeks.

Plans Being Figured—Bids Close May 29.
BANK Cost, \$20,000
SAN FRANCISCO. Thirty-eighth Ave. and Balboa St.
One-story frame and stucco bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
Bids are being taken for a general contract.

BEVERLY HILLS, Los Angeles Co., Cal.—Architects Walker & Eisen, Western Pacific Bldg., preparing plans for a 6-story and basement Class A bank and offices to be erected for the California Bank. Sketches were originally prepared for a two-story building but the bank has decided to erect a larger structure; irregular in shape with a frontage of 300 ft. and an average depth of 100 ft.; will contain banking room and eight stores in the first story with offices in the upper stories; reinforced concrete with moulded concrete and terra cotta exterior; \$500,000.

SAN FRANCISCO—See "Garages," this issue.

Contract Awarded.
AUTO BLDG. Contract Price \$9671
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete auto sales and display building.
Owner—Louis Normandin, 105 Hanchett St., San Jose.
Architect—De Lange & Collins, Pajaro Valley Bank Bldg., Watsonville.
Lessee—Gunter & Gunter (Hudson-Essex Agency).
Contractor—W. F. Sechrest, Watsonville.
Other bids: S. M. Machado, \$10,429; H. Graham, \$10,673; A. L. Short, \$10,812; C. Swenson, \$11,973.

Plans Being Figured—Bids Close May 19
CHAPBL, ETC. Est. Cost, \$60,000.
OAKLAND, Alameda Co., Cal. Eighteenth and Grove Streets.

Two-story hollow tile Class C chapel and undertaking parlor.

Owner—V. C. Pagorifio & Lewis, 952 8th St., Oakland.

Architect—Harris Allen, 1924 Broadway, Oakland.

Previously reported as being awarded to Geo. Leiter, 2700 West St., Oakland, which was in error. Nine contractors are figuring the job.

Sub-Contracts Awarded

ADDITION Cost, \$225,000
SAN FRANCISCO, Golden Gate Park;
 addition to Kezar Stadium.

Owner—City and County of San Francisco.

Architect—Masten & Hurd, Shreve Bldg.
 Contractor—J. A. Bryant, 185 Stevenson Street.

Will be of steel or reinforced concrete construction with all steel uprights. Present walls will be increased in height from 25 to 35 ft. New dressing rooms and pavilion for newspaper men and camera men will be provided.

Lumber—Chas. Nelson Lumber Co., 230 California St.

Plumbing and Sewering—Herman Lawson
 465 Tehama St.

SAN FRANCISCO—Until May 24, 2:30
 P. M., bids will be received by Veda B. Young, Secty., Playground Commission, 376 City Hall, for fencing at Jas. Rolph Jr. Playground at 26th St. and Potrero Ave. Specifications obtainable from above office.

OAKLAND, Alameda Co., Cal.—The
 following contracts were awarded by John W. Edgemond, Secty., Board of Education, to furnish and deliver library tables, oak chairs, Vienna chairs and school desks:

Desks

C. F. Weber Co., 601 Mission St., San Francisco, \$8130.

Vienna Chairs

Heywood Wakefield Co., 77 Battery St., San Francisco, \$1300 (for 1300 chairs).

Arm Chairs

Lisel and Lisel, \$990.

Class Chairs and Library Tables

Peck & Hills Furniture Co., 532 Mission St., San Francisco, \$3250 (chairs); \$3600 (tables).

MILL VALLEY, Marin Co., Cal.—
 Northwestern Pacific R. R. is having plans prepared for a modern freight and passenger depot to be erected at Mill Valley. Further mention of this work will be made when the plans are further advanced.

RENO, Nevada—City Engineer Harry
 Chism preparing plans for two new tennis courts at Evans Park, three on city property at Stewart and Wheeler streets and one in Whitaker Park.

SAUSALITO, Marin Co., Cal.—North-
 western Pacific R. R. will expend approx. \$100,000 in terminal improvements at Sausalito involving additional tracks, wharves and train sheds, etc.

19

SAN LUIS OBISPO, Cal.—War De-
 partment has authorized the construction of four additional lavatories and two artillery warehouses east National Guard Camp on Morro road in San Luis Obispo. A permanent gunnery range will also be constructed. R. E. Middlestaedt is Adjutant General in charge of the camp.

BAKERSFIELD, Kern Co., Cal.—Until
 June 4, 11 A. M., bids will be received by F. E. Smith, county clerk, to erect Headquarters Building at Kern County Airport. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk req. with bid. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Dean
 Chas. Derleth Jr., head of the Engineering Department of the University of California and Geo. W. Kelham, University architect, have worked out preliminary plans for proposed enlargement of the University football stadium to increase the capacity to 100,000 seats. Construction, however, will probably not be undertaken for two years.

SAN MATEO, San Mateo Co., Cal.—
 Until May 21, 8 P. M., bids will be received by E. W. Foster, city clerk, to construct two 20,000-gal. water tanks and replace decking on present tower in city park. Bids to include removal of old tanks and decking to become property of the city. Cert. check 10% req. with bid. Forms for bidding obtainable from clerk. See call for bids under official proposal section in this issue.

YREKA, Siskiyou Co., Cal.—Until June
 4, 10 A. M., bids will be received by W. J. Neilson, county clerk, to erect grand stand, dance hall and exhibition rooms at county fair grounds near Yreka for Tenth District Agricultural Association of California. Cert. check 10% payable to clerk req. with bid. Plans obtainable from J. P. Churchill, secretary of the Fair Assn. at Yreka on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Moore Drydock
 Co., Balfour Bldg., San Francisco, at \$133,700 awarded contract by State Harbor Commission to construct steel dredge. General Engineering & Drydock Co., 1100 Sansome St., San Francisco, at \$39,136 awarded contract to construct two wooden mud scows.

Contract Awarded.

STATION Cost, \$—
PALO ALTO, Santa Clara Co., Cal.
 Steel frame tire and service station.
 Owner—P. M. Lansdale, 505 Emerson St., Palo Alto.

Architect—Birge M. Clark, 310 University Ave., Palo Alto.
 Contractor—Wells P. Goodenough, Ramona and Hamilton Sts., Palo Alto.

PALO ALTO, Santa Clara Co., Cal.—
 City plans to install filter plant at municipal swimming pool; est. cost \$3,500. J. F. Bxybee, Jr., is city engineer.

Contract Awarded

CHAPEL Cost, \$12,000
BERKELEY, Alameda Co., Cal.
 One-story frame and stucco chapel.
 (English type).

Owner—Hull Undertaking Co., 3051 Adeline St., Berkeley.

Architect—Slocome & Tuttle, 337 17th St., Oakland.

Contractor—J. B. Bishop, 587 Athol Ave., Oakland.

BERKELEY, Alameda Co., Cal.—Re-
 gents of the University of California have ordered clearing of structures from two blocks adjacent to the S. W. corner of the campus to provide additional lands for baseball diamond, secret football practice field and supplementary drill grounds.

SANTA BARBARA, Cal.—A. J. Roberts
 3045 Calle Noguerra, Santa Barbara, awarded contract to construct swimming pool, bath house and tennis courts on Santa Barbara Biltmore Hotel grounds. Cost, \$60,000. Reginald D. Johnson, architect, 707 Architects Bldg., Los Angeles.

MISCELLANEOUS SUPPLIES

Concrete "Form-Hold." Culver City, Calif. Mr. G. L. Cunningham, Gen. Mgr., Concrete "Form-Hold" Corporation, Culver City, Calif., manufacturers of a device for use in concrete construction, wish to appoint a firm here to act as their exclusive distributors or jobbers, on a commission basis.

Automatic Oil Burners. Los Angeles, Calif. Mr. G. H. Phelps, Oil Burner Div., The Boyle-Dayton Co., 52nd and Santa Fe Ave., Los Angeles, Calif., distributors of a line of oil burners for use in heating homes, apartments, stores, theatres, churches, schools, hospitals, office buildings and factories, are now perfecting their dealer organizations throughout the state and they have an opening for a dealer in San Francisco.

Combination Die Sawing and Filing Machine. New York, N. Y. Mr. L. C. Marburg, Marburg Bros., Inc., 90 West St., New York, N. Y., is seeking a representative on the Pacific Coast to handle their combination die sawing and filing machine. Their machines are now in operation in many of the well-known manufacturing plants throughout the country.

Pacific Northwest Representation. San

Francisco, Calif. Mr. Frank Deffry, care Overland Freight Transfer Co., 211 Front St., San Francisco, Calif., (Phone Davenport 4100), is leaving San Francisco June 10 for Pacific Northwest, Spokane, Portland, Seattle, Tacoma. All business transacted—personal or commercial. References.

New Orleans Representation. New Orleans, La. Mr. D. S. Pomeky, 2302 Vainmont St., New Orleans, La., desires to connect with San Francisco concerns which require the services of a representative in New Orleans. Would be interested in almost any line. Has excellent connections and is well acquainted in New Orleans.

Pacific Northwest Sales Representative. Mr. R. C. Steepie, Braun-Steeple Co., 1058 Howard St., San Francisco, Calif., sales representative, residing in Seattle and soliciting in Portland, Spokane, Tacoma and other northwestern cities, desires additional line, or lines, applicable to the lighting fixture or ornamental iron trades. Commission basis preferred.

Representation in New York and Europe. Berkeley, Calif. Mr. Fay W. Kiser, 2917 Pine Ave., Berkeley, Calif., (Phone, Berkeley 1906-J), businessman, going abroad this month at his own expense, desires to get in touch with firm or individuals wishing representation in New York or in Europe, or with parties having business calls to make there. He is a university graduate with business and selling experience and can furnish best of local references.

Provisions and Machinery. Leipzig, Germany. Messrs. Goellen and Fritzsche, Dietriching 15, Leipzig C I, Germany, desire representation on a commission basis of American provisions and a special line of machinery. They claim a good selling organization with technical sales ability, and they furnish references.

Machinery and Semi-Finished Metal Products. Rastatt, Bavaria, Germany. Metallhutte Baer & Co., Kommanditgesellschaft, Rastatt in Bavaria, Germany, would like to represent American manufacturers of special machinery or semi-finished metal products, such as bronzes or alloys.

European Representation. Paris, France. Mr. Jean Verrier, 93, rue la Boetie, Paris, France, commission merchant, wishes contact with American manufacturers seeking outlet for products in Europe. He already represents three U. S. concerns and he traveled for several years in this country representing French houses. References.

French Public Works. Paris, France. Mr. Paul Gillon, 25, Due de Liege, Paris, VIII, France, wishes to represent American concerns interested in various public works contemplated by the French Republic. He states that he is well known to engineers of the French Republic, as well as to engineers in various municipalities, departments, etc. References.

Liquid Wallpaper. London, England. The Hycolite Liquid Wallpaper Mfg. Co., Ltd., 36-38 Victoria St., London, S. W. 1, England, manufacturers of a wall and ceiling paint, called liquid wallpaper, are anxious to make arrangements with an American firm who would be interested in manufacturing their product in San Francisco.

Central American Representation. Houston, Texas. Mr. Leo F. Nadeau, Box 4034 Franklin Branch, Houston, Tex., having lived in the Central American countries for a number of years, speaks the language, understands the people, their customs and business methods, desires to represent San Francisco manufacturers and wholesalers who are interested in having a representative in those countries.

GRADUATES GET JOBS

John B. Kiely, C. H. Le Borgne and Nicholas K. Delaney, students of the engineering classes of the University of Santa Clara, who graduated last Sunday, have already obtained positions. John B. Kiely, who graduates in civil engineering, will be employed in the foothill division of the Hetch Hetchy development. C. H. Le Borgne has been engaged by the Southern California Edison Company, where he will take a special course with the company leading to an engineering position on construction work. Nicholas K. Delaney has been employed by San Joaquin Light and Power company for engineering work.

ARCHITECTURAL COMPETITION FOR COLUMBUS LIGHTHOUSE OPENS SEPT. 1

September 1st has been fixed as the date for the opening of the architectural competition for the Columbus Memorial Lighthouse to be erected in the Dominican Republic. Through the cooperation of the governments and peoples of all the nations of the world, will begin, according to an announcement by the Permanent Committee of the Governing Board of the Pan American Union entrusted with this matter.

The architectural competition for the lighthouse will be divided into two stages, the first of which will be opened to all architects without distinction of nationality. The second stage will be limited to the ten architects whose designs are placed first as a result of the first competition. The first stage of the competition will continue until April 1, 1929, when all drawings must be in Madrid, Spain. An International Jury of three, to be selected by the competing architects, will meet in Madrid on April 15, 1929, for the first award. The authors of the ten designs placed first in the preliminary competition will each receive two thousand dollars and these winners will then compete for the final award. There will also be ten honorable mentions of five hundred dollars each.

Second Competition

In the second competition ten thousand dollars will be paid to the author whose design is placed first, who will be declared the Architect of the Lighthouse; \$7,500 to the author of the design placed second; \$5,000 to the design placed third; \$2,500 to the design placed fourth, and \$1,000 to each of the other six competitors.

In announcing the dates of the first competition, the Chairman of the Permanent Committee of the Governing Board of the Pan American Union, Hon. Orestes Ferrara, Ambassador of Cuba at Washington and representative of Cuba on the Governing Board, said:

"The Permanent Committee has fixed these dates for the first stage of the competition in order that architects

throughout the world may have ample opportunity to inform themselves of the conditions governing the competition, to prepare their drawings, and to have them in Madrid in time for the first award. As the Memorial to the Discoverer will be erected through the cooperation of the governments and peoples of all the nations of the world, the Permanent Committee is most anxious that architects of all countries participate in the competition. It is for this reason that the opening date of the competition has been set for September first. New applications to compete are constantly being received, and as other architects may wish to enter, it is desired to give them ample opportunity to file their applications before the competition is inaugurated.

Committee Preparing Report

"The Committee of the Governing Board of the Pan American Union now has in preparation a report containing complete details of the conditions that will govern the competition. The report will be issued in Spanish, French and English. In order that the competing architects may have this book at approximately the same time, no distribution of the book will be made until just before the competition is scheduled to begin on September first. It is also proposed that the books intended for those competitors residing in more distant countries shall be mailed some time prior to those intended for competitors nearer Washington. Given the world wide nature of the competition, it is the desire of the Permanent Committee to establish conditions that will insure equal opportunity to every architect, irrespective of where he may reside."

It has also been decided by the Permanent Committee that the Memorial will include, besides the lighthouse feature, a memorial chapel and a museum. It is believed that it will be possible to secure for such a museum a large number of objects including manuscripts connected with the great navigator's life and voyages.

000,000 in 1927, this was no doubt due to a recession in hotel and apartment-building construction.

Steel Production

Steel ingot production set a new February record and gained 5 per cent in average daily output over January. In addition, the Steel Corporation's unfilled orders, which have been registering gains each month since last September, showed a further increase at the end of February, of 4,400,000 tons—44 per cent higher than a year ago. When it is remembered that the rate of steel production was higher last March than at any time in history, the possibility that a new record was set during the past month is not so remote as some would have us think.

The Calumet district has been the chief beneficiary of increased steel output, as shown by the greater activity of plants and the greater tonnage moved by the railroads in this section. The savings effected in transportation costs through the shiftings of operations away from the Pittsburgh sector benefit many lines of business, but of course are not fully reflected in railroad revenues.

This shifting of production facilities to bring them nearer market outlets is constantly going on in many lines other than steel, and is a bigger factor than many people realize in the railroads' problem of getting satisfactory volume of tonnage.

WORKMEN'S COMPENSATION

A tendency to liberalize workmen's compensation laws by the allowance of larger payments for death or disability is disclosed in a digest of state laws and the federal law issued by the Insurance Department of the Chamber of Commerce of the United States.

"The percentage of wages paid as compensation," the Department says, "is 60 per cent in six states and one territory, 65 per cent in eight states and one territory, 66-2-3 per cent in fourteen states besides the two federal acts, so that twenty-eight states as against twenty in 1920 pay 60 per cent or more. In 1920 twelve states fixed the maximum weekly payments at \$12.00 or less. Now no state has a maximum less than \$12.00 for temporary total disability and only three have as low a maximum as that, while twenty states, one territory and two federal acts pay \$18.00 or more, as against seven states and one territory at the earlier date. The waiting time is now less than one week in seven jurisdictions; one week in twenty-eight states, one territory and one federal act; and more than one week in eight states and one territory. At the earlier date only four laws fixed a waiting time of less than one week; twenty-one, one week; and seventeen states and two territories more than one week."

REFORESTATION PLANS ADOPTED BY THE HOUSE

According to newspaper dispatches from Washington, D. C., the House on May 12 passed a bill (S. 3556) designed to insure adequate supplies of timber by providing a 10-year program of reforestation. The bill sets up a series of authorizations covering the activities of the forest experiment stations. The House amended the Senate bill in passing it by providing for the establishment of additional forest experiment stations in Alaska and Hawaii and one additional station in a Southern State. It is contemplated that appropriations under all of the sections of the bill will approach the maximum authorizations under each section by approximately equal increases over the 1-year period until the maximum amount authorized, \$3,575,000, is reached.

Farmer (to Druggist): "Now, be sure an' write plain on them bottles which is for the Jersey cow and which is for my wife. I don't want nothin' to 'appen to that Jersey cow."

BUILDING MATERIALS WILL ENJOY GOOD YEAR—STEEL PRODUCTION CITED

(Reprint from Business Bulletin, LaSalle Extension University, Chicago, Ill.)

With well-sustained activity in the construction industry, it is natural to presume that building materials will enjoy a good year. That presumption, however, takes into account only one of the two principal factors, supply and demand. The fact that the construction-cost index is running several points below last year, while wage scales are well maintained, points to an over-developed supply situation.

It is true that steel prices are showing some strengthening tendency—and modern construction calls for more steel than the old type—but there is no evidence that the level will be raised appreciably. Lumber and cement prices, while somewhat improved since December, are still below those prevailing a year ago, and production capacity is very large in both lines.

Lumber interests have recently shown some disposition to cooperate in regulating output more closely to demand and, as a consequence, there has been a reduction of stocks. It still remains to be seen whether this healthy condition will be harmoniously maintained.

Cement Producers Expand

Cement producers continue to expand their output, but keen competition keeps

prices down. Stocks at the end of February were 16 per cent higher than a year ago. Imports of foreign cement, while small compared to domestic output, are causing unrest among manufacturers supplying the Atlantic seaboard, and there is talk of asking for legislative protection.

Companies handling specialty lines such as building board, elevators, roofing material, radiators, and gypsum products have a more favorable outlook than concerns dependent on general lines such as lumber and cement.

Easy Money Encourages Building

Easy-money conditions, also, are nearly always a stimulating factor. Since the War we have been building not only to make up for accrued shortages but also to meet an active demand for better housing—both for home and business.

Improved financing methods have helped, too. It is interesting to note that new capital flotations (including long and short term bonds and notes, and stocks) for the classification, "land, buildings, etc.," increased from \$251,000,000 in 1923, to \$715,000,000 in 1925 (according to the summary of New Corporate Issues, compiled monthly by the Financial Chronicle). While there was a decline to \$620,-

Engineering News Section

BRIDGES

OROVILLE, Butte Co., Cal.—T. H. Polk, Chico, at \$612.47 awarded cont. by county to const. bridge over slough on Shippee Rd. Other bids: Germain & Nickles, Gerber, \$625.26; T. M. Brown, Chico, \$693.04; J. F. Anderson, Sacramento, \$925.15.

SANTA ROSA, Sonoma Co., Cal.—Harry Thorsen, St. Helena, at \$5400 awarded cont. by county to const. 3 reinf. conc. bridges and one culvert on Skaggs Springs road in 4th Sup. Dist. Unit bids follows (a) const. rdwy. \$90 yd; (b) lumber, per M ft., \$60; (c) 139 cu. yds. A conc. \$13 yd.; (d) reinf. steel in place; (e) \$3.05; 500 cu. yds. excavation, \$1 yd. Other bids: Frank Bryant, San Francisco, \$5,625; (a) \$1; (b) \$80; (c) \$25; (d) \$0.05; (e) \$2. A. T. Howe, Santa Rosa, \$5,800; (a) \$90; (b) \$85; (c) \$24; (d) \$0.05; (e) \$2.50. W. L. Proctor, Santa Rosa, \$6,260; (a) \$90; (b) \$75; (c) \$22; (d) \$0.05; (e) \$3. W. C. Healy, Monte Rio, \$68,307; (a) \$150; (b) \$76.50; (c) \$25; (d) \$0.06; (e) \$2. E. W. Peterson, San Francisco, \$6,627; (a) \$2; (b) \$85; (c) \$23; (d) \$0.05; (e) \$2. Geo. Looz, Berkeley, \$6,800; (a) \$1.50; (b) \$100; (c) \$17; (d) \$0.05; (e) \$3.25.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp instructed to prepare plans for bridge at San Antonio St., over Coyote Creek and in Taylor St., over Guadalupe Creek also bridge to replace bridge in San Fernando St. over Guadalupe creek, the first to cost \$35,000 and the latter two, between \$25,000 and \$35,000. This work will be financed under recent \$275,000 bridge bond issue. John J. Lynch is city clerk.

SANTA ROSA, Sonoma Co., Cal.—Board of supervisors petitioned to const. bridge over Santa Rosa Creek in University St. Est. cost, \$1,000. Referred to County Surveyor E. A. Peugh for report.

OAKLAND, Cal.—Until May 24, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. reinf. conc. trestle in Excelsior Ave., bet. Haddon and Santa Barbara Roads. Est. cost \$20,000. Cert. check 10% payable to city required with bid. Bond of \$5000 req. of successful bidder. Plans on file in office of clerk. Geo. N. Randle, city eng.

PORTLAND, Ore.—Until May 23, bids will be rec. by city to const. Lovejoy ramp of Broadway bridge; estimated cost \$430,000. Plans obtainable from City Eng. Laurgaard.

SAN MATEO COUNTY, Cal.—San Mateo County Supervisors reject application refiled by Albert Mansfield, Burlingame attorney, seeking franchise to const. toll bridge across San Francisco Bay from Candlestick Point to Alameda county. Similar action was taken on the application of Col. Frank Webb of New York City who sought a like permit.

OLYMPIA, Wash.—McGuire & Blakesly, Great Falls, Montana, at \$159,633 awarded cont. by State Highway Comm. to const. Queets river bridge; two 300 ft. steel spans on conc. piers and 164 ft. of conc. T-beam approach.

OROVILLE, Butte Co., Cal.—T. H. Polk, Chico, at \$2,991.57 awarded cont. by county to const. Bradford road bridge. Other bids: Germain and Nichols, Gerber, \$3,098.83; J. F. Anderson, Sacramento, \$3,588.78; eng. est. \$2,904.45.

PHOENIX, Ariz.—State Highway Comm. rejects bids to const. Fairbanks bridge over San Pedro river on Tombstone-Nogales Highway, consisting of two conc. spans and 5,400-ft. cu. yds. earth in approach fill with incidental items. New bids will be asked.

LYON COUNTY, Cal.—Nevada Rock and Sand Co., Reno, at \$41,062.30 (eng. est. \$60,087.13) awarded cont. by State Highway Comm. to const. conc. and steel overhead structure over Central Pacific R. R. tracks about one mile east of Ferry, including const. of approaches, involv. 50,850 cu. yds. excav. unclassified in place; 400 cu. yds. struct. excav.; 545 cu. yds. class A conc.; 48 miles prepare subgrade and shoulders; 1,100 cu. yds. crushed rock or crushed gravel in place; 42,800 lb. struct. steel in place; 73,900 lb. reinf. steel in place; 3,520 lin. ft. stand. timber guard in place; 16 monuments. State will fur. rock or gravel for surf. rdwy in stock-piles. Other bids: Coolidge & Scott, \$43,309.73; Holdener Const. Co., \$46,630.86; Isbell Const. Co., \$48,077.86; J. M. Tedford, \$49,622.90; Anderson & McShee, Winnemucca, \$52,861.66; Floyd S. Whitney, \$62,117.80; S. H. Palmer Co., \$67,240.40.

OROVILLE, Butte Co., Cal.—T. H. Polk, Chico, at \$950.77 only bidder, awarded cont. by county to const. Helltown road bridge; eng. est. \$945.77.

PHOENIX, Ariz.—Chas. and F. W. Steffgen, Spreckels Bldg., San Francisco, at \$59,332 awarded cont. by State Highway Comm. to const. steel span bridge with approaches on Benson-Douglas highway, Federal Aid Project No. 79-D.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Santa Rosa, at \$27,490 awarded cont. by city to const. two reinf. conc. bridges, one over Santa Rosa Creek and another over Matanzas Creek, involv. 875 cu. yds. A conc.; 26½ cu. yds. B conc.; 750-ft. wooden piles. Other bids: H. T. Howe, \$27,550; R. Press Smith, \$27,810; A. M. Hildebrandt, \$27,990; Frank Bryant, \$29,989; M. B. McGowan, \$35,641.

REDDING, Shasta Co., Cal.—R. B. McKenzie, Gerber, at \$23,300 awarded cont. by county to const. reinf. conc. bridge over Stillwater Creek on Anderson-Shingletown Rd.

PHOENIX, Ariz.—Ken Hodgman, 2145 Beechwood Terrace, Hollywood, awarded cont. by State Highway Comm. at \$17,857 to const. Wickenburg Bridge across Hassayampa river, involv. creosoted wood structure with 2700 cu. yds. earth approach and incidental items, under F. A. P. No. 31.

YUBA CITY, Sutter Co., Cal.—County Surveyor Wm. Shearer has submitted plans to War Department for proposed temporary wooden bridge to close gap in Nicolaus Causeway caused by March freshets. Construction will be started on approval of plans.

The HARD BOILED HAT
is made of fiber, to resist
objects falling on
the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

SALEM, Ore.—Until May 21, 7:30 P. M., bids will be rec. by M. Poulsen, city recorder, to const. reinf. conc. bridge over Mill Creek, on East State St., involv. 250 cu. yds. excavation; 160 cu. yds. class A conc.; 75 cu. yds. class D conc.; 55,000 lbs. metal reinforcement; 810 lin. ft. hand rail; removing 20 cu. yds. of old conc. and removal of old bridge. Cert. check 5% payable to city req. with bid. Plans obtainable from R. A. Furrow, engineer, 1st Nat'l Bank Bldg., Salem, on deposit of \$5, returnable.

SACRAMENTO COUNTY, Cal.—Following three low bids rec. May 16 by State Highway Comm. to const. five reinf. conc. bridges on conc. bents and abutments—one bridge consisting of one 30 ft. span; one bridge of three 30-ft. spans; one bridge of six 30-ft. spans; one bridge of three 30-ft. spans; one bridge of two 30-ft. spans: George Ulrich Co., Modesto, \$39,425; Immel & Seidel, Berkeley, \$46,349; Holdener Const. Co., Sacramento, \$46,661; Engineer's estimate, \$50,403.

REDDING, Shasta Co., Cal.—R. B. McKenzie, Gerber, at \$23,300 sub. low bid to county to const. reinf. conc. bridge over Stillwater Creek on Anderson-Shingletown Rd. Other bids, all under advisement until May 14, were: J. P. Brennan, Redding, \$25,870; M. A. Jenkins, Sacramento, \$25,933; Noble Bros., San Jose, \$27,721; Union Bridge Co., \$29,684; A. W. Kitchen, San Francisco, \$50,808.

LOS ANGELES COUNTY, Cal.—Whipple and Secord, Los Angeles, at \$24,661 (eng. est. \$34,182) awarded cont. by State Highway Comm. to const. reinf. conc. girder bridge consisting of two 26-ft. 8-in. spans on conc. pier and two conc. abutments with wing walls over Santa Anita Wash at Arcadia. Bid of Engstrom Construction Co. at \$21,669, rejected.

FRESNO, Fresno Co., Cal.—Carl H. Peterson, 1047 Fortcamp St., Fresno, is in the market for 120 lin. ft. steel sheet piling, about 18 to 22-ft. lengths. Address him direct if interested.

VENTURA, Ventura Co., Cal.—Until June 6, 10 A. M., bids will be rec. by L. E. Hollowell, county clerk, to const. conc. lined storm ditch, conc. ditch and culverts, involv. 2700 cu. yds. excavation; 350 cu. yds. A conc. in ditch; 80 cu. yds. A conc. in culverts; 22,600 lbs. reinf. steel. Plans obtainable from Chas. W. Petit, county surveyor. Cert. check 10% req. with bid.

SAN JOAQUIN COUNTY, Cal.—Following bids rec. May 14 by R. E. Pierce, Acting Division Engineer, District X, Sacramento, to remove present timber approaches and dolphins and construct new timber approaches to draw bridge in San Joaquin county, over the south fork of the Mokelumne river at New Hope, approx. 280 ft. in length: Ben C. Gerwick, Inc., 112 Market St., San Francisco, \$11,224; M. A. Jenkin, Sacramento, \$11,321. Contract recommended to be awarded to low bidder.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to const. timber bulkhead at Bayshore and Crissy Field. Will be 540-ft. long.

SAN FRANCISCO.—Until May 28, 11 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, to const. timber bulkhead at Crissy Field. See call for bids under official proposal section in this issue.

Telephone SUTTER 3266

SANTA ROSA, Sonoma Co., Cal.—Duncan Smith, Rionido, lone bidder, at \$150 purchased 6-ft. Austin grader, no longer required by county.

MADERA, Madera Co., Cal.—Until June 4, 10 A. M., bids will be rec. by L. W. Cooper, county clerk, to fur. and del. f. o. b. Friant, Calif., (a) one new Caterpillar 30-tractor equipped with track links, drop forged steel, heat treated; 4-cylinder; motor speed 850 r.p.m.; draw bar H. P. 25 with canopy top and seat with top; (b) one new No. 6 Adams 1-man road maintainer. Further information obtainable from clerk. See call for bids under official proposal section in this issue.

FIRE EQUIPMENT

SACRAMENTO, Cal.—E. D. Adams, City Controller, on May 19, 10 A. M., will sell to highest bidder, 50-ft. 3-in., 200 ft. 2½-in., 450 ft. 2½-in., and 200 ft. 1½-in. fire hose, no longer required by city. Same may be inspected at office of City Purchasing Agent.

PALO ALTO, Santa Clara Co., Cal.—Fire Underwriters of the Pacific recommend to city the purchase of a new 1000-gal. pumper for the main fire station house and the removal of the present 750-gal. pumper to the station to be erected at Joyce and Channing Aves. and Guinda St.

PALO ALTO, Santa Clara Co., Cal.—Fire Underwriters of the Pacific recommend to city the purchase of additional fire hose.

UPLAND, San Bernardino Co., Cal.—Until 7:30 P. M., June 7, bids will be rec. by city for one 600-gal. pumping engine and chemical hose car, 2½-in. and 1½-in. hose, with other necessary accessories. Certified check, 10%. E. C. Mehl, city clerk.

RESERVOIRS AND DAMS

VENTURA, Ventura Co., Cal.—Bids will be asked shortly by city to const. earth fill reservoir at Kingston site, just outside city limits. D. C. McMillan, city eng. Will be built in two sections, the first to have a capacity of 5,569,000 gals. and the second 1,242,000 gals. The work will involve 11,600 cu. yds. rough excavation and 2320 cu. yds. earth fill (borrow). Installation of appurtenant piping and changing of valves will be done by city. There are at present three small reservoirs on this site. This call for bids was previously announced as for May 7, but was withdrawn by the city due to certain changes in the plans.

EUGENE, Ore.—See "Power Plants," this issue. City taking bids until June 5 for Leaburg hydro-electric development.

PHOENIX, Ariz.—Salt River Water Users' Assn., voted bonds of \$4,100,000 to const. dam at Stewart Mountain site and electrification of the valley properties.

SAN BERNARDINO, Cal.—City Water Supt. Wm. Starke making surveys for 5,000,000-b-gal reservoir on summit of Perris Hill.

PIPE LINES, WELLS, ETC.

COVINA, Los Angeles Co., Cal.—Until 7:30 P. M., May 21, bids will be rec. by city to drill water well 250 ft. in depth as a minimum and 550 ft. as a max. Well to be cased with 20-in., 2-ply 10-gauge hard red steel casing. Spec. obtainable from city clerk, 210 N. Citrus Ave. Cert. check or bond, 5%.

LIVINGSTON, Merced Co., Cal.—Bids will be asked at once by city clerk, to be opened probably June 4, to drill wells in connection with water system. E. T.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—Fredrickson and Watson, 354 Hobart St., Oakland, at \$80,900 sub. low bid to County Sanitation Dist. No. 2 to const. additions to sewage treatment plant.

LODI, San Joaquin Co., Cal.—As previously reported, bids will be rec. by J. F. Blakely, city clerk, to cement line ditches and conc. partition walls for sludge disposal beds at city sewage plant. Date for opening bids set for May 28, 5 P. M. Plans obtainable from L. F. Barzellotti, city eng. on deposit of \$1, returnable.

WATER WORKS

SAN DIEGO, Cal.—Until 11 A. M., May 25, bids will be rec. by City Purchasing Agent, A. V. Goedell for const. of 150,000-gal. elevated steel water tank and a pump house for the Encanto District. Cert. check, 5%.

SAN MATEO, San Mateo Co., Cal.—Until May 21, 8 P. M., bids will be received by E. W. Foster, city clerk, to const. two 20,000-gal. water tanks and replace decking on present tower in city park. Bids to include removal of old tanks and decking to become property of the city. Cert. check 10% req. with bid. Forms for bidding obtainable from clerk. See call for bids under official proposal section in this issue.

MANTECA, San Joaquin Co., Cal.—City will hold election in June to vote bonds of \$50,000 to finance purchase of privately owned water system to operate as a municipal project.

CORCORAN, Kings Co., Cal.—Until May 21, 8 P. M., bids will be rec. by Jas. C. Condon, city clerk, to fur. on vertical 3-in. centrifugal pump of 450 gals. capacity per min., to be installed in wet pit; 20 ft. shafting and column—also one 5-H. P., ball bearing motor, 3-phase, 220 volt, 60 cycle. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. See call for bids under official proposal section in this issue.

INGLEWOOD, Los Angeles Co., Cal.—Until May 21, 8 P. M., bids will be rec. by Otto H. Duclue, city clerk, to fur. (itema) 7500 ft. 4-in., (b) 5000 ft. 6-in. and (c) 2000 ft. 10-in. c. i. bell and spigot, Class B water pipe. To conform to Amer. Water Works Assn. spec. Each item to be bid on separately. Cert. check 10% req. with bid.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids wanted by Bureau of Yards and Docks, Navy Department, for salt water pumping station at Naval Operating base (air station), San Diego. Specification No. 5478.

BAKERSFIELD, Kern Co., Cal.—California Water Service Corp. has launched imp. program calling for expending of \$13,000, involv. four new wells, new pump station and laying of 200 ft. 8-in. water mains. S. E. Dillon, manager.

PISMO BEACH, San Luis Obispo Co., Cal.—Pismo Beach Water District was organized at recent election. An election will be called to vote bonds to finance const. of water main extensions.

MONROVIA, Los Angeles Co., Cal.—Until 9:30 A. M., May 26, bids will be rec. by city to fur. and install pump for 16-in. well at the San Gabriel pumping plant. Proposed equipment will have a capacity of 2700 gals. per minute. Pump to be equipped with suitable head for belt drive by 160 h. p. gas engine. Cert. check, 10%. F. A. Dupar, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until May 21, 8 P. M., bids will be rec. by W. A. Price, city clerk, to fur. f. o. b. cars, Redwood City, 5,000 lin. ft. 6-in., and 4,000 lin. ft. 4-in. c. i. water pipe in not less than 12-ft. and not more than 16-ft. lengths; also six 6-in. iron tees; six 6x6-in. c. i. tees; four cast iron tees. Pipe to be bell and spigot. Cert. check 10% payable to town req. with bid. Further information obtainable from clerk.

CHINO, San Bernardino Co., Cal.—City votes bonds of \$20,000 to finance imps. to water system.

SEATTLE, Wash.—Until June 1, 9:30 A. M., bids will be rec. by W. D. Freeman, city purchasing agent, 231 County City Bldg., to fur. one complete pumping unit of approx. 2,000-gals. per min. Cert. check 5% payable to City Comptroller req. with bid.

PALO ALTO, Santa Clara Co., Cal.—Fire Underwriters of the Pacific recommend to city the installation of 8-in. water mains in Alma St., bet. Forest Ave. and Coleridge and bet. Tennyson Ave. and California St. J. F. Byxbee Jr., city engineer.

OAKLAND, Cal.—Byron-Jackson Pump Mfg. Co., 55 New Montgomery St., San Francisco, \$1,519 sub. low bid to City Port Commission to fur. and install 16-in. drainage pump at Municipal Airport. United Iron Works, Oakland, at \$1,587 only other bidder. Taken under advisement.

NAPA, Napa Co., Cal.—County Supervisors postpone action to grant franchise to Utility & Service Corp., to construct 6,000,000-gal. dam in Conn Valley and 26 mi. of pipe line. The estimated cost of the project is \$5,000,000.

EL MONTE, Cal.—Until May 28, 8 P. M., bids will be rec. by B. B. Moore, city clerk, to fur. and install deep well turbine pump and 100 H. P. motor at city pumping plant; pump to have capacity of 1500 G. P. M. Spec. on file in office of clerk.

OAKLAND, Cal.—Until May 14, 4:30 P. M. bids will be rec. by G. B. Hegardt, secty., City Port Commission, 424 Oakland Bank Bldg., to fur. and install 16-inch drainage pumping plant at Municipal Airport. Cert. check 10% req. with bid. Spec. obtainable from secty. on deposit of \$5, returnable.

LIVINGSTON, Merced Co., Cal.—Jas. Currie, 1100 Peninsula Ave., Burlingame, at \$24,894 awarded cont. by city to const. extensions to water system including hydrants.

Contractors Machine Works

SPECIALISTS ON REPAIRING AND REBUILDING OF

Rollers, Mixers, Hoists, Shovels, Tractors, Pavers, Crushers, Drag Lines, Elevators, Car Unloaders, and other Road and Building Equipments; Blacksmithing and Welding.

CREAR & BATES

57 ZOE ST., bet. 3rd and 4th, off Brannan St.

Phone KEARNY 1885

SAN FRANCISCO

SAN JOSE. Santa Clara Co., Cal.—B. Nicol & Sons, 101 N. 1st St., San Jose, Cal., at \$14,000, awarded contract to imp. North Lincoln St. West Tunnell St., West Hermosa St., and other streets, inclv. water mains, three fire hydrants, valves, fittings, 6-in. sewer line, etc.; 1911 Act. Flora A. Rivers, city clerk.

PALO ALTO. Santa Clara Co., Cal.—City plans to install filter plant at municipal swimming pool, est. cost \$3500. J. E. Dykko Jr., city engineer.

SANTA MARIA. Santa Barbara Co., Cal.—City plans to imp. North Lincoln St. West Tunnell St., West Hermosa St., and other streets, inclv. water mains, three fire hydrants, valves, fittings, 6-in. sewer line, etc.; 1911 Act. Flora A. Rivers, city clerk.

LINDSAY. Tulare Co., Cal.—Lindsay Pump & Machinery Co., Lindsay, at \$660 awarded cont. by city to fur. one belt drive centrifugal pump, 800 gals. per min., at 120 ft. head. Other bids: Bradford Machinery Co., Porterville, \$650; Stansfield McKnight, Lindsay, \$763.

PLAYGROUNDS AND PARKS

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for boundary wire fencing at Fort Mason.

MARTINEZ. Contra Costa Co., Cal.—Trustees of Alhambra Union High School Dist. approve plans of Howard Gilkey, 337 17th St., Oakland, to improve athletic grounds and parking area at high school grounds; estimated cost \$10,000. Baseball diamond, football field, running track, horseshoe section and landscape work is included.

RENO. Nevada—City Engineer Harry Chisum preparing plans for two new tennis courts at Evans Park, three on city property at Stewart and Wheeler Sts., and one in Whitaker Park.

AUBURN. Placer Co., Cal.—Placer Union High School District has purchased 5 1/2-acre site to be improved for an athletic field and recreational center.

SEWERS AND STREET WORK

MARTINEZ. Contra Costa Co., Cal.—Until June 4, bids will be rec. by county supervisors for 4,873 ft. conc. pave. on Concord-Avon highway, near plant of Associated Oil Co. Est. cost \$2. Spec. obtainable from County Surveyor R. R. Arnold.

MARTINEZ. Contra Costa Co., Cal.—Until June 4, bids will be rec. by county supervisors for 5,500-ft. asph. macadam pave. on Dainty road, near Brentwood; est. cost \$20,694. Spec. obtainable from County Surveyor R. R. Arnold.

SANTA CRUZ. Santa Cruz Co., Cal.—City declares inten. (415-C) to imp. portions of Main St., inclv. 5-in. conc. pave. conc. walks and curbs; 1911 Act. Bond Act 1915. Protests May 28. S. A. Evans, city clerk. Roy Fowler, city eng.

SAN JOSE. Santa Clara Co., Cal.—City declares inten. (1144) to imp. Edwards Ave. bet. Almaden Ave. and Palm St., inclv. grade; 1 1/2-in. asph. conc. surface, 2 1/2-in. asph. conc. base pave.; hyd. conc. gutter, curbs; walks; 6-in. conc. alley driveways; 6-in. vit. sewers; lampholes; 1911 Act Bond Act 1915. Protests May 21. John J. Lynch, city clerk. Wm. Popp city eng.

SAN JOSE. Santa Clara Co., Cal.—Until May 21, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4127) to imp. Ninth St. bet. Washington St. and Empere St., inclv. grade; 1 1/2-in. asph. conc. surface pave. on 2-in. asph. conc. base; hyd. conc. curb gutter; 4-in. vit. pipe house sewer laterals; 1911 Act. Bond Act 1915. Cert. check 10% payable to city not to bid. Wm. Popp, city eng.

SAN JOSE. Santa Clara Co., Cal.—Until May 21, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4127) to imp. Ninth St. bet. Washington St. and Empere St., inclv. grade; 1 1/2-in.

asph. conc. surface, 3-in. asph. conc. surface, 3-in. asph. conc. base pave.; hyd. conc. curb gutter and walks; 4-in. vit. house sewer laterals; 4-in. c. l. lateral drains; hyd. conc. conc. culvert.

NAPA. Napa Co., Cal.—As previously reported, Smith & Silva, Santa Rosa, at \$42,224 awarded cont. by Joint Highway District No. 7, Napa, to grade and pave with conc. approx. 2 mi. of Calistoga-Jimtown Rd., connecting county highway system with Redwood Highway at Lytton's in Sonoma County. Other bids were: J. V. Galbraith, Napa, \$46,928; Wm. Taylor, Palo Alto, \$47,813; M. J. Bevanda, Stockton, \$51,160.

CALIFORNIA.—Proposal has been presented to Governor C. C. Young for \$40,000,000 highway bet. San Francisco and Los Angeles, running between Tracy, San Joaquin County, and Fillmore, Ventura County, 20-ft. wide with 10-ft. parking space between. The construction would be financed either by direct tax or bond issue. C. H. Purcell, state highway eng.

SAN RAFAEL. Marin Co., Cal.—City Manager H. K. Brainerd completing surveys for pumping plant in connection with sewer system to replace present gravity outfall system; cost and plant and sewer is placed at \$100,000. The project will be financed by direct assessment or bond issue.

FRESNO. Fresno Co., Cal.—Thompson Bros., 2150 G St., Fresno, awarded cont. by city to imp. alley bet. L. M. Stanislaus and Calaveras Sts. and M. N. Ventura Sts. and Santa Clara Ave., inclv. grade 3.30 sq. ft. 3 1/2-in. asph. conc. base; 1 1/2-in. asph. surface pave., 21.5c sq. ft.

TRACY. San Joaquin Co., Cal.—City declares inten. (125) to imp. portions of Highland and Bervardor Aves., inclv. 8-in. vit. sewer; manholes; flush tanks; 4-in. vit. house connections. 1911 Act, Bond Act 1915. Protests May 28. George L. Frerichs, city clerk.

BENICIA. Solano Co., Cal.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, for macadam flooring in Artillery Warehouse No. 77, Benicia Arsenal.

PLACER-NEVADA COUNTIES. Cal.—Until June 6, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with oil treated crushed gravel or stone, 7.4-mi. bet. Big Bend and Soda Springs. See call for bids under official proposal section in this issue.

PORTOLA. Plumas Co., Cal.—Edw. E. Von Geldren commissioned by business interests in Commercial street to prepare plans for sewers. This work will be undertaken before street is paved.

PETALUMA. Sonoma Co., Cal.—Until May 21, 7:30 P. M., bids will be rec. by Gladys V. Roberts, city clerk, (3699) to const. 6-in. sewer in Olive St. bet. Mountain View Ave. and 666 ft. west. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

PETALUMA. Sonoma Co., Cal.—City declares inten. (3710) to imp. 5th St., inclv. fill and grade; oil macadam; oil bound macadam pave.; hyd. conc. curb gutters; corr. part circle Armo culvert. 1911 Act, Bond Act 1915. Protests June 4. Gladys V. Roberts, city clerk.

SAN FRANCISCO.—Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to repair oil macadam roads in Presidio.

ESMERALDA-MINERAL COUNTIES. Nev.—Dodge Bros., Fallon, Nevada, at \$177,908.95 awarded cont. by Nevada State Highway Comm. to const. 40.89-mi. bet. Coaldale and pt. 3.3-mi. west of Luning; eng. est. \$270,635.53. Other bids were: Coldridge & Scott, Reno, \$184,044.07; Holdener Const. Co., Sacramento, \$231,019.37; Morrison & Knudsen, Boise, \$275,303.36. Project involves: 268,100 cu. yds. excav. unclassified; 91,514 yd. sta. overhaul; 269 cu. yds. selected material binder in place; 40.89 miles prepare subgrade and shoulders; 78,700 cu. yds. crushed rock or crushed gravel in place; 212 cu. yds. conc. class B; install 3.52 lin. ft. 18-in., 1.298 lin. ft. 21-in., 36 lin. ft. 60-in., and 64 lin. ft. 36-in. corr metal pipe; fur. watering equipment; 4,962 M. gal. apply water; 112

lin. ft. Stand. timber guard rail in place; 122 monuments; 860 lin. ft. remove and reset fence; lump sum, remove nine bldgs. from right of way and salvage lumber from three cabins; 140 lin. ft. 4-in. cast iron pipe in place. State will furnish corr. pipe culverts.

OAKLAND. Cal.—Until May 28, 10:30 A. M. bids will be rec. by George E. Gross, county clerk, to imp. Tennyson road, bet. Co. Rd. No. 1347 bet. Telegraph Rd., approx. 3-8 mile south of Mt. Eden and the state highway. Cert. check 10% payable to clerk req. with bid. Plans obtainable from County Surveyor Geo. A. Posey on deposit of \$25, returnable.

UKIAH. Mendocino Co., Cal.—City trustees contemplate paving all streets now unpaved, involving approx. 4 miles; est. cost \$175,000 to \$200,000. The type of pavement is yet to be determined.

PHOENIX. Ariz.—Ken Hodgman, 2145 Beechwood Terrace, Hollywood, awarded cont. by State Highway Comm. at \$11,862.76 for const. of Ehrenberg-Wickenburg highway, Ehrenberg-Quartzite, Section B, Non-Federal Aid Project No. 79-D, Schedule 1, consisting of approx. 9.5 miles of roadway including 4 bridges over 20-ft. clear span.

STOCKTON. San Joaquin Co., Cal.—Until May 28, 5 P. M., bids will be rec. by A. L. Banks, city clerk to pave Kensington Way and Oxford Circle bet. Central Ave. and Park Lane, which is now occupied by tracks of Stockton Electric R. R. Cert. check 10% payable to City Auditor req. with bid. Plans on file in office of clerk. W. B. Hogan, city eng.

STOCKTON. San Joaquin Co., Cal.—Until May 28, 5 P. M., bids will be rec. by A. L. Banks, city clerk, (829) to imp. portions of Kensington Way inclv. grade comp. conc. curbs and gutters; conc. walks; 2-in. cementing gravel base with 5-in. hyd. conc. surface; and portions of Bristol Ave., Oxford Way, Elmwood Ave., North Country Club Blvd., etc., inclv. grade; comb. conc. curb and gutters; conc. walks; 2-in. cementing gravel base, 5-in. hyd. conc. surface pave. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. ith bid. Plans on file in office of clerk. W. B. Hogan, city eng.

OROVILLE. Butte Co., Cal.—County Road Eng. Harry H. Hume preparing spec. for bitum. surfacing of various county roads involving an expenditure of \$40,000.

HUMBOLDT - MENDOCINO COUNTIES. Cal.—Until May 24, 10 A. M., bids will be rec. by I. G. Thomas, Assistant District Engineer, Dist. 1, Bank of Italy Bldg., Eureka, to fur. crushed gravel or stone graded from 3/4-in. to 3/8-in. in designated stock piles along approx. 51.5 mi. of state highway in counties of Humboldt and Mendocino bet. Myers and Laytonville. See call for bids under official proposal section in this issue.

OAKLAND. Cal.—City declares Inten. to sewer certain rights-of-way extending from Edith St. northeasterly, including manholes, drop connection and wye branches. 1911 Act. Protests May 31. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

CALISTOGA. Napa Co., Cal.—Until May 19, bids will be rec. by Thos. Maxwell, Secty., Joint Highway District No. 7, Calistoga, to const. 4 mi. of conc. pavement out of Calistoga. Cert. check 10% payable to F. A. Lowell, Pres., Joint Highway District No. 7, req. with bid. Plans obtainable from Secty. at Calistoga.

NAPA. Napa Co., Cal.—Smith & Silva, Santa Rosa, at \$42,224 awarded cont. by Joint Highway District No. 7, Napa, to grade and pave approx. 2 mi. of Calistoga-Jimtown Highway connecting Napa county highway system with Redwood Highway at Lytton's in Sonoma county.

PLUMAS-LASSEN COUNTIES. Cal.—Following are three low bids rec. May 16 by State Highway Comm. to surface with crushed gravel or stone, 12.4 mi. at Intervale bet. Chester and Devils Corral:
E. B. Bishop, Sacramento \$28,825
Manford & Armstrong, Sacramento \$31,773
C. A. Failing, Tres Pinos \$1,900
Engineer's estimate 38,225

GILROY, Santa Clara Co., Cal.—As previously reported, California Construction Co., Standard Oil Bldg., San Francisco, at \$74,049 sub. low bid to city to imp. portions of Eigleberry, 2nd, 4th, 5th, 6th, Martin, Lewis, and other streets, involv. 299,764 sq. ft. cem. conc. pave.; 3,323 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in. conc. gutters; 1873 lin. ft. conc. curb; 3700 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; 150 6-in., 417 ft. 8-in., 232 ft. 10-in. and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. C. I. sewer; 1110 ft. 5-in. and 440 ft. 18-in. storm sewer; 19 catchbasins; 1 conc. wall and apron; 6685 cu. yds. excavation. Other bids: W. A. Montanville, Salinas, \$76,306; Stanley Construction Co., Palo Alto, \$77,589; Granite Const. Co., Watsonville, \$77,974; N. M. Ball, Porterville, \$78,334; M. J. Bevanda, Richmond, \$78,441; California Hacienda Co., San Francisco, \$81,601; J. V. Galbraith, San Francisco, \$89,543; Chas. W. Vimmer, \$96,087. Taken under advisement until June 4. Henry Fisher, engineer, Growers Bank Bldg., San Jose.

RICHMOND, Contra Costa Co., Cal.—City petitioned to pave 23rd St. bet. Pullman and Potrero Aves. Referred to City Eng. E. A. Hoffman for report.

BAKERSFIELD, Kern Co., Cal.—Union Paving Co., Call Bldg., San Francisco, at \$1,933 awarded cont. by city to imp. 24th St. bet. H and Oak Sts., involv. 155,265 sq. ft. 3½-in. asph. base with 1½-in. Warrenite surface; 56,265 sq. ft. 4-in. asph. base with 1½-in. Warrenite surface; 211,521 sq. ft. grading; 9627 sq. ft. gutter; 4135 lin. ft. curb; 1275 lin. ft. culvert; 18,570 sq. ft. graded shoulders. Calif. Road and St. Imp. Co., Fresno, second low at \$62,535.

GRIDLEY, Butte Co., Cal.—M. J. Bevanda, Stockton, at \$45,921 sub. low bid to city to imp. portions of Washington Locust, Virginia Sts., etc. Other bids, all taken under advisement, were: D. M. McDonald, \$46,735; Heafy-Moore Co., \$48,927; Teichert and Sons, \$49,206. Project involves grade; hyd. conc. curbs, gutters; corr. iron culverts; 4-in. asph. macadam pave.

WATSONVILLE, Santa Cruz Co., Cal.—City declares inten. (1863) to imp. Stanford St., from Lincoln to Madison Sts., involv. grade; macadamized and oiled with asph. oil; conc. curbs, gutters. H. B. Kitchen, city eng. M. M. Swisher, city clerk.

SANTA ROSA, Sonoma Co., Cal.—Until June 4, 11 A. M., bids will be rec. by County to imp. 1.6 miles of Middle Two Rock Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalks and 15-in. corr. culvert. 1907 Rd. Dist. Act. R. P. Smith, engineer, Santa Rosa. (County will pay \$6500 of total cost). Plans on file in office of W. S. Coulter, county clerk.

MANHATTAN BEACH, Los Angeles Co., Cal.—City plans to imp. 24th St., 25th St., 26th St. bet. Alma Ave. and first alley east, and portions of 27th St., 28th St., 29th, 30th, 31st, 32nd, 33rd, and other streets, involving 4-in. National conc. pave., house sewers, san. sewers, ornamental light system, etc. 1911 act. L. C. Lull, city eng.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny preparing spec. to imp. Butte St. bet. Kentucky and Tennessee Sts., property owners having petitioned for the work.

STOCKTON, San Joaquin Co., Cal.—Until May 29, 5 P. M., bids will be rec. by Ansel S. Williams, secy., Board of Education, to const. curbs, gutters, walks and pave. adjoining Lottie Grunsky school on the south. Cert. check 10% req. with bid. Spec. obtainable from secy.

SANTA MARIA, Santa Barbara Co., Cal.—City plans to imp. Elizabeth Ave. bet. Main and Fessler Sts., and portions of other streets, involv. grading curbs, walks, 4-in. C. I. water mains, hydrants, valves, etc. 1911 act. Flora A. Rivers, city clerk.

LOS ANGELES, Cal.—John Artukovich, 684 East 50th St., at \$169,424 sub. low bid to county to const. D and W St. vit. pipe sewers, manholes, etc. in Co. Imp. No. 612, Willowbrook Unit No. 2.

SAN DIEGO, Cal.—David H. Ryan, 4749 University Ave., San Diego, at \$333,675 awarded cont. by county to imp. San Diego Ave., bet. Chase Ave. and Main St., etc., involv. grade; conc. curbs, gutters; disintegrated granite walks, 370,358 sq. ft. disintegrated granite pave and 408,477 sq. ft. Anlesite asph. pave.; storm sewers, etc.

SAN GABRIEL, Los Angeles Co., Cal.—Until May 29, 7:30 P. M., bids will be rec. by Ira H. Stouffer, city clerk, to install reinf. conc. storm drain on Las Tunas Dr., from Sycamore Ave. to bridge over Rubio Sycam., involv. 2051 ft. 60-in., 816 ft. 48-in., 1039 ft. 36-in. and 966 ft. 30-in. reinf. conc. pipe (light); 208 ft. 18-in. and 228 ft. 12-in. cem. pipe; 21 catchbasins with 4 ft. openings; 6 catchbasins with 8 ft. openings. Cert. check 5% req. with bid.

LOS ANGELES, Cal.—County plans imps. in Co. Imp. No. 79, Florence Ave., bet. Central Ave. and Santa Fe Ave., involv. 19,670 cu. yds. excavation; 360,287 sq. ft. 7-in. 9-in. conc. pave; 78,645 sq. ft. 8-in. conc. pave.; 428,932 sq. ft. 5-in. D. R. sub-base; curbs, gutters, walks; drainage structures; vit sewers; pedestrian subway, etc. Est. cost \$262,022.

DEL NORTE COUNTY, Cal.—Following three low bids rec. May 16 by State Highway Comm. to surface with crushed stone or gravel and oil, 35.3 mi. bet. Smith River and the Oregon Line: Holdener Const. Co., 2608 R St., Sacramento \$168,461.50
D. Tyle, Eugene, Oregon 190,875.50
Kaiser Paving Co., Oakland 191,146
Engineer's estimate 169,990

DEL NORTE COUNTY, Cal.—Following three low bids rec. May 16 by State Highway Comm. to surface with crushed gravel or stone, 21.6 mi. bet. Crescent City and 0.7 mi. south of the Oregon Line: Holdener Const. Co., 2608 R St., Sacramento \$46,486
Weber Const. Co., Crescent City 57,219
William C. Elsnore, Eureka 57,790
Engineer's estimate 61,800

SUNNYVALE, Santa Clara Co., Cal.—City will start proceedings shortly to pave Evelyn Ave., bet. Taaffe St., to west city limits. Santa Clara county will be asked to imp. Evelyn Ave. west to the intersection of the Mountain View-Alviso Road.

DEL NORTE COUNTY, Cal.—Following three low bids rec. May 16 by State Highway Comm. to grade and surface with crushed gravel or stone, 0.7 mi. bet. California-Oregon State Line and pt. 0.7 mi. south: John R. Hill, Harbor, Oregon \$13,821
Holdener Const. Co., Sacramento 14,815
Washburne & Hull, Portland, Ore. 15,864
Engineer's estimate 16,357

ORANGE COUNTY, Cal.—Following three low bids rec. May 16 by State Highway Comm. to grade and surface with oil treated crushed gravel or stone 0.9 mi. from Galivan to 1 mi. north: Bert Calvert, 1008 Towne St., Los Angeles \$44,899
Watson & Sutton, San Diego 52,553
George J. Bock 52,812
Engineer's estimate 50,113

SAN RAFAEL, Marin Co., Cal.—City declares inten. (405) to imp. portions of Tamalpais Ave., involv. grade; 5-in. waterbound macadam base. 3-in. asph. conc. surface; 6-in. Monolithic hyd. conc. curb; hyd. conc. gutter; corr. iron and conc. arch culvert. 1911 Act, Bond Act 1915. Protests June 4. Eugene W. Smith, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler preparing spec. for sewer in Santa Cruz St.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz, at \$2566.20 awarded cont. by city to imp. Minnie St., bet. North Branciforte Ave. and its westerly termination, involv. 5-in. conc. pave.; conc. curb, walks, side-walk approaches, vit. city lateral sewers w. I. water service connections; conc. meter boxes. Other bids: Thompson Bros., Santa Cruz and Fresno, \$2586.21; Granite Construction Co., Watsonville, \$2929.28.

SONORA, Tuolumne Co., Cal.—Until May 28, 2 P. M., bids will be rec. by county supervisors to imp. approx. 5 mi. of La Grange Rd. in Rd. Dist. No. 5. Work lies between the Kassabaum and Randall ranches. Spec. obtainable from County Surveyor Robt. Thom.

FRESNO, Fresno Co., Cal.—City declares inten. (79-D) to imp. Clinton Ave., bet. Wilson Ave. and Van Ness Blvd., and Fern Ave., bet. Linden Ave. and Wishon Ave., involv. grade and regrade; conc. curbs, gutters and walks; corr. metal culverts; 3½-in. asph. conc. base pavement, 1½-in. Warrenite-bit. surface. 1911 Act, Bond Act 1915. Protests May 31. H. S. Foster, city clerk. A. M. Jensen, city engineer.

SEATTLE, Wash.—Thos. Scalzo & Co., 1929 Lane St., Seattle, at \$149,965 sub. low bid to city to const. sewers in 40th avenue northeast, etc. McHugh & Caluccio, Seattle, next low at \$150,392.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4149) to imp. portions of Montgomery St. and St. Augustine St., involv. grade; 2-in. asph. conc. surface pave, 3½-in. asph. conc. base; conc. curb, gutters, walks; 6-in. vit. san. sewer; br. manhole; vit. pipe house laterals. 1911 Act, Bond Act 1915. Protests May 28. John J. Lynch, city clerk. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by city to imp. Morrison Ave., bet. The Alameda and San Fernando St. and bet. San Fernando St. and Park Ave., involv. grade; 1½-in. asph. conc. surface; 2½-in. asph. conc. base pave.; hyd. cem. conc. curb, walks, gutters; 4-in. vit. sewer lateral.

ALAMEDA, Alameda Co., Cal.—City Eng. Burnett Hamilton preparing estimates of cost to widen Park St., bet. Buena Vista Ave. and the bridge.

STOCKTON, San Joaquin Co., Cal.—Until May 21, 5 P. M., bids will be rec. by A. L. Banks, city clerk (\$28) to const. system of 6-inch san. main and lateral sewers, wye branches, curves, house connections, lampholes and manholes in Taylor St. bet. El Dorado and Center Sts. and in Taylor St. bet. Hunter and San Joaquin Sts. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. W. B. Hogan, city eng.

SAN BERNARDINO COUNTY, Cal.—Nevada Contracting Co., Fallon, Nevada, under Proposition A, open cut, at \$285,281.56 and under Proposition 8, part tunnels, at \$305,989 sub. low bids to U. S. Bureau of Pub. Rds., San Francisco, to const. 2.20-mi. of Squirrel Inn-Pass Section of Bear Valley Nat'l. Forest Highway, Route 65, involv. 21 ac. clearing; 362,473 cu. yds. excavation, unclassified; 2900 cu. yds. unclassified excavation for structures; 10,000 sta. yds. overhaul; 2.20 mi. finish earth graded roads; 600 cu. yds. A. conc.; 15 cu. yds. B. conc.; 86,000 lbs. reinf. steel; 1334 lin. ft. C. M. pipe, haul and place; 200 lin. ft. wood guard rail; 2950 sq. ft. precast conc. cribbing; 210 M. B.M. treated tunnel timber; 370 lin. ft. unlined tunnel excavation; 500 lin. ft. tunnel excavation, lined.

Complete bids listings follows: **Proposition A**—Nevada Contracting Co., \$285,281.56; Lang Transportation Co., Los Angeles, \$291,532.06; H. W. Rohl, Los Angeles, \$300,709.75; J. G. Donovan and Son, Los Angeles, \$310,747.71; J. M. DeLuca, Oakland, \$349,494.24; Crook and Henno, Los Angeles, \$358,096.20. Engineer's est. \$284,983.10.

Proposition B—Nevada Contracting Co. \$305,989; Lang Transportation Co. \$306,481.50; H. W. Rohl, \$321,270; J. G. Donovan & Son, \$343,995.50; Crook and Henno, \$344,783.50; J. M. DeLuca, \$277,002; Eng. est. \$312,994.

Bids forwarded to Washington, D. C., for action.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 28, 9 A. M., bids will be rec. by S. A. Evans, city clerk. (414-C) to imp. portions of Bay St., involv. 5-in. conc. pave; vit clay pipe main san. sewer laterals. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. Spec. obtainable from Roy Fowler, city engineer.

SHASTA COUNTY, Cal.—Until June 6, 1 P. M., bids will be received for the State Highway 160, from the intersection of the highway with the Shasta River to the intersection of the highway with the Shasta River. The highway is to be widened to 36 ft. and the bridge over the Shasta River is to be replaced. The lowest bid for this work was \$1,200,000, by the Shasta River Bridge Co., Shasta, Cal. The estimated cost of the work is \$2,000,000. See call for bids under official pre-proposal section in this issue.

CORONADO COUNTY, Ariz.—S. J. Hagg, Santa Ana, submitted low bid to Bureau of Public Roads (bids opened at Grand Canyon), at \$81,571.50 to improve highway from Sta. 270 plus 00 to Sta. 10 plus 00 to Sec. A, Rte. No. 2, Grand Canyon-Old Trails National Forest Highway, located in and adjacent to the Tusayan National Forest, County of Coronado, Ariz., 15.43 miles, gravel, 25 cu. yds. clearing, 16,992 cu. yds. excav., unclassified, 25 cu. yds. excav., unclassified for struct.; 11,501 cu. yds. borrow unclassified; 1,000 sta. yds. over-haul, 15.43 mi. finish earth graded road; 25 cu. yds. dry rubble masonry; 1,562 lin. ft. of 18-in. C.M.P. haul and placing; 711 lin. ft. 21-in. C.M.P. haul and placing; 528 lin. ft. 48-in. C.M.P. haul and placing; 20,000 lin. ft. protection ditches; 2 each cattle guard and gate. Ken Hodgman, Hollywood, was second bidder at \$83,212.00.

PHOENIX, Arizona.—O. F. Fisher, 646 North 5th Ave., Phoenix, at \$37,208 awarded contract by Miller Cattle Co. to develop township 1/2 mile north of Buckeye, including road work, sidewalks, curbs, gutters, etc.

GLENDALE, Cal.—S. W. Gleim, 1611 Lake St., Glendale, at \$92,020 sub. low bid to city to const. vit. sewers in Cumberland Rd., Elliott Place, etc.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—County declares inten. to imp. res. in Vista Del Encanto Tract, involy. 50 ft. paved Sts., 5 ft. walks, ornamen. street lighting system; water system; fire hydrants, etc. Est. cost \$185,000. S. G. Whittelsey, engineer, Pismo Beach. Hearing June 4. J. C. Driscoll, county clerk.

SACRAMENTO, Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, at \$502.50 awarded cont. by city to reconstruct round corner at 12th Ave. and Freeport Blvd.

GLENDALE, Los Angeles Co., Cal.—S. W. Gleim, 1611 Lake St., Glendale, at \$92,618 awarded cont. by city to const. vit. sewer in Cumberland Rd., etc.

WATSONVILLE, Santa Cruz Co., Cal.—City will start proceedings shortly to pave 19 blocks of Sts., including Lincoln St. from California to the Santa Cruz road; Jefferson St. from California to Stamford; Main St. from Sudden to Broadis; Madison from Lake Ave. to Palm; Van Ness from First to Front; Front St. from Van Ness to Main; Stamford from Lincoln to Madison; High from Lincoln to Madison; Elm from Marchant to Lincoln. H. B. Kitchen, city eng.

LOS ANGELES, Cal.—McGray Co., 4482 E. Worth St., Los Angeles, at \$373,223 awarded cont. by Bd. Pub. Wks. for mps. in Myler St. and St. St. Imp. Dist., involy. conc. pave, curbs, walks, etc.

SAN FRANCISCO.—Bids will be asked shortly by Board of Public Works to const. Great Highway from Lincoln Way to Shore Blvd. involy. an expenditure of \$15,000. Spec. are being completed by Bureau of Engineering, 3rd floor, City Hall.

PROCEEDINGS RESCIND

LOS ANGELES, Cal.—Proceedings for Sharon Ave. Storm Drain abandoned by the city council. The engineering department will proceed with a study of condition with a view toward the construction of proposed Section No. 6 July 1934. Section was previously estimated to cost \$2,000,000.

CALIFORNIA.—Arthur Jones, Montecito, Calif., at \$48,588.50 sub. low bid to B. P. Roads, Sheldon Bldg., San Francisco, to const. 2.72 mi. of Lassen Volcanic Nat'l Park Highway System from Sta. 210 plus 00 to Sta. 385

plus 00 of Section C, Route 1, involy. 6 cu. yds. clearing; 67,400 cu. yds. unclassified excavation; 100 cu. yds. excavation, unclassified for structures; 11,000 sta. yds. over-haul, 31 cu. yds. cement rubble masonry; 840 lin. ft. 18-in. and 366 lin. ft. 21-in. C.M.P. haul and place. Other bids: T. E. Connolly, San Francisco, \$65,583.00; Young Bros., Berkeley, \$81,551; Nate Loydace, Oakland, \$86,009.10; eng. est. \$71,279.50.

STOCKTON, San Joaquin Co., Cal.—Until May 28, 5 P. M., bids will be rec. by A. L. Banks, city clerk, (\$30) to imp. portions of Harding Way, involy. grade; conc. curbs, gutters, conc. walks; 2 1/2-in. cementing gravel base, 3 1/2-in. asph. conc. pave, with 1 1/2-in. asph. conc. pave. County Boundary Line Act 1911. County of San Joaquin and city of Stockton will each pay \$10,000 of total cost which is estimated at \$90,000. A. L. Banks, city clerk. Eugene D. Graham, county clerk. H. B. Hogan, Stockton city eng. F. E. Smith, San Joaquin county surveyor.

SAN FRANCISCO.—F. J. McHugh, 474 17th Ave., at \$21,268 sub. low bid to Bd. Pub. Wks. to const. 2x3-ft. reinf. conc. sewer in Wawona St. bet. 25th and 34th Aves. Other bids: C. C. W. Hamm, \$26,182.15; L. J. Cohn, \$28,541; C. B. Cowden \$29,001; E. J. Treacy, \$34,749.

CALIFORNIA.—T. E. Connolly, 461 Market St., San Francisco, at \$62,522.50 (eng. est. \$69,737.50) sub low bid to U. S. Bureau of Public Roads, Sheldon Bldg., San Francisco, to surface 9.15-mi. of Lassen Volcanic Nat'l Park Highway System from Sta. 0 plus 00 to Sta. 522 plus 25 on north portion of Route 1, involy. 500 cu. yds. unclassified borrow; 9.15 mi. fine

grading subgrade and shoulders; 14,500 cu. yds. crushed rock surfacing; 3450 cu. yd. mi. binder hauled over 500 ft.; provide and maintain watering plants; 97 M. gals watering; 1700 cu. yds. supplemental crushed rock. Tieslau Bros., Berkeley, at \$73,516.50, only other bidders.

PLACERVILLE, El Dorado Co., Cal.—Until June 4, 8 P. M., bids will be rec. by Ester H. Mahler, city clerk, to imp. various streets, bids to be considered under the following items: (1) 267,000 sq. ft. grading; (2) fur. 1809 tons road-rock or gravel for sub-base; (3) fur. 3700 tons broken stone for asph. macadam surface in place; (4) fur. 195 tons bituminous binder in place. Alternate Proposition. (5) substitute for asph. macadam surface, Port. cem. conc. on approx. 2,900 lin. ft. pavement where grades are 10% or steeper; (estimated quantity of cem. conc. is 380 cu. yds.); (6) substitute items 3 and 4, crushed rock and E grade asph. to const. 267,000 sq. ft. hot mixed bituminous conc. pave, 1 1/2-in. thick. Cert. check 10% payable to City Treasurer reg. with bid. Plans on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 21, 9 A. M., bids will be rec. by S. A. Evans, city clerk, to imp. intersection of North Branciforte Ave. and Berkeley Way and intersection of East Cliff Dr. and Book St., involy. 2000 sq. ft. grading to subgrade; 2000 sq. ft. 5-in. conc. pave; 555 sq. ft. cem. conc. walks; 80 lin. ft. cem. conc. curb; 1 catchbasin; 30 lin. ft. part circle corr. metal culvert. Cert. check 10% payable to city reg. with bid. Plans on file in office of clerk. Roy Fowler, city engineer.

MEDUSA

White Portland Cement

(WATERPROOFED)

ONE of the real beauties about Medusa White Portland Cement is the fact that it is the perfect base for color stucco work. Colored aggregates or mineral oxides can be used. The Medusa White Stucco home in a properly-landscaped setting is a picture that grows more beautiful through the years—a lasting tribute to you, its builder.

THE SANDUSKY CEMENT COMPANY ENGINEERS' BUILDING CLEVELAND, OHIO

Manufacturers of Medusa White Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa Gray Portland Cement (Plain and Waterproofed); and Medusa Cement Paint.

Secure MEDUSA From Your Building Material Dealer

GEO. L. BROWN
Pacific Coast
Representative



Builders' Exchange
Box 82

Official Proposals

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, at Redding, California, until 2:00 P. M., Monday, May 21, 1928, at which time they will be publicly opened and read, for performing work as follows:

The erection and completion of a foreman's cottage, bunkhouse, truckshed, blacksmith shop, woodshed, oil house and septic tank at the Ft. Goff Creek Maintenance Yard in Siskiyou County.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10%) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS, DIVISION OF HIGHWAYS,

C. H. PURCELL,

State Highway Engineer.

By H. S. COMLY,

District Engineer, Dist. II

Dated: May 2, 1928.

(D)

NOTICE TO CONTRACTORS

(Fair Buildings—Siskiyou County)

Construction of Grand Stand, Dance Hall and Exhibit Rooms for the 10th District Agricultural Association, on the Siskiyou County Fair Grounds Near Yreka, California.

Pursuant to the order of the Board of Supervisors of the County of Siskiyou, State of California, notice is hereby given that sealed bids will be received by W. J. Neilon, the Clerk of said Board of Supervisors, at his office in the Hall of Records in Yreka, said County and State, until ten o'clock A. M. of Monday, June 4th, 1928, for the erection and completion of a Grand Stand, Dance Hall and Exhibit Rooms, on the Siskiyou County Fair Grounds near Yreka, for the 10th District Agricultural Association of California, in accordance with the amended plans and specifications regularly adopted therefor by said Board of Supervisors on May 7th, 1928.

Plans and specifications can be seen during office hours at the office of J. P. Churchill, the Secretary of the said Fair Association in Yreka, California, and copies thereof may be obtained from said J. P. Churchill, Secretary of said fair association. A cash deposit of \$10 will be required from all prospective bidders on all copies of plans and specifications loaned out as a guarantee of the return of the same.

All bids shall be prepared on blank form which may be procured from the Secretary of said Fair Association.

Each bid must be accompanied by a certified check on some responsible bank for a sum not less than ten per centum of the amount of the bid, made payable to W. J. Neilon, Clerk of said Board of Supervisors, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days, after the award is made enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement, or to furnish said bonds, said check will be forfeited to Siskiyou County in the man-

ner provided by law. The Board of Supervisors will not accept a bidder's bond in lieu of a certified check.

Each bid must be enclosed in a sealed envelope and addressed to W. J. Neilon, Clerk of the Board of Supervisors, Yreka, California, and endorsed "Proposals for building, Grand Stand, etc."

The Board expressly reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Siskiyou, State of Calif.

Dated May 8th, 1928.

(SEAL)

WILLIAM R. LEE,

Chairman.

W. J. NEILON,

Clerk.

(D)

NOTICE TO BIDDERS

(Centrifugal Pump—Corcoran, Calif.)

Notice is hereby given that sealed bids will be received by the City Clerk of the City of Corcoran, County of Kings, State of California, at the City Hall in the City of Corcoran, County and State above mentioned up to and until 8 o'clock P. M., May 21, 1928, for furnishing the said City of Corcoran the following described material:

One vertical 3 inch centrifugal sewage pump of 450 gallons capacity per minute, to be installed in a wet pit. 20 ft. shafting and column. One 5 H. P. ball-bearing motor, 3 phase, 220 volt, 60 cycle. Successful bidder to install pump.

Each bid must be accompanied by a certified or cashier's check in a sum not less than 10% of the amount bid, payable to the City of Corcoran as evidence of good faith on the part of the bidder.

The City Council reserves the right to reject any or all bids, or to accept the bid considered by them best for the said City of Corcoran.

Corcoran, California, May 8, 1928.

JAS. C. CONDON,

Clerk of the City of Corcoran, County of Kings, State of California.

(D)

NOTICE TO BIDDERS

(Tractor and Road Maintainer—Madera County)

Notice is hereby given that pursuant to an order of the Board of Supervisors made and entered in its minutes on the 7th day of May, 1928, sealed bids will be received by said Board at their office in the Court House, in the City of Madera, State of California, up to June 4th, 1928, at 10 o'clock A. M., for the following equipment:

1. New "Caterpillar" Thirty Tractor equipped with track links, drop forged steel, heat treated; 4-cylinder; motor-speed 850 R. P. M.; draw bar H. P. 25. Tractor must be furnished with canopy top, and with seat on top. Delivered f. o. b. Friant, California, also

1 New No. 6 Adams One-Man Road Maintainer, f. o. b. Friant, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

All bids must be sealed and addressed to L. W. Cooper, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Madera, State of California, delivered and filed with said Clerk prior to the 4th day of June, 1928, at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

Dated: May 7th, 1928.

L. W. COOPER,

County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, California.

(Seal.)

(D)

NOTICE TO CONTRACTORS

(Additions, Etc.—Kern County Union High School District.)

Notice is hereby given that sealed bids will be received by the Board of Trustees, Kern County Union High School District, Bakersfield, California, up to 7:30 P. M. of June 11, 1928, for furnishing of materials and labor necessary for the erection and completion of Section One of Auditorium and Classroom building and additions to Shops Building, Kern County Union High School, Bakersfield, California, in accordance with plans and specifications for same prepared by Charles H. Biggar, Architect, 405-6 Bank of Italy Building, Bakersfield, California.

Bids will be received separately or as a whole, segregated in accordance with bid form furnished by Architect and on such bids form only.

Plans and specifications for said buildings may be obtained by general contractors and subcontractors for plumbing, electric work and heating and ventilating at the office of the Architect upon deposit of Twenty-five Dollars (\$25.00), which will be returned upon receipt of the said plans and specifications in good order at the time designated by the Architect.

A certified check or bidder's bond in the amount of ten per cent (10%) of amount bid must be furnished, payable to the order of the Clerk of the Board of Trustees, as evidence of good faith and that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient Surety Company bonds therefor. Personal bonds will not be accepted.

The Board of Trustees reserves the right to reject any and all bids not deemed advantageous to the District and to waive any informality in any bid received.

By order of the Board of Trustees of the Kern County Union High School District, Bakersfield, California, made May 8, 1928.

BOYCE R. FITZGERALD,

President.

D. E. Urner, Clerk.

(D)

NOTICE TO BIDDERS

(Supplies and Equipment—Richmond, Calif.)

Sealed bids are hereby invited and will be received by the High School Board of the Richmond Union High School District at its office in the Lincoln School, 235 Tenth Street, Richmond, California, up to and including the hour of 10:00 A. M. of Friday, May 25, 1928, at which time and place said bids will be opened, for furnishing and supplying certain articles of Machinery, Filing Cases, Supplies, Venetian Blinds and Window Shades for the new High School at 23rd and Tulare Streets, Richmond, California, as enumerated in specifications adopted by this Board and on file in its office. Specifications may be obtained at the office of the Board in the Lincoln School.

The Board reserves the right to reject any or all bids.

By order of the High School Board.

W. T. HELMS,
Secretary.

NOTICE TO BIDDERS

(Two Water Tanks—San Mateo)

NOTICE IS HEREBY GIVEN that sealed bids or proposals will be received by the City Council of the City of San Mateo up to Monday, May 21, 1928, at eight (8) o'clock P. M., for the furnishing of all materials and the construction of two (2) twenty thousand (20,000) gallon water tanks and replacement of the deck on the present tower in the City Park in the City of San Mateo, Calif.

Bids are to include the removal of the present old tanks and decking, which is to become the property of the City, and to be piled along side the site of construction.

Specifications for the work are on file in the office of the City Manager of the City of San Mateo.

A certified check of ten (10%) per cent of the bid must accompany the same.

Payment for the work will be made within thirty (30) days of completion and acceptance.

Bid to be made on form provided in the specifications.

The City Council reserves the right to reject any or all bids.

By order of said Council.

DATED: San Mateo, California, May 9, 1928.

E. W. FOSTER,
City Clerk and ex-officio Clerk of the City Council of the City of San Mateo

37

(D)

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Bank of Italy Building, Eureka, California, until 10 A. M., May 24, 1928, at which time they will be publicly opened and read, for performing work as follows:

For the furnishing of crushed gravel or stone graded from three-quarters inch (¾-in.) to three-eighths inch (⅜-in.) in designated stock piles along approximately 51.5 miles of State Highway in the Counties of Humboldt and Mendocino between Myers and Laytonville. (I-Mend-Humb-1-J, K, A, B, C).

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such quantity to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,

C. H. PURCELL,
State Highway Engineer.

By I. G. THOMAS,
Asst. District Engineer, Dist. I

Dated: May 10, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M. on June 6, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Shasta County, between Shotgun Creek and Conant (H-Sha-3-D), about 1.5 and eight-tenths (.8) miles in length to be graded and surfaced with crushed gravel or stone.

Placer and Nevada Counties, between Big Bend and Soda Springs (H-Pla-Nev-3-F-B), about even and four-tenths (.4) miles in length, to be graded and

surfaced with oil treated crushed gravel or stone.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.
Dated: May 9, 1928.

NOTICE TO BIDDERS

(Bulkhead—Crissy Field)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M., May 28, 1928, for construction of Timber Bulkhead at Crissy Field, Calif. Information on application.

37

(D)

NOTICE TO CONTRACTORS

(Headquarters Building—Kern County Airport)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors, of the County of Kern, State of California, up to 11 A. M., of June 4, 1928, for furnishing of materials and labor necessary for the erection and completion of the Headquarters Building, Kern County Airport, Bakersfield, California, in accordance with plans and specifications for same prepared by Chas. H. Biggar, Architect, 405-6 Bank of Italy Bldg., Bakersfield, California.

Plans and specifications of same may be obtained at the Office of the Architect upon deposit of Ten Dollars (\$10.00), which will be returned upon receipt of the said plans and specifications in good order at the time designated by Architect.

Bid forms will be furnished by the Architect.

A certified check or bidder's bond in the amount of ten per cent (10%) of amount bid must be furnished, payable to the order of the Clerk of the Board of Supervisors as evidence of good faith and that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient Surety Company bonds, therefore. Personal bonds will not be accepted.

The Board of Supervisors reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted May 8, 1928.

F. E. SMITH,
County Clerk and Ex-officio Clerk of the Board of Supervisors.

(D)

NOTICE TO BIDDERS

(Additions to Library—Lodi)

The City Council of the City of Lodi invites sealed proposals for the general contract to erect additions to and make alterations in the Carnegie Library of said City, all proposals to be submitted

must accord with the specifications and must be delivered to the City Clerk in his office in the City Hall at Lodi on or before 5 o'clock P. M. of Monday, June 4, 1928. Bidding deposit in the amount of 10% of the total amount bid must accompany each proposal, this deposit may be cash, certified check, certificate of deposit or bidder's bond, check to be made payable to the City Clerk. Proposals will be publicly opened before the City Council in the Council Chambers immediately after 8 o'clock P. M. of June 4th, 1928.

Plans and specifications may be had on application to the undersigned or to the architects, Davis-Pearce Company Builders' Building, Stockton, California and by depositing \$25.00 on each set of plans taken out.

Address all proposals to City Council City of Lodi, care City Clerk, City Hall and plainly mark outside of envelope "Proposal On Library Additions."

The City Council reserves the right to reject any and all proposals received.
J. F. BLAKELY, City Clerk.

(D)

ADVERTISEMENT

SEALED BIDS, in triplicate, subject to the conditions contained herein will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11 A. M. June 5, 1928, and then publicly opened, for furnishing all labor and materials and performing all work for Infirmary Building No. 1, including roads, walks and drainage at U. S. Veterans' Hospital, Fargo, North Dakota. This work will include excavating, reinforced concrete construction, hollow tile, brickwork, cast stone, marble work, floor and wall tile, linoleum, rubber tile, iron work, steel sash, iron stairs with slate treads, fire escapes, built-up roofing, roof ventilators, metal lathing, plastering, carpentry, dumb-waiter, metal weather strips, insect screens, painting, glazing, hardware, plumbing, heating, including boiler plant equipment, electrical work, electric elevator, radial brick or concrete chimney and outside sewer, water and electric distribution systems. Separate bids will be received for electric elevator. Bids will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards, the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C. Deposit with application of a check or postal money order for \$25.00 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of drawings and specifications within ten days after date of opening bids.

FRANK T. HINES,
Director.
May 12, 1928.

State Board of Control has voted to approve legislation awarding \$15,000 damage to the Terra Cotta Products Company of Rio Vista, on claims that its plant was injured to that extent through dredging operations at the mouth of the Sacramento river. The company contended that soft slush taken from the river and deposited on spoils area back of its plant weakened the clay beds beneath it and caused the plant to sink several inches. This not only damaged the buildings but also ruined the machinery.

The ratio of the operations to the capacity of the American portland cement industry during the month of April was 70 per cent, according to figures released by the Bureau of Mines of the Department of Commerce. During the month 13,468,000 barrels were produced, 13,307,000 barrels were shipped, and there were in stocks on hand at the end of the month 27,605,000 barrels. Production in April, 1928, at 4.1 per cent less, and shipments about 7.3 per cent less, than in April, 1927. Stocks at the mills were 16.7 per cent higher than a year ago.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1194	Berendson	Owner	4000
1195	Friend	Owner	6750
1196	Friend	Owner	12000
1197	Joy	Joy	8000
1198	Jeffers	Owner	24000
1199	Mohr's	Owner	10500
1200	Stahl	Owner	5000
1201	Anderson	Owner	5000
1202	Associated	Owner	1600
1203	Bareini	Hummer	1000
1204	Boscacci	Hummer	1000
1205	Capella	Owner	3000
1206	Christensen	Owner	4000
1207	Hill	Owner	7000
1208	Holmes	Owner	7000
1209	Kronquist	Owner	28000
1210	Meyer	Owner	4000
1211	Same	Same	4000
1212	Scoble	Owner	14000
1213	Tamany	Byrne	1000
1214	Arnott	Arnott	5000
1215	Arnott	Arnott	5000
1216	Brocato	Robinson	8000
1217	Dipiano	Owner	15000
1218	Frugoli	Owner	9500
1219	Harris	Owner	100000
1220	Neil	Owner	6000
1221	Trombino	Cook	4000
1222	Morris	Owner	4500
1223	Leonard	Lindson	3000
1224	Ames	Michel	16000
1225	Morris	Owner	12000
1226	Same	Same	4500
1227	Ran	Hensel	—
1228	R C Archbishop	Scully	46000
1229	Chiappari	Lindgren	8000
1230	Comptons	O'Neill	1000
1231	Doherty	Sullivan	5000
1232	Ganz	Jacks	10500
1233	Graham	Owner	1000
1234	Herzig	Owner	4000
1235	Hunter	Lindgren	20000
1236	Johnson	Owner	6000
1237	La Berbera	Strong	1000
1238	Lindsay	Owner	4000
1239	Same	Owner	4000
1240	McClousky	Little	1000
1241	Olson	Owner	3000
1242	Old	Owner	5500
1243	Prince	Hamill	1000
1244	Scott	Lindgren	3000
1245	Stanley	Owner	5000
1246	Allred	Owner	6000
1147	Besio	Owner	8000
1248	Doyle	Bernhardt	7000
1249	Capitan	Brumfield	1900
1250	Ford	Callero	7000
1251	Heidelberg	Hamill	6000
1252	Lindsay	Lindsay	25000
1253	Levin	Owner	20000
1254	Meinn	Thulin	1425
1255	Meyer	Owner	8000
1256	Martin	Axdal	3000
1257	Martin	Owner	4900
1258	Newman	Taylor	15000
1259	Peters	Carson	1500
1260	Presidio	Robert	4000
1261	St. Mary's	Johnson	5000
1262	St. Mary's	Johnson	6000
1263	Steinberg	Owner	10000
1264	Sharp	Ingraham	2250
1265	Veyhle	Owner	7000

DWELLINGS

(1194) W JOYCE 57.6 and 77.6 N Sacramento; two 1-story and basement concrete dwellings.
Owner—Julius Berendson, 1352 Irving St.
Architect—J. C. Hladik, Monadnock Bldg.
\$3,500 each

RECONSTRUCT STORE

(1195) 1270 GOLDEN GATE AVE.; reconstruct store front, erect new partitions and alter store and apts.
Owner—Harry Fried, % architect.
Architect—O. R. Thayer, 110 Sutter St.
\$6,750

DWELLING

(1196) N CLAY ST. 112.6 W SPRUCE; 2-story, basement and attic frame dwelling.

Owner—Helen G. Friend, % architect.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg.
\$12,000

DWELLINGS

(1197) E 30th AVE 150 and 175 N Taraval; two 1-story and basement frame dwellings.
Owner—J. H. Joy, 1152 Irving St.
Architect—None.
Contractor—J. H. Joy, 1152 Irving St.
\$4,000 each

DWELLINGS

(1198) W 25th AVE 25, 50, 75, 100, 125 and 150 S Ulloa; six 1-story and basement frame dwellings.
Owner—W. W. Jeffers, 5106 Mission St.
Architect—None.
\$4,000 each

DWELLINGS

(1199) W RAE 26, 51 and 76 N WHIPPLE; three 1-story and basement frame dwellings.
Owner—Mohr's Inc., 116 Ninth St.
Architect—None.
\$3,500 each

DWELLING

(1200) W 40th AVE 175 N FULTON ST. 1-story and basement frame dwelling.
Owner—Earl Stahl, 339 17th Ave.
Architect—W. A. Doctor, 800 Ulloa St.
\$5,000

DWELLING

(1201) W WAWONA 152 S Ulloa. One-story and basement frame dwelling.
Owner—C. Andersen, 150 Granville Way, San Francisco.
Architect—None.
\$5000

STATION

(1202) SE PORTOLA AND TERESITA. One-story concrete oil station.
Owner—Associated Oil Co. 79 New Montgomery St., San Francisco.
Architect—None.
\$1600

ALTERATIONS

(1203) NO. 467 CHARTER OAK AVE. Move and alter dwelling.
Owner—Virginia Boreini, Premises.
Architect—None.
Contractor—William T. Hummer, 5811 Mission St., San Francisco
\$1900

ALTERATIONS

(1204) NO. 461 CHARTER OAK AVE. Move and alter dwelling.
Owner—M. Boscacci, Premises.
Architect—None.
Contractor—William T. Hummer, 5811 Mission St., San Francisco.
\$1000

DWELLING

(1205) N NINETEENTH 100 E Arkansas. One-story and basement frame dwelling.
Owner—Charles Capella, 415 Mississippi St., San Francisco.
Architect—None.
\$3000

DWELLING

(1206) E TWENTY-FIRST AVE 100 N Moraga. One-story and basement frame dwelling.

Capital City Title Company

J. C. PALEN
Manager

914 Seventh Street
Sacramento - California

Owner—Herman Christensen, 1341 Valencia St., San Francisco.
Architect—None.
\$4000

DWELLINGS

(1207) W PRAGUE 100 and 125 S Russia Ave. Two one-story and basement frame dwellings.
Owner—Robert R. Hill, 627 London St., San Francisco.
Architect—None.
\$3500 each

DWELLING

(1208) E ROSEMONT 100 N Fourteenth. Two-story and basement frame dwelling.
Owner—John Holmes, 45 Newton St., San Francisco.
Architect—None.
\$7000

DWELLINGS

(1209) W TWENTY-FIFTH AVE 125, 150, 175, 200, 225, 250, 275 and 300 S Moraga. Eight one-story and basement frame dwellings.
Owner—A. J. Kronquist, 1311 Moraga St., San Francisco.
Architect—None.
\$3500 each

DWELLING

(1210) SE FORTY-SECOND AVE AND Clement. One-story and basement frame dwellings.
Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None.
\$4000

DWELLING

(1211) E FORTY-SECOND AVE 23-9 S Clement. One-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive, San Francisco.
Architect—None.
\$4000

APARTMENTS

(1212) N JEFFERSON 818.32 W Divisadero. Three-story and basement frame (6) apartments.
Owner—Thomas Scoble, 336 Kearny St., San Francisco.
Architect—Edward E. Young, 2002 California St., San Francisco.
\$14,000

REPAIRS

(1213) NO. 1301 HARVARD. Repair fire damage.
Owner—John Tamany, 29 29th St., San Francisco.
Architect—None.
Contractor—W. Bryne, 146 Highland Ave., San Francisco.
\$1000

DWELLING

(1214) W 15th AVE 250 N SANTIAGO; 1-story and basement frame dwelling.
Architect—None.
Owner—Jas. A. Arnott, 633 Taraval.
Contractor—Jas. A. Arnott and Son, 633 Taraval.
\$5,000

DWELLING

(1215) E 16th AVE 80 N SANTIAGO; 1-story and basement dwelling.
Owner—Jas. A. Arnott, 633 Taraval.
Architect—None.
Contractor—Jas. A. Arnott and Son, 633 Taraval.
\$5,000

DWELLING

(1216) N CHESTNUT 181 W BAKER; 2-story and basement frame dwelling.
Owner—J. M. Brocato, 2328 Fillmore.
Architect—None.
Contractor—Robinson and Johnston, 871 31st Ave.
\$8,000

APARTMENTS

(1217) W JONES ST 120 N FILBERT; 2-story and basement frame (3) apts.
Owner—Frank Diplano, 886 Greenwich St.
Architect—J. A. Porporata, 617 Washington St.
\$15,000

FLATS

(1218) SW CERVANTES 200 SE BEACH. 2-story and basement frame (2) flats.
Owner—Mae Frugoli, 2162 Union St.
Architect—None.
\$9,500

APARTMENTS

1. HAYES & STANYAN, 6-story
cond. frame dwlg. 691-618.
Owner—Hayes & Stanyan, 1185 N. 4th Ave.,
San Francisco. \$100,000

DWELLINGS

1. N. PINEHURST 155 and 180 E
Kenwood. One-story and basement
frame dwlg. 691-618.
Owner—G. W. Morris, 1185 Capitol Ave.,
San Francisco. \$2,000 each

FLATS

1. W. CAPITOL 100 S. Barralones.
Two-story frame store and flat
dwlg. 691-618.
Owner—Frank Tremblay, 9. Contractor,
Architect—None.
Contractor—J. W. Cook, 2173 Grove St.,
San Francisco. \$4000

DWELLING

1. N. PINEHURST 210 W. Kenwood.
One-story and basement frame dwlg.
Owner—G. W. Morris, 1185 Capitol Ave.,
San Francisco. \$4500
Architect—D. E. Jackle, 395 Justin Dr.,
San Francisco.

DWELLING

1. E. OXFORD 175 N. Silliman. One-
story and basement frame dwelling.
Owner—Jerome Leonard, 1311 Valencia
St., San Francisco.
Architect—None.
Contractor—Boyd C. Lindson, 183 Oxford
St., San Francisco. \$3000

SHOP

1. HOOPER bet. Seventh and Eighth.
One-story steel sheet metal shop.
Owner—W. R. Ames Co., 450 Irwin St.,
San Francisco.
Architect—None.
Contractor—Michel & Pfeffer Iron Wks.,
1415 Harrison St., San Francisco. \$16,000

DWELLINGS

1. N. PINEHURST 50, 90 and 130
W. Kenwood. Three one-story and
basement frame dwellings.
Owner—G. W. Morris, 1185 Capitol Ave.,
San Francisco.
Architect—D. E. Jackle, 395 Justin Dr.,
San Francisco. \$4000 each

1. N. PINEHURST 170 W. Kenwood.
One-story and basement frame dwlg.
Owner—G. W. Morris, 1185 Capitol Ave.,
San Francisco.
Architect—D. E. Jackle, 395 Justin Dr.,
San Francisco. \$4500

BUILDING

1. NE SHIPLEY 225 SE Fifth St.
One-story frame building.
Owner—Samuel Kun, 234 5th St., San
Francisco.
Architect—J. B. Hensel, 184 6th St., San
Francisco.
Contractor—J. B. Hensel, 181 6th St., San
Francisco. \$—

SCHOOL

1. S. BROADWAY 70 E. Franklin.
Three-story and basement reinforced
concrete school.
Owner—Roman Catholic Archbishop of
San Francisco, 1000 Fulton St., San
Francisco.
Architect—H. A. Minton, Bank of Italy
Bldg., San Francisco.
Contractor—J. E. Scully, 401 Phelan
Bldg., San Francisco. \$46,000

UNDERPINNING

1. BUSH 137-6 E. Powell. Under-
pinning wall of apartments.
Owner—G. Chiappari and M. Baldocchi,
7. Architect.
Architect—J. A. Porporato, 619 Wash-
ington St., San Francisco.
Contractor—Lindgren & Swinerton, 225
Bush St., San Francisco. \$8000

ALTERATION

1. E. POWELL ST. Alter window
and remove partitions.
Owner—Gene Crompton's Inc., 15 Powell
Street.
Architect—None.
Contractor—Daniel O'Neill, 273 Minna
Street. \$1000

DWELLING

1. HARRISON 220 N. 26th St.
One-story and basement frame
dwelling.
Owner—E. Dougherty, 2867 Har-
rison St., San Francisco.
Architect—None.
Contractor—D. S. Ryan, 569 Hamp-
den St., San Francisco. \$5000

ALTAD DWELLING

1. NW CHERRY and Washington.
Alter and remodel third story of dwell-
ing.
Owner—Frederick Ganz, care architect
Architect—S. L. Hyman and A. Apple-
ton, 68 Post St.
Contractor—Jacks and Irvine, 74 New
Montgomery St. \$10,500

GARAGE

1. N. GEARY ST., 50 W. 42nd Ave.
One-story frame private garage.
Owner—Mrs. Ella C. Graham, 2002 Cal-
ifornia St.
Architect—Edward E. Young, 2002 Cal-
ifornia St. \$1000

DWELLING

1. W. ALVISO 350 S. Urbano. One-
story and basement frame dwelling.
Owner—A. J. Herzog, 635 Victoria St.
Architect—D. E. Jackle, 395 Justin
Drive. \$4000

EXCAVATION BLDG.

1. N. SUTTER 137.6 E. Powell St.
Excavation for 26-story building.
Owner—Four Fifty Sutter Co., Hunter-
Dulin Bldg.
Architect—Miller and Pfeuger, Finance
Building
Contractor—Lindgren and Swinerton,
Standard Oil Bldg. \$20,000

DWELLING

1. N. ENTRADA COURT 300 W.
Borica. Two-story and basement
frame dwelling.
Owner—Albert Johnson, 157 Bartlett St.
Architect—None. \$6000

UNDERPIN DWELL.

1. S. PRECITA 50 E. Harrison.
Underpin dwelling and alter same.
Owner—Sam La Berbera, 386 Precita.
Architect—None.
Contractor—Harry W. Strong, 115 Cen-
tral Ave. \$1000

DWELLING

1. NW LONDON 250 NE Italy.
One-story and basement frame dwell-
ing.
Owner—Lindsay Const. Co., 550 Joost Ave.
Architect—None. \$4000

DWELLING

1. NW LONDON 275 NE Italy.
One-story and basement frame dwelling
550 Joost Ave.
Architect—None. \$4000

ADDITION

1. 470 THIRTY-FOURTH AVE.
Add sun room to flats.
Owner—Miss Lulu E. McClosky, 470
34th Ave.
Architect—None.
Contractor—John Little and Son, 40
Buchanan St. \$1000

DWELLING

1. W. VICTORIA ST., 315 S. Hol-
loway. One-story and basement
frame dwelling.
Owner—C. Olson, 146 Ashton Ave.
Architect—None. \$3000

DWELLING

1. 1650 TWENTY-FIRST AVE. 2-
story and basement frame dwelling
Owner—John Old.
Architect—L. A. Blecher, 2828 Pierce
St. \$5,500

REPAIR

1. 215 CAMINO DEL MAR. Re-
pair fire damage.
Owner—Wm. Prince, 215 Camino Del
Mar.
Architect—None.
Contractor—Thos. Hamill Bldg. Co., 6242
Geary St. \$1000

UNDERPINNING

1. S. BUSH 215 E. Powell. Under-
pinning wall of apt. house.
Owner—Scott and Van Arsdale, Crocker
Building.
Architect—None.
Contractor—Lindgren and Swinerton,
225 Bush St. \$3000

DWELLING

1. NW OCEAN and San Leandro.
One-story and basement frame
dwelling.
Owner—Geo. W. Stanley, 467 Turk St.
Architect—H. G. Stoner, 810 Ulloa St.
\$5000

DWELLING

1. SW ROSEWOOD and RAVEN-
wood. 2-story and basement frame
dwelling.
Owner—C. S. Allred, 391 Ashton Ave.
Architect—None. \$6000

DWELLINGS

1. MOSCOW & PERSIA, E. Moscow.
25 N. Persia; two 1-story and basement
frame dwellings.
Owner—Lorenzo Besio, 439 Lisbon St.
Architect—None. \$4,000 each

FLATS

1. N. VALLEY bet. Sanchez and
Church; 2-story and basement frame
(2) flats.
Owner—Augustas and Elizabeth Doyle,
226 Valley St.
Architect—None.
Contractor—Albert Bernhardt, 2406 32nd
Ave. \$7,000

ELECTRIC SIGN

1. 20th & MISSION STS.; install
vertical electric sign.
Owner—El Capitan Theatre, 20th and
Mission Sts.
Architect—None.
Contractor—Brumfield Elec. Sign Co., 965
Folsom St. \$1900

DWELLINGS

1. W. DANTON 125 and 175 N. Cayu-
ga St.; two 1-story and basement
frame dwellings.
Owner—R. A. Ford, 27 Danton St.
Architect—Thomas Bros., 142 Sansome.
Contractor—Frank J. Callero, 4267 Mis-
sion St. \$3500 each

DWELLING

1. E. KEARNY 68.9 N. LOMBARD;
2-story and basement frame dwelling.
Owner—Henry Heidelberg, Room 206, City
Hall.
Architect—Gerald J. Fitzgerald, 60 San-
some St.
Contractor—Thos. Hamill, Geary and 27th
Ave. \$6000

APARTMENTS

1. DUBOCE 100 W. VALENCIA;
3-story and basement frame (15) apts.
Owner—R. F. Lindsay, 550 Joost Ave.
Architect—Irvine and Ebbets, New Call
Bldg.
Contractor—Lindsay Const. Co., 550 Joost
Ave. \$25,000

ALTER, REMODEL

1. NW BROADWAY & POLK; to
revise, alter, remodel, and build ad-
ditions to present one-story garage
and store bldg.
Owner—Samuel H. Levin, Inc., Marshall
Square Bldg.
Architect—Albert H. Larsen, 447 Sutter
St. \$20,000

REPAIR FIRE DAMAGE

1. 1338 THOMAS AVE.; repair fire
damage.
Owner—Mrs. Mein, 69 Brady.
Architect—None.
Contractor—A. L. Thulin, 60 Brady St.
\$1425

DWELLINGS

1. W. 21st AVE 75 and 100 N. WA-
WONA; two 1-story and basement
frame dwellings.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None. \$4000 each

DWELLING

1. FLOURNOY 330 W. RHINE; 1-
story and basement frame dwelling
Owner—B. Martin, 12 Porter St.
Architect—None.
Contractor—O. Axdal, 206 Howth St.
\$3000

DWELLING

1. W. 23rd AVE 125 N. MORAGA; 1-
story and basement frame dwelling.
Owner—J. J. Martin, 2435 Bush St.
Architect—Owner. \$4,000

DWELLING

1. NW JACKSON & MAPLE; 2-
story and basement frame dwelling.
Owner—E. S. Newman, 1800 Claus
Spreckels Bldg.
Contractor—Taylor & Jackson, 290 Te-
hama St. \$15,000

ALTER & REMODEL

1. 2012 FILLMORE ST.; alter and
remodel grocery store.
Owner—H. Peters, 805 Pacific Bldg.
Architect—None.
Contractor—Otto Carson, Builders' Ex-
change. \$1500

aturday, May 19, 1928

ALTER & REMODEL
(260) **WESTERN EXTREMITY** o' Presidio Terrace about 300 S Arguello; alter and remodel social hall, install checkers, and remodel country club.
Owner—Presidio Golf Club.
Architect—J. I. Rankin, 57 Post St.
Contractor—Robert, Hogg and Trump, 1175 O'Farrell St. \$400.

DWELLING
(261) **SW MURRAY & JUSTIN**; 1-story and basement frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jaekle, 395 Justin Drive.
Contractor—A. R. Johnson, 3901 Mission St. \$600.

DWELLING
(262) **NE BENTON & JUSTIN DRIVE**; 1-story frame dwelling.
Owner—St. Mary's Park, 3901 Mission St.
Architect—D. E. Jaekle, 395 Justin Drive.
Contractor—A. R. Johnson, 3901 Mission St. \$600.

WAREHOUSE
(263) **SE WILLIAMS & PHELPS**; 1-story and mezzanine floor reinforced concrete warehouse.
Owner—H. Steinberg, 3755 Jackson St.
Architect—None. \$13,960

ALTER & INSTALL
(264) 466 40th AVE.; alter residence and install new store.
Owner—W. E. Sharp, 466 40th Ave.
Architect—None.
Contractor—M. C. Ingraham, 1925 Leavenworth. \$2250

DWELLINGS
(265) E 30th AVE 200 and 225 S JUDAH; two 1-story and basement frame dwellings.
Owner—Albert Veynle, 1230 26th Ave. \$3500 each
Architect—None.

Filed May 14, 1928. Dated May 11, 1928.
Payments of actual amount paid out to be made on 1st of each month.
Balance 35 days after.
TOTAL COST, \$12,000. Contractor to receive \$1,334.10.
Bond, \$6,670.50; sureties, Geo. T. Beck, Geo. F. Deming; forfeit, limit, none; plans and spec. filed.

SCHOOL BLDG.
(196) **BROADWAY** bet. Van Ness Ave. and Franklin; all work except painting shades and linoleum for school building.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—H. A. Minton, Underwood Bldg., San Francisco.
Contractor—J. E. Scully, Phelan Bldg., San Francisco.
Filed May 14, 1928. Dated, May 9, 1928.
Payments of 75% on 1st of each month 25% 33 days after.
TOTAL COST, \$46,200
Bond, sureties, forfeit, none; limit, Aug. 15, 1928; plans and spec. filed.

RESIDENCE
(197) **NW JACKSON AND MAPLE W** 60 N 133 m or l NE 60-2 1/4 m or l S 142-2 1/4 m or l to beg. All work except plumbing, heating, electrica work, light fixtures and window shades for two-story and basement frame residence.
Owner—E. S. Newman, 171 Commonwealth Ave., San Francisco.
Architect—George A. Applegarth, 1800 Claus Spreckels Bldg., San Francisco
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.
Filed May 16, '28. Dated May 8, '28.
Owner to pay contractor money advanced for labor and materials as work progresses and in addition contractor to receive \$500 on approval of 1st monthly statement and \$500 on each of 3 succeeding statements.

On completion \$2000
TOTAL COST not to exceed \$46,000
Bond, none. Limit, 190 days. Forfeit, none. Plans and specifications filed.
NOTE:—Contract to receive \$4000.

RESIDENCE
(198) **N CLAY 112-6 W Spruce W 25x N 100 WA 835.** All work except plumbing, painting, electric work, heating and hardware for two-story frame residence.
Owner—Helen G. Friend.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—Issac Penny, 690 Market St., San Francisco.
Filed May 16, '28. Dated May 10, '28.

Roof on \$1,873
Plaster completed 1,873
Standing finish & mill work on 1,873
Completed and accepted 1,873.50
25 days after 2,491
TOTAL COST \$9990
Bond, sureties, forfeit, none; limit, 90 days; plans and spec. filed.

(199) **PLUMBING, GAS FITTING AND** electric work on above.
Contractor—Frank J. Klimm Co., 456 Ellis St., San Francisco.
Filed May 16, 1928. Dated May 10, 1928.
Roughed in \$590
Completed and accepted 523
35 days after 56
TOTAL COST, \$1365
Bond, sureties, forfeit, none; limit, without delay; plans and spec. filed.

May 9, 1928—**W FUNSTON AVE 254-2 S Santiago S alg Funston Ave 30-10 x W 120.** Albert E Clifford to Arvid Peterson.....May 8, 1928
May 9, 1928—**SW COR BRUNSWICK & Curtis S alg Curtis 25 x W alg Brunswick 90.** Gus G Johnson to whom it may concern.....May 9, 1928
May 9, 1928—**LOTS 20, 31 Blk 3267 and lot 24 and ptn lot 25 blk 3262 Balboa Terrace.** Ernest C. and Oscar M. Hueter to W. C. Zwieg.....May 7, 1928
May 10, 1928—**W 18th AVE. 150 N ORTEGA N 25 x W 120.** Alfred H. Ohlsen to whom it may concern.....April 19, 1928

May 10, 1928—**BLK 2960 SUBDIV. No. 4, Miraloma Park, blk 3011 lot 73 Monterey Heights.** Meyer Bros. to whom it may concern.....May 8, 1928
May 10, 1928—**COMG AT PT ON NW Cayuga Ave dist 495.826 SW from SW Santa Rosa Ave SW alg Cayuga Ave 25 NW 110.136 to NW line lot 33 blk E Mission Terrace NE alg said line lot 23, 25 m or l to line drawn at right angles to NW Cayuga Ave from pt of beg SE alg line so drawn 110.122 to beg ptn blk K Bernal Tract and ptn lot 33 blk E Mission Terrace.** The McCarthy Co. to James Arnott & Son.....May 8, 1928

May 10, 1928—**LOT 25 BLK 3077 Monterey Heights.** A. J. Wilbe to whom it may concern.....May 9, 1928
May 10, 1928—**SE MSCOW 150 SW Excelsior Ave SW 25 x SE 100 ptn blk 83 Excelsior Hd Assn.** Peter Fagerberg to whom it may concern.....May 10, 1928

May 10, 1928—**PTN LOTS 5-1 and 5-J Blk 3211 resub lots 2, 3, 4, 15 and ptn lots 13 and 14 blk 26 West End Map No 1 desc'd: Comg SW line Rudden Ave dist SE 150 from SE Delano Ave measured at right angles thereto rung SE alg Rudden Ave 25 m or l to pt which is dist 175 SE from Delano Ave SW and parl with Delano Ave 100.-736 m or l to SW line lot 5-1 NW 25 NE 100.631 m or l to beg. Walter E. Hansen to whom it may concern.....April 17, 1928**

May 10, 1928—**PTN LOTS 5-J and 5-K blk 3211 resub lots 2, 3, 4, 15 and ptn lots 13 and 14 blk 26 West End Map No 1 desc'd: Comg SW Rudden Ave 125 SE Delano Ave SE alg Rudden Ave 35 m or l to pt which is dist 150 SE from Delano Ave measured at right angles thereto SW and parl with Delano Ave 100.631 m or l to SW line lot 5-J NW 25 NE 100.526 m or l to beg. Walter E. Hansen to whom it may concern.....April 17, 1928**

May 10, 1928—**PTN LOTS 5-K Blk 7211 resub lots 2, 3, 4, 15 and ptn lots 13 and 14 blk 26 West End Map No 1 desc'd: Comg SW Rudden Ave 100 SE Delano Ave SE alg Rudden Ave 25 m or l to pt which is dist 125 SE from Delano Ave measured at right angles thereto SW and parl with Delano Ave 100.526 m or l to SW line lot 5-K NW 25 NE 100.421 m or l to beg. Walter E. Hansen to whom it may concern.....April 17, 1928**

May 10, 1928—**PTN LOT 3-N Blk 3211 resub lots 2, 3, 4, 15 and ptn lots 13 and 14 blk 26 West End Map No 1 desc'd: Comg intersection NE Rudden Ave and SE Delano Ave NE alg Delano Ave 75 SE 25 SW 74.894 m or l to NE Rudden Ave NW alg Rudden Ave 25.001 m or l to pt of beg. Walter E. Hansen to whom it may concern.....April 17, 1928**

May 11, 1928—**E 40th AVE 150 S JUDAH S 25 x E 120.** W. H. Reed to whom it may concern.....May 10, 1928
May 11, 1928—**S HALE 175 W MER RILL W 25 S 75 E 25 N 25.** John F. Thorne to whom it may concern.....May 11, 1928

May 11, 1928—**W 16th AVE 38 S PACHECO S 31 x W 107-6.** H. W. Armbrust to whom it may concern.....May 9, 1928

May 12, 1928—**LOTS 26, 27 BLK 23.** Amended Map Ingleside Terrace. A. J. Herzog to whom it may concern.....May 10, 1928

May 12, 1928—**N 24th 226-8 W HOFFMAN Ave W alg 24th 27-3 x N 114.** Ernest Herbert and Anna Briede to Meyer Bros.....May 10, 1928

May 12, 1928—**E POLK 85 N TURK 52-6 x85.** D. J. Clancy to whom it may concern.....May 12, 1928

May 12, 1928—**W 42nd AVE 150 N CAMPBELL known as 771 42nd Ave.** Corrine Frve to J. A. Frve.....May 9, 1928

May 12, 1928—**NE POPE 75 SE BRUNSWICK th 100 SE : 120 NE.** Victor

BUILDING CONTRACTS
San Francisco County

No.	Owner	Contractor	Amt.
94	Berger	McCormick	
93	Kreling	Larsen	14970
95	Ganz	Jacobs	1334
96	Roman	Scully	46200
97	Newman	Taylor	46000
98	Friend	Penny	9990
99	Same	Klimm	1365

FLAT BUILDING
(193) **N SYCAMORE AVE 126 E Valencia 26x100.** All work for two-story and basement frame flat bldg.
Owner—Martin Kreling, 1149 Greenwich St., San Francisco.
Architect—Andrew H. Knoll, 222 Kearney St., San Francisco.
Contractor—Larsen & Dybdal, 170 Alpine Terrace, San Francisco.
Filed May 10, '28. Dated April 30, '28.
4 equal payments as follows:
Roof on \$—
Brown coated —
Completed and accepted —
Usual 35 days. TOTAL COST, \$14,970

Bond, \$7533. Surety, Commercial Casualty Ins. Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
Permit applied for.

FLATS
(194) **N 18th 30 W HATTIE W 25 N 89 E 25 S 88.12, lot 13 blk B Park Lane Tract;** carpenter work two-story frame flats bldg.
Owner—Harriet Berger, 261 Valencia St. San Francisco.
Architect—G. A. Berger, 309 Valencia St. San Francisco.
Contractor—Thomas McCormick, 522 Douglass St., San Francisco.
Filed May 14, 1928. Dated May 11, 1928.
Payments to be made weekly.
Contractor to receive \$10 per day and 5% of cost of bldg.
Bond, sureties, forfeit, none; limit, 90 days; plans and spec. filed.
Permit applied for.

ALTER & ADDITIONS
(195) **NW CHERRY & WASHINGTON,** 3900 Washington; alterations and additions to residence.
Owner—Frederick Ganz, 505 3rd St., San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco.

COMPLETION NOTICES
SAN FRANCISCO COUNTY

Recorded Accepted
Correction in Location
May 8, 1928—**S GEARY 120 W LARKIN W 40 x S 120.** E. V. Lacey and M. E. Vukicevich to whom it may concern.....May 7, 1928

Correction in Name
May 9, 1928—**25 x 82 LOT 25 ft N of Ulloa W line 22nd Ave.** Pedar Andersen, Henry K Childress, V Siostrom to whom it may concern.....May 9, 1928
May 9, 1928—**NE BALCEPA & LAGUNA Honda Blvd lot 16 blk 2890 Map Laguna Honda Park.** Eva M and Richard E. Giller.....May 7, 1928
May 9, 1928—**S GREENWICH 200 W Baker W 25 x S 137-6 ptn W A 570.** A L Rehfeld to J. Borgens.....May 8, 1928
May 9, 1928—**N 21st 100 E CASTRO E 25 x N 114.** Arvid Peterson to whom it may concern.....May 8, 1928

Houghton to whom it may concern.
 May 12, 1928—LOT 25 BLK 3041 Map
 1948 3040 to a. ptn 1948 3040 and
 3041 Westwood Highlands ptn lots
 20 and 21 blk 3041 Westwood High-
 lands desc. Henry and Hazel Stone-
 son to whom it may concern.
 May 9, 1928
 May 12, 1928—COMG NE BRENT-
 WOOD AVE dist 11912 NW from SE
 line lot 20 blk 3041 rung N Walg NE
 1948 3040 AVE 43.98 N 23° 10' 39"
 E 104128 to pt on NE line lot 21 blk
 3041 dist 2 SE from NW line lot 21
 th ang lots 21 and 20 S 85° 10' E 43
 S 21° 21' 32" W 108.689 to beg.
 Henry and Hazel Stoneson to whom
 it may concern.
 May 9, 1928
 May 12, 1928—THAT PTN LOTS 19 &
 20 BLK 3054 Westwood Highlands desc.
 Comg NE Brentwood AVE dist 5
 NW from SE line lot 19 blk 3054 rung
 NW alg NE Brentwood AVE 43.012 N
 21° 21' 32" E 108.689 to pt on NE line
 lot 20 blk 3054 dist 19 SE from NW
 line lot 20 th alg NE line lot 20 S
 5° 10' E 14 to NE S 27.5° S 20° 39' 18"
 W 107.55 to pt of beg. Henry and
 Hazel Stoneson to whom it may con-
 cern.
 May 9, 1928
 May 14, 1928—LOT 19 BLK 5802 St.
 Marys Park. The Roman Catholic
 Archbishop of San Francisco to And-
 rew R. Johnson.
 May 2, 1928
 May 11, 1928—S VALLEY 180 W NOE,
 Leslie and Theresa Cano to A. V.
 and J. E. Permento.
 May 14, 1928
 May 11, 1928—E 22nd AVE 210 N VIN-
 CENTE N 36° E 120. Conrad Joha-
 son to whom it may concern.
 May 14, 1928
 May 14, 1928—SE 19th AVE & LAKE
 Leon Kuimels to Arthur Elvin.
 May 19, 1928
 May 14, 1928—239 JONES ST. Mu-
 sicians' Union to J. D. Woodside.
 May 9, 1928
 May 14, 1928—SE CHESTNUT 100 x S
 25. 1500r Weinstein to Henry Jacks
 and W. K. Ryan.
 May 7, 1928
 May 14, 1928—W DOUGLASS 150 x S
 21st S 25° x 125. Eino O. Resu to
 whom it may concern.
 May 12, 1928
 May 14, 1928—LOT 3 BLK 5803 St.
 Marys Park. The Roman Catholic
 Archbishop of San Francisco to And-
 rew R. Johnson.
 May 2, 1928
 May 14, 1928—NW 18th AVE & UL-
 LOA, Arvid and Ida Halsen to Arvid
 Halsen.
 May 10, 1928
 May 14, 1928—ALL PTN LOT 16 BLK
 2890 Laguna Honda Park comg int
 SE Balceta AVE with NE line lot 16
 SE 36 SW 102 m or l NW 19.68 m
 or l N 28.216 NE 82.356. Ptn lot 16
 blk 2890 Laguna Honda Park. Rich-
 ard E. Giller to whom it may con-
 cern.
 May 7, 1928
 May 14, 1928—N BRANNAN & 6th NE
 50 x NW 70. Hilbar Properties Co. to
 Barrett & Hilp.
 May 10, 1928
 May 15, 1928—E 26th AVE 200 N SAN-
 TIAGO 25x120. N. W. Anderson to
 whom it may concern.
 May 14, 1928
 May 15, 1928—E 17th AVE 75 N VIN-
 CENTE 25x97. William Straub to
 whom it may concern.
 May 14, 1928
 May 15, 1928—41 MERCEDES WAY, S.
 Erlanger to John Merz.
 May 15, 1928
 May 15, 1928—LOT 37 BLK 6806 Cas-
 tle Manor; lot 38, blk 6800, lot 16 blk
 6802, lots 19, 20, 21 blk 6803, lot 12
 blk 6804, lot 14 blk 6803, Map Castle
 Manor, Castle Building Co. fmly
 Gensler, Lee Inv. Co. to Henry Henry
 Ueschman to William T. Hummer.
 May 14, 1928
 May 15, 1928—N PORTOLA DRIVE 170
 W Dorchester lot 35 blk 2983 lot 36x
 95. George E. Dilling to whom it may
 concern.
 April 21, 1928
 May 15, 1928—SW PAUL AVE and
 Wheat 25 on Wheat x 100 on Paul AVE.
 Dunlio Pucci to D. Delucchi & Son.
 May 15, 1928

May 15, 1928—LOTS 6 and 7 BLK 942
 Sears Sub West End Map 2. Patricia
 Morgan to whom it may concern.
 May 14, 1928
 May 15, 1928—LOT 39 BLK 41 Map sub
 Columbia Heights Tract. Jack Buck-
 ley to whom it may concern.
 May 4, 1928
 May 15, 1928—W HALE 68 N TURK W
 104-6 N 69-6 E 137-6 S 69-6. A. B.
 Haslach to R. W. Moher.
 May 14, 1928
 May 15, 1928—LOT 29 BLK 3261 BAL-
 BOA Terrace. Ernest C. and Oscar
 M. Hueter to W. C. Zwieg.
 May 15, 1928
 May 15, 1928—S TEHAMA 195 W 5th
 W 50 x S 80. Meyer Safety Switch
 Co. to Mission Concrete Co.
 May 14, 1928
 May 11, 1928—LOT 33 MONTEREY
 Hgts 110 San Felipe Ave. Dr. E. B.
 Christensen to Henry Erickson.
 May 14, 1928

LIENS FILED

San Francisco County

Recorded Amount
 Correction in Location
 May 8, 1928—SE 15th & VALENCIA S
 45 x E 100 lot 29 blk 3554. Robert E.
 McCoy vs. Jules Bessette. \$507.19
 Correction in Name
 May 8, 1928—N LOMBARO 175 W
 Steiner W 50 x N 137-6. August
 Magnuson and Adrian Peterson to
 whom it may concern. May 7, 1928
 May 9, 1928—LOT 31 BLK 3046 Map
 blk 3046 and ptn blk 3077, Monterey
 Hgts. Golden Gate Nursery vs Harry
 M. Cornyn. \$258.85
 Correction in Location
 May 9, 1928—S HALE 175 W MERRILL
 W 25 x S 120 lot 23 blk 10 Tract A
 Peoples Hld. Assn. W B Jefferson
 (as The Greater City Lbr Co) vs
 John F. and Hazel Thorne. \$164.70
 May 10, 1928—SE BRAZIL AVE and
 Paris W 25 alg Paris x S 50. Andy
 Kosch vs G. Silvestri and A. J. Si-
 monelli. \$55
 May 10, 1928—W 22nd AVE 210 N VI-
 CENTE N 30 x W 120. Martin Nel-
 son vs Bernhard and Lydia Kari. \$75
 May 10, 1928—NE BEACH & DIVIS-
 ADERO N 50 x E 93.9. Folsom St.
 Iron Works Inc. vs Louis R. and
 Brigit Anderson. \$1,010
 May 10, 1928—ALL PTN LOT 20 BLK
 2891 Laguna Honda Park desc: Comg
 intersection NE Laguna Honda Blvd
 and SE line lot 20 run NW and alg
 NE Laguna Honda Blvd 38.419 NE &
 parl with SE line lot 20 92.195 to NE
 line lot 20 SE alg last line 33-4 to
 most E cor lot 20 SW 111.293 to beg.
 Samuel Ran vs. Richard E. and Eva
 M. Giller. \$444.68
 May 10, 1928—ALL PTN BLK 2891 La-
 guna Honda Park desc: all ptn lot
 21 desc: Comg intersection NE La-
 guna Honda Blvd and NW line lot 21
 rung SE alg NE Laguna Honda Blvd
 38.419 NE and parl with NW line lot
 21, 125.335 to NE line lot 21 NW alg
 last line 33-4 to most N cor lot 21 SW
 106.232 to beg. Samuel Ran vs. Rich-
 ard E. and Eva M. Giller. \$444.68
 May 10, 1928—ALL PTNS LOTS 20 &
 21 BLK 2891 Laguna Honda Park desc
 Comg NE Laguna Honda Blvd dist
 NW 28.419 to pt 38.479 from most W
 cor lot 21 NE and parl with NW line
 lot 21, 125.335 to NE line lot 21 SE
 alg last line 1108 to most E cor lot
 21 SW alg SE line said lot 21, 32.245
 to most N line lot 20 SE and alg NE
 lot 20, 21-8 to intersection of line NE
 from pt of beg and parl with SE lot
 20 SW 92.125. Samuel Ran to Rich-
 ard E. and Eva M. Giller. \$444.68
 May 11, 1928—E PENNSYLVANIA 60
 N 22nd E 100 x N 73-6 NW to pt on
 E Pennsylvania which is 160 N from
 N 22nd S alg Pennsylvania 100 to pt
 of beg ptn N blk 320. Frank Sasso
 vs Mariano & Bonifacia Estebez and
 G. Orri. \$900
 May 11, 1928—NE LINE LOT 16 BLK
 2890 Map Laguna Honda Park desc.
 thereon 36 SE from SE Balceta AVE
 SE 32 SW 115 NW 33 m or l NE 102
 m or l to beg. Ptn lots 15 and 16
 blk 2890 Laguna Honda Park. United
 States Metal Prod. Co. vs Richard E.
 and Eva M. Giller. \$164
 May 11, 1928—NE BEACH & DIVIS-
 ADERO N 50 x E 93.9. Scott Co. vs
 Louis R. and Brigit Anderson. \$957
 May 11, 1928—PTN LOTS 35 and 36
 BLK 2891 Laguna Honda Park comg
 at pt on SE curved line Hernandez
 AVE dist NE 9.342 from SW line lot

35 rung NE alg SE Hernandez Av
 32 to pt dist NE 5.343 from SW lin
 lot 36 SE 100 m or l to pt on SE
 curved line said blk 2891 dist 74 SW
 from SW line Woodside AVE SW al
 SE line said blk 2891 dist 37 NW 10
 to beg. United States Metal Product
 Co. vs Richard E. and Eva M. Gille
 \$150
 May 11, 1928—THOSE PTN of Lots 3
 and 1 blk 2891 Laguna Honda Par
 comg SE curved line Hernandez Av
 dist 6 NE from SW line lot 36 rung
 SE 100 to pt on SE curved line lo
 36 dist 8.1425 NE from SW line lo
 36 rung NE alg SE line lot 36 and SE
 line lot 1 dist 37 NW 100 to pt on SE
 curved line Hernandez AVE and dis
 3 NE from SW line lot 1 SW alg Her-
 nandez AVE 32 to pt of beg. United
 States Metal Products Co. vs. Rich-
 ard E. and Eva M. Giller. \$156
 May 12, 1928—SE DIVISADERO and
 Beach rung 50 E alg Beach x S 93.9.
 D. N. J. and E. Walter & Co. vs L. R.
 Anderson. \$8
 May 12, 1928—NE COR DIVISADERO
 and Beach 50 x 93-9. J. B. La Pointe
 vs Louis R. and Brigit Anderson. \$12
 May 12, 1928—S ANZA 95 E 29th AVE E
 30 x S 100. Thomas and James Mac-
 Kee vs W. C. MacGeorge and J. H.
 Brown. \$12
 May 12, 1928—LOTS 42 & 42 BLK 8
 Sunnyside W line Forester 25 N Man-
 gles, 2 lots 50 ft. frontage. L. De-
 vincenzi & Co. vs. Francis J. Foster.
 \$3
 May 14, 1928—NE BUSH & OCTAVIA
 E 30x N 120 to S Austin. Scott &
 Co. William L. Penzner or Penz-
 ner to whom it may concern. \$6.495
 May 14, 1928—NE BUSH & OCTAVIA
 E alg N Bush 30 x N 120 to S Aus-
 tin. WVA 159. B. Tanklage (as Lib-
 erty Mill & Cht. Co.) \$52.50; Atlas
 Heating & Vent. Co., \$840; Gunn,
 Carle & Co., \$1,328.22, vs William L.
 Penzner or Penzner. \$150
 May 14, 1928—N FILBERT approx. 150
 E Van Ness Ave. C. Berg vs E. V.
 Lacey and Veronica Lacey. \$447
 May 14, 1928—W 22nd AVE 210 N VI-
 CENTE N 30 x W 120. Leo Toge
 vs Bernhard and Lydia Kari. \$326
 May 14, 1928—N RIVERA 107-6 E 34th
 AVE 25 x N 100 ptn blk 2184 lot 21.
 Frank J. McHugh vs Geo. W. Dun-
 mand, John Murphy and Langdon
 E. Boyle. \$351
 May 14, 1928—LOT 42 BLK 8 Sunnyside
 Sub. W line Foerster 25 N of
 Mangles 25 x 100. Harry and Samuel
 Ginsberg Tile Co. vs Frances J.
 Foster. \$84.52
 May 14, 1928—N FILBERT 100 E Van
 Ness Ave. E 85 x N 148. Walter G.
 Thompson vs Lacey Inv. Co. or E.
 V. Lacey. \$1625
 May 15, 1928—NW POST & STEINER
 N 137-6 x W 275. Jack Bradley, \$34;
 A. G. Madino, \$45; R. J. Williams,
 \$575; Paul Buske, \$225, vs R. J.
 Williams and Dreamland Auditorium.
 Inc.
 May 15, 1928—S BRAZIL AVE and
 Paris SE 50 x SW 24-8. John Pelle-
 grini (as Progressive Tile & Mantel
 Co.) vs A. J. Simonelli and G. Sil-
 vestri. \$120
 May 15, 1928—S JOOST AVE 25 W De-
 troit W 25 x S 100 lot 48 Assessor's
 New Blk 3092. Chas. L. Horney vs
 Michael A. and Annie Tobin. \$337.83
 May 15, 1928—S GROVE 175 E Divis-
 adero E 38 x S 100. Malott & Pet-
 erson vs H. R. Sorenson and Henry
 R. Sorenson and Bernice L. Soren-
 son. \$221.55
 May 15, 1928—S BRAZIL AVE & Paris
 SE 50 x SW 24-8. Phillip Tabacco vs
 A. J. Simonelli, V. Guiseppe Silvestri
 and Grace Silvestri. \$543.70
 May 15, 1928—E BRODERICK 32-7 S
 Page E 82-6 x S 30-4 known as 122
 Broderick. Ernest Watson vs Minna
 M. Merzenthal. \$297.68
 May 15, 1928—SE 15th and VALENCIA
 45 x E 100 to W Caledonia ptn M B 35.
 Lawrence and Frank Vanucci (as L.
 Vanucci Bros. and L. Vanucci Bros.)
 vs Jules Bessette. \$1,072

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 May 9, 1928—S STANFORD & BRAN-
 NAN SE 206-3 x SW 80. W P Fuller
 & Co. B. Rosenberg to Jas. C. Ray
 (as Ray Const. Co.), Crane Co. \$100
 May 11, 1928—W 19th AVE 150 S Cali-

fornia S 50 x W 120. C. D. Lieb (as Eagle Elec. Co.) to whom it may concern
 May 11, 1928—E MONTCALM 25 N Wright N 25 x E 100, 23 Montcalm. San Francisco Terrazzo Assn. to Marie and Jos. Byrne, Davis Sutter, National Const. Co.

May 11, 1928—W SCOTT 82-6 S FILBERT S 27-6 x W 137-6. Altas Heating & Ventilating Co., Rudolph L. Schwartz, Geo. Balliet, Lamey Bros., Martin Nelson, James F. Smith, Richmond Sanitary Co., F. G. Norman & Sons, Friedman Bros., John W. Bender (as J. W. Bender Roofing and Painting Co.), George E. Muncaster, Schwartz & Co., D. and R. M. Leonhardt, George R. Nelson, Harry E. Corlett and R. J. Mullin, A. F. Pierlue, J. Bonadeo & Co., John J. DeLuca, D. N. and E. Walter & Co., Vitt Elec. Co., and Upland Elec. Co. to Frances A. Dunne.

May 14, 1928—388 or 10 S CLEMENT 55 W 25th Ave W alg S Clement 25 x S 100 ptn OF blk 204. Margaretha Brune to A. H. Winckel.

May 11, 1928—1072 or 311 S MORAGA 57-6 W 17th Ave W 25 x S 100 ptn O L 877. William and Laura Clarkson to Chas. L. and Elfrieda Soper.

May 14, 1928—N CHESTNUT 150 E Laguna E 25 x N 137-6. The Greater City Lbr Co. to Wm and Agnes Chorowski.

May 15, 1928—1617 or 451 NW Athens 24-6 SW Persia SW 25-6 NW x SW 100 ptn blk 63 Excelsior Hd Assn., H. S. Thomson to G. and Jane Doe Martini.

May 14, 1928—S CORTLAND AVE 226-6 E Mission E 25 x S 100. Harry Lee to Emil and L. E. Olmo, J. D. Woodside.

May 14, 1928—LOT 19 and ptn 18 blk 8 Ingelside Terrace. White & Anderson to Salve and Elsa Matheson.

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
1096	Bischoff	Owner	7500
1097	Byron	Owner	2000
1098	Earl	Owner	3250
1099	Schmidt	Owner	1500
1100	Shoemaker	Owner	4000
1101	Leekins	Owner	1100
1102	Berkeley	Sorenson	54672
1103	Hooper	Hooper	5250
1104	Martin	Smith	4500
1105	Rogers	Owner	3950
1106	Anson	Glynn	4500
1107	Bartels	Owner	1800
1108	Caneno	Boeddeker	5000
1109	Martin	Owner	2500
1110	Scofield	Owner	2000
1111	Steinmeyer	Owner	2850
1112	Leekins	Owner	3000
1113	Smith	Owner	5000
1114	Peterson	Owner	4900
1115	Dexter	McAllister	1000
1116	Gordon	Justice	5000
1117	Pallam	Tranmal	1465
1118	Parsons	Owner	30000
1119	Mulvaney	Alley	1200
1120	Same	Same	13800
1121	Morgensen	Owner	6000
1123	Parker	Allen	1000
1123	Parker	Ollen	1000
1124	Petersen	Owner	8000
1125	West	Mehrtens	3900
1126	Makins	Schmitz	5000
1127	Potter	Somarstrom	10000
1128	Zimmerman	Lynn	12000
1129	Kellogg	Owner	5000
1130	Moore	Hawkins	2700
1131	Wishart	wner	3325
1132	Davis	Parsons	5000
1133	Houkkala	Broderick	2750
1134	Morse	Platz	3000
1135	Sullenger	Owner	1200
1136	Bradshaw	Owner	27000
1137	Guittard	Windsor	2750
1138	Jurs	Thrams	13000
1139	Vitale	Owner	3500
1140	Vonada	Owner	3000
1141	West	Owner	3900
1142	Campbell	Person	22275
1143	Leekin	Owner	2500
1144	Monez	Owner	3200
1145	Tichenor	Schneck	6000
1146	Hill	Bishop	10000

STORES
 (1096) 2466-68-70-72 TELEGRAPH Ave.; Berkeley; 1-story stores, class C construction.
 Owner—J. Bischoff, 2717 Russell St., Berkeley.
 Architect—None. \$7,500

ALTERATIONS
 (1097) 701 CARLTON St., Berkeley; alterations.
 Owner—Bryan Jackson Co., 701 Carlton St., Berkeley.
 Architect—None. \$2,000

RESIDENCE
 (1098) 2331 MCGEE AVE., Berkeley; 1-story 6-room 1-family residence.
 Owner—C. P. Earl, 1336 Channing Way, Berkeley.
 Architect—E. R. Hardman, 1st National Bank Bldg., Berkeley. \$3,250

ALTERATIONS
 (1099) 2219 GRANT ST., Berkeley; alterations.
 Owner—M. J. Schmidt, 2216 Grant St., Berkeley.
 Architect—None. \$1,500

RESIDENCE
 1720 BUENA AVE., Berkeley; 1-story 5-room 1-family residence.
 Owner—Mary Shoemaker, 2423 Bonar St., Berkeley.
 Architect—C. E. Rednours, 1247 Gilman St., Berkeley. \$4,000

DWELLING & GARAGE
 (1101) W UNDERHILLS ROAD, 80 S Sunnyhills Road, Oakland; 2-story 6-room dwelling and 1-story garage.
 Owner—C. W. Leekins, 3918 Maple Ave., Oakland.
 Architect—None. \$7,000 and \$400

SCHOOL BLDG.
 (1102) 1760 ROSE ST., Berkeley; 2-story class C school (13 rooms).
 Owner—Berkeley School Dept.
 Architect—Jas. Plachek, 1st National Bk. Bldg., Berkeley.
 Contractor—Walter Sorenson, 2940 Piedmont Ave., Berkeley. \$54,672

RESIDENCE
 (1103) 631 VINCENTE AVE., Berkeley; 1-family residence.
 Owner—Dorothy G. Hooper, 732 Cragmont Ave., Berkeley.
 Architect—None.
 Contractor—W. H. Hooper, 732 Cragmont Ave., Berkeley. \$5250

RESIDENCE
 (1104) 765 SPRUCE ST., Berkeley; 1-family residence.
 Owner—F. C. Martin, 1706 Rose St., Berkeley.
 Architect—None.
 Contractor—J. H. Smith, 677 Santa Barbara Road, Berkeley. \$4500

RESIDENCE
 (1105) 1716 BUENA AVE., Berkeley; residence.
 Owner—Rogers & Rogers, 1444 Martimer Ave., Berkeley.
 Architect—None. \$3950

DWELLING
 (1106) E CABILLO AVE., 50 N Granada, Oakland. Two-story 5-room dwelling.
 Owner—A. L. Anson, 3814 Piedmont Ave., Oakland.
 Architect—None.
 Contractor—H. Glynn, 6023 Colby St., Oakland. \$4500

DWELLING
 (1107) N SIXTY - THIRD ST., 89 W Idaho St., Oakland. One-story 3-room dwelling.
 Owner—C. W. Bartels, 1032 63rd St., Oakland.
 Architect—None. \$1800

DWELLING
 (1108) W LAGUNA AVE., 150 S Montana St., Oakland. One-story six-room dwelling.
 Owner—Peter Caneno, 127 Elizabeth St., San Francisco.
 Architect—None.
 Contractor—Joe Boeddeker, 1814 34th Ave., Oakland. \$5000

FACTORY
 (1109) S W COR. HALE & CARY AVES., Oakland. One-story factory
 Owner—J. Martin & J. Lewis, 423 Callan Ave., San Leandro.
 Architect—None. \$2500

DWELLING
 (1110) 691 ASPINWALL ROAD, Oakland. One-story 4-room dwelling.
 Owner—R. S. Scofield, 3529 69th Ave., Oakland.
 Architect—None. \$2000

DWELLING
 (1111) W SEVENTY-SIXTH AVE., 135 N Hillside St., Oakland. One-story 5-room dwelling.
 Owner—E. E. Steinmeyer, 3006 57th Ave., Oakland.
 Architect—None. \$2350

DWELLING
 (1112) 2140 VICKSBURG AVE., Oakland, 1-story 6-room dwelling.
 Owner—C. W. Leekins, 3918 Maple Ave., Oakland.
 Architect—None. \$3,000

DWELLING
 (1113) E THORN ROAD, 1401 N MORAGA ROAD, Oakland; 2-story 5-room dwelling.
 Owner—Chas. Smith, 60 Hamilton Place, Oakland.
 Architect—None. \$5,000

DWELLING
 (1114) E PALOMA AVE., 120 S LONGRIDGE ROAD, Oakland; 1-story 6-room dwelling.
 Owner—Chas. Peterson, 580 Jean St., Oakland.
 Architect—None. \$4,900

ALTERATIONS
 (1115) NO. 2166 PACIFIC AVE., Alameda. Alterations.
 Owner—A. L. Dexter, 1718 San Antonio Ave., Alameda.
 Architect—None.
 Contractor—D. J. McAllister, 2515 Chester St., Alameda. \$1000

DWELLING
 (1116) NO. 3038 THOMPSON AVE., Alameda. One-story 5-room stucco finish dwelling.
 Owner—L. B. Gordon, 1448 Fernside Blvd., Alameda.
 Architect—None.
 Contractor—N. F. Justice, 3232 Bayo Vista Ave., Alameda. \$5000

ALTERATIONS
 (1117) NO. 2728 HASTE ST., Alameda. Alterations.
 Owner—L. J. Pallam.
 Architect—None.
 Contractor—E. Tranmal, 483 Crescent St., Oakland. \$1465

APARTMENTS
 (1118) NO. 2355 HILGARD AVE., Berkeley. Two-story 30-room 10 family stucco apartments.
 Owner—Parsons & Schuster, 2424 Curtis St., Berkeley.
 Architect—Clay N. Burrell, American Bank Bldg., Berkeley. \$30,000

GARAGE & TEA ROOM
 (1119) 2927 GIBBONS DRIVE, Alameda Double garage and tea room, stucco finish.
 Owner—John J. Mulvaney, Bank of Italy Bldg., Alameda.
 Architect—Chas. E. Shippey, 3115 Bayo Vista Ave., Alameda.
 Contractor—Lesley E. Alley, 1612 Encinal Ave., Alameda. \$1200

DWELLING
 (1120) 2927 GIBBONS DRIVE, Alameda 2-story 8-room stucco finish dwelling.
 Owner—John J. Mulvaney, Bank of Italy Bldg., Alameda.
 Architect—Chas. E. Shippey, 3115 Bayo Vista Ave., Alameda.
 Contractor—Lesley E. Alley, 1612 Encinal Ave., Alameda. \$13,800

DWELLING
 (1121) 1716 MORELAND DRIVE, Alameda; 1-story 6-room cement plaster finish dwelling.
 Owner—Morgensen Bros., 5664 Broadway, Oakland.
 Architect—Owners. \$6000

WHARF
 (1122) 2069 GRAND ST., Alameda; construct wharf.
 Owner—Oakland Launch & Tug Boat Co., 2069 Grand St., Alameda.
 Architect—None. \$5000

ADDITION
 (1123) 1712 PALMERO COURT, Alameda; 2-story addition.

*Owner—John Parker, 1712 Palmero Ct., Alameda.
Architect—None.
Contractor—M. Allen, 3526 Ardley Ave., Oakland. \$1000

STORE BLDG.
(1124) WEBSTER ST. bet. Lincoln & Haight, 1-story reinforced concrete bldg. 60 stores.
Owner—J. B. Petersen, 4021 Agua Vista Ave., Oakland.
Architect—Guy Brown, 601 American Bank Bldg., Oakland. \$8000

DWELLING
(1120) 56 HAIGHT AVE., Alameda; 1-story 6-room dwelling, cement plaster finish.
Owner—West End Bldg. Ass'n., 1536 Webster St., Alameda.
Architect—Owners.
Contractor—H. G. Mehrtens, 1536 Webster St., Alameda. \$3900

GARAGE
(1126) SE COR 17th & Market Sts., Oakland; 1-story brick garage.
Owner—Mrs. J. Makins, 768 17th St., Oakland.
Architect—L. F. Hyde, 372 Hanover Ave., Oakland.
Contractor—H. J. Schmitz, 1121 Ward St., Berkeley. \$5000

STORES & OFFICES
(1127) E 23rd AVE., 50 SE 15th ST., Oakland; 2 stores and offices.
Owner—H. A. Potter, 4370 Townsend St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 738 E 17th St., Oakland. \$10,000

DWELLING
(1128) 983 LONGBRIDGE RD., Oakland; 2-story 10-room dwelling.
Owner—G. A. Zimmermann, 589 29th St., Oakland.
Architect—None.
Contractor—Willis F. Lynn, 506 Richfield Oil Bldg., Oakland. \$12,000

ALTERATIONS
(1129) NO. 2439 WEBSTER ST., Berkeley. Alterations.
Owner—Anna B. Kellogg, 2304 Telegraph Ave., Berkeley.
Architect—None. \$5000

ALTERATIONS
(1130) NO. 2908 CHANNING WAY, Berkeley. Alterations.
Owner—Mrs. Moore, Premises.
Architect—None.
Contractor—H. Hawkins, 2025 Emerson St., Berkeley. \$2700

RESIDENCE
(1131) NO. 1527 BLAKE ST., Berkeley. One-story 5-room residence and garage.
Owner—J. W. Wishart, 586 62nd St., Oakland.
Architect—None. \$3325

DWELLING
(1122) NO. 3917 LYMAN ROAD, Oakland. Two-story 6-room dwelling.
Owner—L. W. Davis, Premises.
Architect—None.
Contractor—Geo. Parsons, 3839 Canon Ave., Oakland. \$5000

ALTERATIONS
(1133) NO. 73 YOSEMITE AVE., Oakland. Alter apartments.
Owner—Matt Houkkala, Premises.
Architect—None.
Contractor—W. L. Broderick, 607 Koerber Bldg., Berkeley. \$2750

ALTERATIONS
(1134) NO. 1287 PIEDMONT AVE., Oakland. Alterations and additions.
Owner—M. H. Morse, 3040 Telegraph Ave., Oakland.
Architect—None.
Contractor—Henry C. Plotz, 2818 19th Ave., Oakland. \$3000

DWELLING
(1135) W FIFTY-FIRST AVE. 200 N E Fourteenth St., Oakland. Two-story 4-room dwelling.
Owner—Chas. C. Sullenger, 1511 51st Ave., Oakland.
Architect—None. \$1200

APARTMENTS
(1136) NO. 2508 BENVENTE AVE., Berkeley. Three-story frame apartment house 15 rooms (15 apts.)

Owner—R. H. Bradshaw, 6425 Telegraph Ave., Berkeley.
Architect—Owner. \$27,000

RESIDENCE
(1137) NO. 135 GUILFORD ROAD, Piedmont. Two-story 7-room frame residence and garage.
Owner—F. Guitard, 37 Bonita Ave., Piedmont.
Architect—W. E. Schirmer, 700 21st St., Oakland.
Contractor—Geo. Windsor, 928 Kinugston Ave., Piedmont. \$9750

RESIDENCE
(1138) NO. 304 PACIFIC AVE., Piedmont. Two-story 8-room frame residence and garage.
Owner—Albert E. Jurs, 8th and Carlton Sts., Piedmont.
Architect—None.
Contractor—C. H. Thrums, 28 Home Pl., Piedmont. \$13,000

RESIDENCE
(1139) NO. 334 HOWARD AVE., Piedmont. One-story 6-room frame residence and garage.
Owner—Fred Vitale, 244 Sunnyside Ave., Piedmont.
Architect—S. G. Jackson, 178 Grand Ave., Oakland. \$3500

DWELLING
(1140) NO. 1309 NORTHSIDE AVE., Berkeley. One-story 6-room dwlg.
Owner—J. A. Vonada, 2805 Acton St., Berkeley.
Architect—None. \$3000

DWELLING
(1141) NO. 1641 VISALIA ST., Berkeley. One and one-half-story six-room dwelling.
Owner—Chas. W. West, 838 Carmel Ave., Albany.
Architect—Widney & Walker, 1709 Grove St., Berkeley. \$3900

DWELLING
(1142) S STONEWALL ROAD, 200 W End of Road, Oakland. Three-story 17-room dwelling.
Owner—Mrs. W. R. L. Campbell, 2815 Claremont Court, Oakland.
Architect—B. S. McDougall, 353 Sacramento St., San Francisco.
Contractor—Emil Person, 829 San Luis Rd., Berkeley. \$22,275

DWELLING
(1143) E RUDSDALE AVE., 75 S 79th Ave., Oakland. One-story 5-room dwelling.
Owner—Edward Leepin, 7914 Rudsdale Ave., Oakland.
Architect—None. \$2500

DWELLING
(1144) 4927 WATERHOUSE ROAD, Oakland. One-story 5-room dwell.
Owner—A. H. Monez, 4036 Everett Ave., Oakland.
Architect—None. \$3200

DWELLING
(1145) N DORIS AVE., Inter. of Burgo Ave., Oakland. One-story 5-room dwelling.
Owner—Dr. A. P. Tichenor, 801 Medical Bldg., Oakland.
Architect—D. Dacre Stone, 354 Hobart St., Oakland.
Contractor—A. W. Schneck, 3567 Redwood Rd. \$6000

UNDERTAKING PARLOR
(1146) 3045 ADELINE ST., Berkeley. One-story undertaking parlor and chapel. (stucco finish).
Owner—William M. Hull, 3051 Adeline St., Berkeley.
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.
Contractor—J. B. Bishop, 587 Athol Ave., Oakland. \$10,000

BUILDING CONTRACTS

Alameda County

114 Guitard	Windsor	12800
145 Clark	Westlund	52225
146 Campbell	Person	22275

RESIDENCE
(1141) LOT 2 GUILFORD PLACE, Piedmont; all work on 2-story frame residence.
Owner—Charlotte C. and Frank L. Guitard, Piedmont.

Architect—William Edward Schirmer, 700 21st St., Oakland.
Contractor—George Windsor, 928 Kinugston, Piedmont.
Filed May 10, 1928. Dated May 3, 1928.
When frame is up.....\$34
When brown coated.....34
When completed.....34
Usual 35 days.....34
TOTAL COST, \$13,800
Bond, sureties, forfeit, none; limit, 1 days' plans and spec. filed.

RESIDENCE
(145) LOT 13 CROCKER TERRACE, Piedmont; all work on residence.
Owner—A. W. Clark, 6 Loreta, Piedmont.
Architect—Claude B. Barton, 522 Grant Ave., Oakland.
Contractor—Fred J. Westlund, 625 40th St., Oakland.
Filed May 15, 1928. Dated April 28, 1928.
When basement is completed.....\$9791.2
When frame is up.....9791.2
1st coat of plaster.....9791.2
When completed and accepted.....9791.2
Usual 35 days.....13055.6
TOTAL COST, \$52,227.2
Bond, sureties, forfeit, none; limit, 12 days; plans and spec. filed.

BUILDING
(146) LOT 10 HOLABIRD, Garber Park, Oakland. All work for building.
Owner—Marriett S. Campbell, Berkeley.
Architect—Benj. G. McDougall, 353 Sacramento St., San Francisco.
Contractor—Emil Person, 829 San Luis Road, Oakland.
Filed May 16, '28. Dated May 15, '28.
Between 1st & 10th of each month 75%
Usual 35 days.....Balance
TOTAL COST, \$22,275.
Bond, \$22,275. Surety, National Surety Co. Limit, 130 days. Forfeit, \$10 per day. Plans and specifications filed.

COMPLETION NOTICES

Alameda County

Recorded	Accepted
May 9, 1928—LOTS 6, 43, and 44, ARDMORE, San Leandro. Gordon D. Pierce to Geo. A. Hillback.....	May 8, 1928
May 10, 1928—LOT 284 BLK O. Fernside, Alameda. P. C. Nash to whom it may concern.....	May 8, 1928
May 10, 1928—N ORCHARD ST. 150 ft. W of Summit St., Oakland. Peralta Hospital Inc. fmlly Hillcrest Hospital Inc. to R. L. Scherer Co.....	May 8, 1928
May 10, 1928—3126 SHEFFIELD AVE., Oakland. H. W. Kitchen to whom it may concern.....	May 9, 1928
May 10, 1928—W. SHATTUCK AVE. 170 ft. N of Rose St., Berkeley. David E. Pringle to Calif. Builders' Company.....	May 9, 1928
May 8, 1928—LOT 4 and LOT C, Holabird-Garber Park, Oakland. Gerald H and Ella B Hagar to Tynan Lbr Co.....	May 5, 1928
May 9, 1928—LOT 29 BLK 9 Thousand Oaks, Berkeley. Dorothy G Hooper to Frank Pemberton.....	May 7, 1928
May 9, 1928—3007 SEMINARY AVE., Oakland. Tillie M and Joseph McGrath to C R Squires.....	May 2, 1928
May 9, 1928—1815 CORNELL DRIVE, Alameda. William N Ihrig to W C Thorpe.....	May 8, 1928
May 9, 1928—LOT 16 BLK E, North Piedmont Heights, Oakland. Chas. Miles to W W Osborn and Geo F Andrews.....	May 8, 1928
May 9, 1928—73 EL CAMINO REAL, Berkeley. Mr and Mrs Seth Axley to C H Thrums.....	May 5, 1928
May 9, 1928—ALANEDA, OAKLAND & Berkeley. Southern Pacific Co. to Hutchinson Co., Inc.....	April 30, 1928
May 9, 1928—E 14th St and 45th AVE., 7th and Cedar Sts., 21st and West Sts., Oakland. Southern Pacific Co. to Hutchinson Co., Inc.....	April 30, 1928
May 9, 1928—3006 THOMPSON AVE., Alameda. Samuel Lee to whom it may concern.....	May 8, 1928
May 9, 1928—PTN of a 19.39 ac. piece of land conveyed by Grace N Fassett et al to Wm Anzous Oct 11, 1906, and recorded in Vol 1239 of Deeds page 327 Eden Twp. J. A. Reisacker to whom it may concern.....	May 5, 1928
May 9, 1928—837 RODNEY DRIVE, San Leandro. Glenn Bunker to whom it may concern.....	May 9, 1928
May 12, 1928—LOTS 43 and 44 BLK 19, Map No 6 of Regents Park, Albany. Wm. K. McInnes to whom it may concern.....	May 2, 1928

ay 12, 1928—LOTS 3 and 9, MARK PAGE TRACT, Oakland. Mark Page to whom it may concern.....May 5, 1928
ay 12, 1928—LOTS 2 and 5, MARK PAGE TRACT, Oakland. Mark Page to whom it may concern.....May 6, 1928
ay 12, 1928—LOT 4, MARK PAGE TRACT, Oakland. Mark Page to whom it may concern.....May 10, 1928
ay 12, 1928—LOTS 71 and 72 BLK 23, and Lots 75 and 76, Newark Terminal Tract, Newark, Alameda Co. Gus H. Kouns to whom it may concern.....May 10, 1928
ay 12 1928—PTN LOT 3 BLK P, Melrose Acres, Oakland. Victor E. Milton to whom it may concern.....May 10, 1928
ay 12, 1928—LOT 8, Cambridge Terrace Tract, Piedmont. James M. Wheat to James M. Wheat. May 12, 1928
ay 10, 1928—LOT 3 and PTN LOTS 2 and 4 plot 35 map No. 3 Glen Echo Tract, Oakland. C. G. Tweedt to H. E. Tweed.....May 9, 1928
ay 11, 1928—5347 GOLDEN GATE AVE Oakland. W. A. Netherby to whom it may concern.....May 11, 1928
ay 11, 1928—693 39th ST., Oakland. Oscar Lindeman to whom it may concern.....May 9, 1928
ay 15, 1928—LOT 3 BLK E, Eastmont, Oakland. George Duncan to whom it may concern.....May 12, 1928
ay 15, 1928—2955 MORGAN AVE., Oakland. Harvey C. Nichols to whom it may concern.....May 14, 1928
ay 15, 1928—2457 34th AVE., Oakland. Maude Mary Gerhardt to whom it may concern.....May 5, 1928
ay 14, 1928—LOTS 14 and 15 BLK 15 Resub of a ptn of Hollywood. W. A. Rees to whom it may concern.....May 7, 1928
ay 14, 1928—LOTS 31 and 32 BLK 2, Regents Park Tract 4, Albany. Oscar Oberndorf to whom it may concern.....May 1, 1928
ay 14, 1928—LOT 2 BLK 4, Brookdale Terrace, Oakland. S. F. Groom to whom it may concern.....May 12, 1928
ay 14, 1928—4244 and 4246 East 12th St., Oakland. E. L. Blackman to Jos. F. Roeddeker.....May 14, 1928
ay 14, 1928—3460 RICHMOND BLVD Oakland. Nellie Bliss Edwards to whom it may concern.....May 14, 1928
ay 14, 1928—LOTS 15 and 16 BLK B Damon's West End Tract, Alameda. A. V. Hougard to A. V. Hougard.....May 15, 1928

LIENS FILED

Alameda County

Recorded Amount
May 9, 1928—PTN LOTS 8 and 9 Blk N Map Central Piedmont Tract No. 2, Oakland. J. W. Roberts vs Sylvia L. and T. J. Thompson.....\$68.63
May 9, 1928—LOT 44 WOODLAWN PK. Oakland. Churchill Tile Co. vs Barry Bldg. Co. and Geo. Taylor.....\$110.26
May 11, 1928—LOT 254 Oak Knoll Unit C, Oakland. Smith Hdw Co. vs Glenn M. and Ruby Bright.....\$139.03
May 11, 1928—NW COR BROADWAY and Taft Ave., Oakland. Oakland Building Material Co. vs The Barry Building Co.....\$400.78
May 11, 1928—LOTS 54 and 55 Piedmont Villa Tract, Oakland. C. J. Allen vs. H. O. and Augusta Anderson.....\$1,000
May 11, 1928—LOT 266, Oak Knoll Unit C, Oakland. Ben Nelson vs. C. C. Lundberg.....\$326.75
May 11, 1928—LOT 7 BLK F, Piedmont Knoll, Oakland. Redwood Mfg. Co. \$948.55. Maxwell Hdw Co., \$825.90, vs. Elinor H. and Jas. S. Forster
May 11, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Makin Oates & Kennedy (two liens) \$344.75 and \$655.05. Yates-Hulett Paint Co. \$177.72 vs. J. S. Wiggins
May 10, 1928—1021 WARFIELD AVE., Oakland. Western Asbestos Magnesla Co. vs Elinor H. and James S. Forster.....\$288
May 9, 1928—8009 BROADWAY, Oakland. East Bay Spraying Co. vs Stanley Hitchcock.....\$419
May 12, 1928—LOT 12 BLK C, Bella Vista Park, Oakland. Sunset Lumber Co. vs. J. E. Gray and A. W. Swanson.....\$44.27
May 12, 1928—LOT 13 BLK C, Bella Vista Park, Oakland. Sunset Lumber Co. vs. J. E. Gray and A. W. Swanson.....\$326.23
May 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Charles

F. Osgood, \$225.80; L. B. Duffin, \$622.55, vs. J. S. Wiggins.....
May 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. H. R. Cinnamon vs. J. S. Wiggins, C. Pearce, G. Dilley.....\$324.37
May 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Smith Lumber Co. of Oakland vs J. S. Wiggins, A. W. Swanson, J. E. Gray.....\$2,326.34
May 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Bay Cities Asbestos Co., Inc., vs. J. S. Wiggins, A. W. Swanson, Geo. E. Greenwood.....\$236.80
May 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Golden Gate Sheet Metal Works vs. J. E. Gray and J. S. Wiggins.....\$122.70

RELEASE OF LIENS

Alameda County

Recorded Amount
May 9, 1928—PTN LOTS 14 and 15 BLK D, Lakeshore Hills, Oakland. Garrett Mill & Lumber Co. to H. S. Stoner.....\$17.98
May 8, 1928—PTN LOT 18 BLK 2137, Surety Tract, Oakland. Independent Iron Works to A. Massad.....\$275
May 12, 1928—LOT 10 BLK 4, Cragmont, Berkeley. Charles A. Osborn to Karl and Wilhelmina Ross and Josephine Romino.....\$200
May 12, 1928—LOT 11 BLK 14, Cragmont, Berkeley. Charles A. Osborn to Karl and Wilhelmina Ross.....\$200
May 14, 1928—57 COLORADO ST., Berkeley. Berkeley Glass Co. to Elmer Johnson and Leo A. Starr.....\$53.65
May 14, 1928—PTN OF A CERTAIN 7.13 acre tract of land desc'd. in deed Eugene B. Thorne to James A. Folger Jr. recorded in Vol 337 of Deeds page 47. Richmond Sanitary Company, Oakland to James Herin and J. R. Kennet.....\$88.50
May 12, 1928—LOT 28 and ptn lots 27 and 29 blk 21 Resub of Smith's Sub. of the Marhews Tract, Berkeley. Harry Brown to C. and Mary Arceaux.....\$267.25

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

WATER PIPE
MENLO PARK COUNTRY CLUB. All work for laying 3800 ft. 6" water pipe.
Owner—Menlo Country Club.
Architect—None.
Contractor—F. M. Walker.
Filed May 9, '28. Dated May 5, '28.
TOTAL COST, 50c per lin. ft. pipe laid Bond, \$2000. Surety, Continental Casualty Co. Limit, 40 days. Forfeit, none. Specifications only filed.
SCHOOL
MENLO SCHOOL FOR BOYS. All work for two-story dormitory and classroom building.
Owner — Menlo School for Boys, 1007 Forest St., Menlo Park.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor — The Milton Co., Mountain View.
Filed May 9, 1928. Dated May 4, 1928.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$18,998.50
Bond, \$9500. Sureties, W. D. Worrrell and W T Gray. Limit, Aug. 15, 1928. Forfeit, none. Plans and specifications filed.
BUNGALOW
PART LOT 5 BLK 117, South San Francisco. All work for one-story bungalow.
Owner—John Corso, South San Francisco
Architect—None.
Contractor—A. Pianca, South San Francisco.
Filed May 4, 1928. Dated May 1, 1928.
Roof on.....\$1349
Usual 25 days..... 1000
TOTAL COST, \$2349
Bond, \$— Sureties, P. Santini and S. Pianca. Limit, 90 days. Forfeit, none. Plans and specifications filed.
GARAGE
RESIDENCE OF ALICE H. MCKEE, Woodside. All work for one-story frame garage building.

Owner—Alice H. McKee, premises.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed May 5, '28. Dated May 2, '28.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4262
Bond, none. Limit, 60 working days.
Forfeit, \$5. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
May 8, 1928—PART LOTS 21 and 22 Blk 10, Polo field sub Burlingame. Henry Middendorff to Walter Pederson.....April 15, 1928
May 9, 1928—LOT 4 BLK 29, Redwood Highlands. John W. Burns to whom it may concern.....May 9, 1928
May 9, 1928—LOT 3 BLK 7 Burlingame. George B. Smith et al to Hong Kime.....May 5, 1928
May 10, 1928—LOTS 26 and 27 BLK 4 Felton Gobles, San Mateo. Arthur M. Brown, by agent, to whom it may concern.....May 8, 1928
May 10, 1928—LOT 28 BLK 12 Lyon & Hoag Ave., San Carlos. Gustave Meistu to whom it may concern.....May 8, 1928
May 10, 1928—LOT 24 BLK 17, Stanford Park, San Mateo. A. E. Klay to whom it may concern.....May 8, 1928
May 11, 1928—LOT 17 BLK 56, Easton. James Horne to whom it may concern.....May 10, 1928
May 11, 1928—PART LOT J, Selby Tract, San Mateo. Hazel Grant to whom it may concern.....May 12, 1928
May 12, 1928—LOT 3 BLK 4, Vista Grand. Chas H Duernier to whom it may concern.....May 10, 1928
May 12, 1928—LOT 5 BLK 2, Burlingame Hills. George B Childs et al to whom it may concern.....May 10, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
May 9, 1928—LOT 2 BLK 11, Burlingame Hills, Burlingame. Reinhart Lumber Co. vs James S. James, et al.....\$1,576.28
May 9, 1928—LOT 14 BLK 14, Burlingame Hills, Burlingame. Malott & Peterson, \$536; Reinhart Lbr Co., \$1,334.03, vs. R. D. Smith, et al.....
May 9, 1928—LOT 10 BLK 3, Burlingame Hills, Burlingame. Malott & Peterson vs E. F. La Montagne et al.....\$1,244
May 10, 1928—LOT 2 BLK 11, Burlingame Hills, Burlingame. Ira T. Bridges vs James S. James et al.....\$441.28
May 10, 1928—LOT 14 BLK 14, Burlingame Hills, Burlingame. San Mateo Feed & Fuel Co., \$375.96; Mansser Elec. Co., \$209.06; H. R. Park, \$1,179.77; S. A. Nelson et al, \$299.85; Ira T. Ridges, \$214, vs. R. D. Smith et al.....
May 11, 1928—LOT 14 BLK 14, Burlingame Hills. Albert L Solon et al, \$336.90; Michel & Pfeffer Iron Wks, \$568 vs R D Smith et al.....
May 11, 1928—LOT 2 BLK 11, Burlingame Hills. Michel & Pfeffer Iron Works vs James F James.....\$743.75
May 11, 1928—LOT 45 BLK 29, Vista Grand. Nick Prevezich vs John L Harfiman et al.....\$55
May 12, 1928—LOT 2 BLK 11, Burlingame Hills. San Mateo Feed & Fuel Co, \$971.79; L A Nelson et al,\$1478.20; Mansser Elec Co, \$708.25; H R Park, \$1463.30 vs James S James.....
May 3, 1928—LOT 22 BLK 37, Lyon & Hoag Sub, Burlingame. Morris Sorensen to whom it may concern.....May 1, 1928
May 4, 1928—LOT 3 BLK 2. Duncan Park. Redwood City. H H Duncan to whom it may concern.....May 4, 1928
May 4, 1928—LOT 5 BLK 59, Santa Inez Park. San Mateo. Albert H Eliott et al to whom it may concern.....April 26, 1928
May 4, 1928—PART LOT 15 BLK 9, Woodside Glens. C F Andrews et al to whom it may concern May 4, 1928
May 4, 1928—PART LOT 15 BLK 8, Woodside Glens. Harold Kelly et al to whom it may concern.....May 4, '28
May 4, 1928—LOT 20 BLK 11, Burlingame. Charles H Czopkay to whom it may concern.....May 2, 1928
May 5, 1928—PART LOT 139, West End Homestead, San Mateo. Frank

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded
May 2, 1928—LOT 63, Studio Heights, San Jose. J A Wagner to whom it may concern.....May 2, 1928
May 2, 1928—W PINE ST. 150 N Hopkins Ave N 40xW 100 Ptn Lots 5 and 6 Blk 8, Alha Park Addition, Palo Alto. O H Dahl to whom it may concern.....April 27, 1928
May 2, 1928—LOTS 18, 19 AND 20 BLK 2, Burns & Co's Subd of Vestal Survey, San Jose. Manuel Freitas et al to whom it may concern.....April 30, 1928

May 2, 1928—LOT 23 and SW 43 Lot 24, Schiele Subd., San Jose. Chas W Lannin to whom it may concern.....May 1, 1928

May 3, 1928—BEG. N CHANNING Ave and line bet. Lots 4 and 5 N 139.05 W 50 S 138.82; Channing Ave E 50 to beg Ptn Lot 4, Boyce Addn, Palo Alto. C H Hobbs et al to whom it may concern.....May 30, 1928
May 3, 1928—BEG ON LINE BET. Lots 10 and 13 150 NE Washington Ave, San Jose. R C Herschbach et al to whom it may concern.....May 1, 1928

May 3, 1928—LOT 22 BLK 14, Rose Lawn, San Jose. J W Azevedo et al to whom it may concern.....May 2, 1928

May 4, 1928—LOTS 44 AND 45 BLK C Tract No. 1, Redwood Estates. Rachel A Roskin to whom it may concern.....May 2, 1928

May 4, 1928—S 75 LOT 2, Lindo Vista Park, San Jose. Thomas Ellis to whom it may concern.....April 28, 1928

May 4, 1928—LOT 16, Carolyn Subd., San Jose. William A J Rushworth to whom it may concern.....May 1, 1928

May 4, 1928—LOTS 62 AND 63 BLK 16, Vendome Park No. 1, San Jose. James R Smith et al to whom it may concern.....May 4, 1928

May 4, 1928—W SAN PEDRO ST. 107-67 S Bassett St., San Jose. Blake, Moffitt & Towne to whom it may concern.....May 3, 1928

BUILDING PERMITS

SAN JOSE

RESIDENCE, 6-room, \$6800; 14th St. near Santa Clara St., San Jose; owner, Chas. A. DelPonte, 918 S-Ninth St., San Jose.

WAREHOUSE, 3-story, \$21,000; Pleasant and Julian Sts., San Jose; owner, Guggenbime Co., 150 California St., San Francisco; contractor, R. O. Summers, 17 N-First St., San Jose.

BUSINESS building, \$1700; The Alameda at Race St., San Jose; owner, N. L. McCreight, 269 S-Second St., San Jose.

RESIDENCE, 4-room, \$1750; No. 574 N-Seventeenth St. (rear), San Jose; owner, H. C. Bosshardt, 133 Arleta St., San Jose.

ALTER residence, \$1000; No. 930 S-Seventh St., San Jose; owner, J. W. Williams, 931 S-Eighth St., San Jose.

ALTER residence into apartments, \$1300 No. 755 Emory St., San Jose; owner, W. J. Berg, Premises.

BUILDING PERMITS

BURLINGAME

STATION, service, steel, \$1000; Lot 1 Blk 1, Broadway, Burlingame; owner, R. L. Button, 1421 Castillo Ave., Burlingame; contractor, Michel & Pfeffer, Tenth and Harrison Sts., San Francisco.

BUNGALOW and garage, \$5250; Lot 1 Blk 38, Peninsula Ave., Burlingame; owner, C. M. Tegner; contractor, Grove Pedersen, 708 Laurel St., Redwood City.

BUNGALOW and garage, \$5000; Lot 1 Blk 16, Lincoln Ave., Burlingame; owner, I. Sorensen, 1128 Lincoln Ave., Burlingame.

ADD room, \$1000; Lot D Blk 3, Acacia Drive, Burlingame; owner, O. Hensted; contractor, Thos. Gesso, 124 Vancouver Ave., Burlingame.

BUNGALOW and garage, \$6000; Lot 1 Blk 4, Adeline Drive, Burlingame; owner, Olive Coakley, 1048 Balboa Ave., Burlingame.

BUNGALOW, \$5000; Lot 21 Blk 26, Bayswater Ave., Burlingame; owner, I. B. Pate; contractor, McDonald & Harkins.

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and stucco, \$3700 No. 590 Amberst St., Palo Alto; owner, Frank E. Brock; contractor, F. F. Burkhardt.

RESIDENCE, frame and stucco, \$10,500 No. 1556 Webster St., Palo Alto; owner, Frederic J. Perry, 536 Lincoln St., Palo Alto; architect, C. Dakin; contractor, Barr & Son.

RESIDENCE, garage, frame, and stucco, \$15,000; No. 541 East Crescen Drive, Palo Alto; owner, Mrs. Sylvia Bolman; architect, C. K. Summer, 5 Post St., San Francisco; contractor, Harry Dabinett, 1741 Cowper St., Palo Alto.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

PEBBLE BEACH. All work for two-story residence.

Owner—The Merrell Investment Co. Carmel.

Architect—Elaine & Olson, 1755 Broadway, Oakland.

Contractor—C. H. Lawrence, 5321 Lawton Ave., Oakland.

Filed May 9, 1928 Dated May 5, 1928.

On or about the 1st and 15th of each month.....75% Usual 35 days.....Balance

TOTAL COST, \$28,000.

Bond, limit, forfeit, none. Plans and specifications filed.

MACHINE SHOP

ALISAL ST., Salinas. All work for one-story machine shop.

Owner—County of Monterey.

Architect—Not Given.

Contractor—E. F. Reese, McDougall Bldg., Salinas.

Filed May 8, 1928. Dated April 24, 1928.

TOTAL COST, \$11,619.

Bond, none. Limit 75 days from date of contract. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.

SALINAS. All work for one-story office building.

Owner—Salinas Title Guarantee Co., 40 W-Gabilan St., Salinas.

Architect—Albert F. Roller, Crocker 1st National Bank Bldg., San Francisco

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

On 1st day of month.....75% Usual 35 days.....25%

TOTAL COST \$17,856

Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING PERMITS

RICHMOND

OFFICE and flat, 2-story, \$3500; N Preble St., bet. 23rd and 24th Sts., Richmond; owner, Dr. Angelo Milledge, 1716 Macdonald Ave., Richmond; contractor, A. L. Rector, 425 Amador St., Richmond.

COTTAGE, \$2300; S Alameda St., bet. 57th and San Pablo, Richmond; owner, Joe L. Gaetani, R. F. D. 209, Berkeley; contractor, F. Miller, 228 R. F. D., Berkeley.

COTTAGE and garage, \$4000; E 32nd St., bet. Garrin and Clinton Sts.,

L McAfee to whom it may concern.....May 4, 1928
May 5, 1928—NE LINE PARTRIDGE Lane, Daly City. Victor Bjorkman to whom it may concern.....May 3, 1928
May 7, 1928—PART LOT 4 BLK D, Triso Park, San Mateo. George J Brown to whom it may concern.....May 1, 1928
May 7, 1928—LOT 18 BLK 13, Milbrae Highlands. S J Olatsson to whom it may concern.....May 4, 1928
May 3, 1928—PART LOT 5 BLK 9, Oak Knoll Manor, San Mateo. Geo. Erskin vs Ellward Emery.....\$85
May 4, 1928—LOTS 35, 36, 37 BLK 12, Vista Grand, San Mateo. Roma Hardwood Floor Co. vs Burt Youngs et al.....\$296

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
May 8, 1928—LOTS 27, 28, 29 AND 30 Blk 32, North Fair Oaks. Sudden Lumber Co to A Beckman.....	\$355.53
May 8, 1928—LOT 4 Part Lot 5 Blk 1, Easton. MacDonald & Kahn, Inc. to Vision Realty Co.....	\$21,080
May 8, 1928—LOTS 1 AND 2 BLK 4, Dumbarton Park. The Workman Co. all demanded; E G Pedersen, \$431.32; Granada Art Tile Co, \$116; C Dowall, in full to P M Schornfeld.....	\$277.16
May 8, 1928—LOT 1 BLK 4, Dumbarton Park. John Stura to Mark McCann et al.....	\$277.16
May 8, 1928—LOT 2 BLK 4, Dumbarton Park. John Stura to Mark McCann et al.....	\$155
May 8, 1928—LOTS 1 AND 2 BLK 4, Dumbarton Park. F B Helvie et al to P N Schoenfeld et al.....	\$538.03
May 8, 1928—PART BLK 4, Burlingame. Joseph Michel et al to S H Chase Lumber Co to C Thomas.....	\$794.90
May 11, 1928—BAY WOOD PARK. Standard Oil Co to Baywood Park Company.....	\$1,017.16
May 7, 1928—Location not given. South City Lbr & Supn Co. to G Parodi et al.....	

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$7500; Lot 14 Blk 3, Edinburg St., Baywood; owner, Lengfeld & Olund, 145 El Camino Real, San Mateo.

RESIDENCE, \$9000; Lot 10 Blk 3, Edinburg St., Baywood; owner, Lengfeld & Olund, 145 El Camino Real, San Mateo.

RESIDENCES (3) \$7500 each; Lots 11, 12, and 13 Blk 3, Edinburg St., Baywood; owner, Lengfeld & Olund, 145 El Camino Real, San Mateo.

RESIDENCE and garage, \$10,000; Lot 12 Blk 12, Fairfax Ave., Baywood; owner, C. C. Mallory; contractor, Geo. J. Maurer Co.

DWELLING, \$4000; Parts Lots 24 and 25, Noduo St., Husing Subd., San Mateo; owner, Geo. E. Fisher.

BUNGALOW, \$15,000; Part Lot 95, Barriohet St., San Mateo Park; owner, W. J. Eva, 110 Warren Road, San Mateo.

BUNGALOW, \$8000; Lot 239 N 1/4 Midway Ave., San Mateo Park, San Mateo; owner, John H. Way; contractor, Wallace Waterhouse, 23 11th St., San Mateo.

BUNGALOW and garage, \$5000; Lot 13 Blk E, 13th Ave., Hayward Park, San Mateo; owner, Estella A. Crawford.

Specify A
GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

Los Angeles, Calif.

816 W. 5th Street

Richmond; owner, C. M. Hinds, 2912 Ponticello St., Oakland.
 RES (2), \$10,500; S Macdonald Ave., bet. 10th and 11th Sts., Richmond; owner, Arnstien & Mitchell, % Portier Co., 411 15th St., Oakland; contractor, Wilbur C. Cone, 1103 Federal Bldg., Oakland.
 RES and garage, \$3300; N Roosevelt St., bet. 10th and 11th Sts., Richmond; owner, H. O. Farley, 23 Barrett St., Richmond; contractor, Waring & Pimu.

BUILDING PERMITS

MARTINEZ

RESIDENCE, 6-room and garage, \$5000; lot 6 Blk 4, Castro and Estadido, Martinez; owner, M. Madino; contractor, Volpi & Son.
 RESIDENCES (2) 6-room and garages, \$2500 each; Lot 17, Bet. Pine and La Salle Sts., Martinez; owner Chateau Bros.; contractor, F. A. Andrews.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$3000; No. 40 E-Arcade St., Stockton; owner, R. R. Wagner, 1050 W-Harding Way, Stockton.
 RESIDENCE and garage, \$4000; No. 620 Baker St., Stockton; owner, F. P. Dobson, 1120 W-Harding Way, Stockton.
 STORE building, \$35,000; No. 807 E-Weber St., Stockton; owner, Davis-Pearce Co., 47 N-Grant St., Stockton.
 MODEL building, \$45,000; No. 402 E-Main St., Stockton; owner, Bank of Italy Nat'l. Trust & Savings Assn., Premises; contractor, Lewis & Green, Commercial & Savings Bank Bldg., Stockton.
 RESIDENCE and garage, duplex, \$4600; No. 154 Stadium Drive, Stockton; owner, Ida B. Killiams, Sullivan Ave., Stockton; contractor, H. H. Thurston, 433 E-Wyandotte St., Stockton.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 May 7, 1928—BEG ON S LINE DEL Monte Ave 150 E of said S line Del Monte Ave C 20 th E 35 th N at right angle 20 th W at right angle 35 to lot of beg, Monterey. Pacific Gas & Electric Co to Berkeley Steel Construction Co. April 27, 1928
 May 8, 1928—LOT 6 BLK 130, Peter's Gate, Monterey. Herbert G Mayes to Paul Cademarton. May 5, 1928
 May 9, 1928—LOTS 9 AND 13 BLK 59 Map of Carmel. Hugh W and Mayotta B Comstock to whom it may concern. May 4, 1928
 May 11, 1928—E 65-1 IN BLK 169, Map Fifth Addition to Pacific Grove. Rubin Francis Huffman to whom it may concern. May 9, 1928
 May 11, 1928—LOT 25 BLK 6, Villa Del Monte. Metz Investment Co and C J Lee to whom it may concern. May 8, 1928
 May 11, 1928—PTN LOT 15 BLK 8, Map Live Oaks Park, Monterey County. Martin O'Brien to whom it may concern. May 5, 1928

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Amount
 May 10, 1928—LOT 10 BLK 75, City of Carmel. The Berger Mfg Co of California to R A and Jane Doe Kocher \$1318.24

LIENS FILED

MONTEREY COUNTY

Recorded Amount
 May 8, 1928—COR. DUTRA AND Madison Sts. being Lot 5 Blk 114-A Map of City of Monterey. M E Brazelton vs Joe and Sarah Di Maggio; Reserve Building & Loan Co and G W Brazelton \$330

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
 May 7, 1928—SAN RAFAEL. Charles W Johnson and wife to whom it may concern. May 7, 1928
 May 7, 1928—SAN RAFAEL. A Richard Tissot and W Clark to whom it may concern. May 5, 1928
 May 8, 1928—MILL VALLEY. James B Phelps to Melvin Klyce

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
 May 11, 1928—LOTS 9 AND 10 BLK 9 Map No. 2, Guernwood Terrace. T C and Mary L Spillane to whom it may concern. May 7, 1928

RELEASE OF LIENS

SONOMA COUNTY

Recorded Amount
 May 11, 1928—PTN LOT 26, Oak Grove Farms. Allan F Smith to Bellevue Grange No. 374. \$971.34

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 May 12, 1928—LOT 1 BLK 8, Subdv No. 2, Tuxedo Park, Stockton. Jos. A Plecarpo to whom it may concern. May 10, 1928
 May 10, 1928—LOT 9 BLK 8, City Park Terrace, Stockton. C H Barton to whom it may concern. May 8, 1928
 May 10, 1928—E CENTRAL AVE, bet Ninth and Tenth Sts., Tracy. Roy Van Vliet to whom it may concern. May 2, 1928

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
 May 8, 1928—E 20.75 acres of N 1/2 of SE 1/4 of Section 33. Hayward Lbr & Investment Co. vs Thomas Canvas and M. M. Coumas. \$105.73

BUILDING PERMITS

SACRAMENTO COUNTY

RESIDENCE, 6-room and garage, \$4000; No. 1724 Berkeley Way, Sacramento; owner, Le Roy Nelson, 12th Ave. and Stockton Blvd., Sacramento; contractor, W. T. Martin, 3717 Pacific Ave., Sacramento.
 BUILDING, business, \$1000; No. 1818 M St., Sacramento; owner, E. W. Eales. Premises.
 RESIDENCE, 5-room and garage, \$3000; No. 2125 24th St., Sacramento; owner, C. E. Moren, 2120 20th St., Sacramento; contractor, O. M. Froling, 409 W-El Camino St., Sacramento.
 RESIDENCE, 6-room and garage, \$3900; No. 1608 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
 RESIDENCE, 6-room and garage, \$3500; No. 1633 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
 GAS tanks, \$1500; No. 3809 Riverside Blvd., Sacramento; owner, Globe Term. Co.; 721 Bassettlaw Ave., North Sacramento.
 RESIDENCE, 5-room and garage, \$2500; No. 2117 48th St., Sacramento; owner, C. Yauett, 1009 8th St., Sacramento.
 RESIDENCE, 6-room and garage, \$4200; No. 3712 22nd St., Sacramento; owner, George Lawrence, 5016 12th Ave., Sacramento.
 RESIDENCES (2) 5-room and garage, \$3400 each; No. 1624 42nd St., Sacramento; owner, R. A. Person, 1807 Beverly Way, Sacramento.
 RESIDENCE, 4-room and garage, \$2800; No. 2951 31st St., Sacramento; owner, O. E. Dimmick, 3237 Donner Way, Sacramento.
 RESIDENCE, 4-room and garage, \$3400; No. 2947 31st St., Sacramento; owner, O. E. Dimmick, 3237 Donner Way, Sacramento.

RESIDENCE, 6-room and garage, \$3500; No. 3725 Jeffery Way, Sacramento; owner, I. R. Wahrhaftig, Nicolaus Bldg., Sacramento; contractor, Fred Stuckert.

RESIDENCE, 5-room and garage, \$4300; No. 4957 12th Ave., Sacramento; owner, J. P. Hardy, 915 V St., Sacramento.

RESIDENCE, 6-room and garage, \$4000; No. 1149 Fremont Way, Sacramento owner, J. L. Hefflin, 1133 Fremont Way, Sacramento.

ADDITION, \$7500; No. 330 K St., Sacramento; owner, Harney Goldstein, Premises.

RESIDENCE, 6-room and garage, \$4000; No. 932 3rd Ave, Sacramento; owner, Earl Long, 1544 48th St., Sacramento

RESIDENCE, 5-room and garage, \$3000; No. 1155 56th St., Sacramento; owner, A. J. Ozias, 1503 28th St., Sacramento.

RESIDENCE, 8-room and garage, \$4500; 1732 38th St., Sacramento; owner, J. M. Rogers, 5016 13th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 May 8, 1928—LOT 105 Boulevard Terrace known at No. 5016 7th Ave., Sacramento. F H Bell to whom it may concern. April 23, 1928
 May 7, 1928—LOT 14 J ST SUB. TCT 3, Sacramento. John J. Sundwick and wife to whom it may concern. May 3, 1928
 May 9, 1928—LOT 1 BLK 1 W Del Paso Heights, Sacramento. E S Ren to whom it may concern. May 9, 1928
 May 12, 1928—LOT 18, Wn Pacific Addition, Sacramento. Harold O and Christine Nygard to whom it may concern. May 12, 1928
 May 12, 1928—SACRAMENTO SHOP Grounds. Southern Pacific Co to whom it may concern. May 11, 1928
 May 11, 1928—LOT 2 BLK 1, W Del Paso Heights, Sacramento. Clare Lewis Johnston to whom it may concern. May 11, 1928
 May 11, 1928—LOT 12, McDannald Tct, Sacramento. O E and M M Dimmick to whom it may concern. May 11, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 May 11, 1928—LOT 57 W & K Tract No. 32, Sacramento. J C Hobrecht Co vs Gertrude and M L Misenheimer. \$77.75
 May 11, 1928—NO. 2616 FIFTY-FIFTH St. being Lot 3414, Elmhurst. Tilden Lumber Co vs Russell Olson. \$110.85

BUILDING PERMITS

FRESNO

DWELLING, \$4,000; 1311 College Ave., Fresno; owner, W. H. Richmond, 1233 Farris Ave., Fresno.
 DWELLING, and garage, \$4000; No. 1504 Poplar Ave., Fresno; owner, Lambert & Wood, 1576 Poplar Ave., Fresno.
 DWELLING and garage, \$3500; No. 1293 Safford St., Fresno; owner, S. A. Richmond, 242 Clark St., Fresno.
 DWELLING and garage, \$5000; No. 253 Hawes Ave., Fresno; owner, J. J. Weyland, 3943 Verrue Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
 May 7, 1928—S 20 ft LOT 2, LOT 1 (except S 20 ft.) Alvina Heights. Col W and Susan A. Williams to whom it may concern. May 5, 1928
 May 12, 1928—THEODORE ROOSEVELT High School, Fresno. Fresno City High School District to Angelus Furniture Mfg Co; Western Blind & Screen Co (2 completions). May 11, 1928
 May 11, 1928—WASHINGTON JUNIOR High School, Fresno. Fresno City High School District to Barrett-Hicks Co. May 10, 1928
 May 11, 1928—THEODORE ROOSEVELT High School, Fresno. Fresno

City High School District to Steve Ducich.....April 12, 1928
 May 12, 1928—W ½ LOT 11, Olive Heights, Fresno. H E Guyon to whom it may concern.....May 12, 1928
 May 12, 1928—LOTS 1 AND 2 BLK 11, Lisenby Terrace, Fresno. Ernest Scribner to whom it may concern.....May 11, 1928
 May 12, 1928—LOT 80-A Bullard N Fresno Acres, Fresno. Bullard Mutual Water Co to whom it may concern.....May 11, 1928
 May 8, 1928—LOTS 1 AND 2 BLK 3, Sierra Vista Terrace, Fresno. Wm Smith to whom it may concern.....May 8, 1928
 May 9, 1928—E 20 LOT D; W 40 Lot E Blk 19, Alta Vista Terrace, Fresno. Frank P Griffin to whom it may concern.....May 3, 1928
 May 9, 1928—LOTS 11 AND 12 BLK 5, Sierra Vista Addition, Fresno. C L Dart to whom it may concern.....May 5, 1928

CONSTRUCTION INDUSTRY CONDITIONS "SERIOUSLY DEMORALIZED"

Describing conditions in the construction industry as "seriously demoralized," leading builders from all parts of the country have organized the Allied Construction Industries Committee" to correct improper practices and to stabilize credit conditions." The new body, composed of representatives of general contractors and sub-contractors, was formed during a session of the recent conference in Washington, D. C., under the auspices of the Associated General Contractors of America.

Loose credits and mushroom growth of construction companies were cited as the leading cause for wasteful, delayed and faulty construction operations.

The organization includes members of the executive committee of the Associated General Contractors of America and two representatives of each of the

following trade organizations: United Roofing Contractors of America, National Association of Sheet Metal Contractors, Elevator Manufacturers Association, Heating and Plumbing Contractors National Association, International Association of Master Painters and Decorators of America; National Association of Building Trades Employers, Association of Electricians, National Association of Master Plumbers, International Cut Stone Contractors and Quarrymen Association, National Association of Marble Dealers, Contracting Plasterers International Association and Tile and Metal Contractors Association of America.

George B. Walbridge, Detroit, chairman of the committee, presided at the organization meeting, held May 9, and submitted a report of the session to the full conference.

In addressing the conference, Mr. Walbridge declared "hundreds of concerns operating in the construction industry are in a state of perpetual insolvency. They secure materials and equipment under loose credits, reaping their profits by failure to pay their bills and by using inferior materials and workmanship."

Development of remedial measures will be undertaken at a meeting of the committee to be held at Detroit next month. Foremost among these measures will be formulation of rules of ethical practices to Government relationship between owners, architects, engineers, general contractors, sub-contractors, material dealers and equipment manufacturers. Establishment of a rational credit system also will be undertaken as a primary move.

SCHOOL SKYSCRAPER IS BEING COMPLETED IN CHICAGO

Chicago's first "skyscraper university" is nearing completion. Classes will convene in it for the first time June 1. The

building erected by De Paul University is 16 stories high. Six additional floors later may be added, according to president, the Very Rev. Thomas Levan, C. M. The structure, costing \$3,000,000, was financed through the efforts of the De Paul Educational Society. Trustees of this corporation include George E. Brennan, political leader; D. F. Kelly, state street department store head; Francis X Busch, former corporation counsel and dean emeritus of De Paul's college of law; F. Lewis, manufacturer and Dean William F. Clarke of the university's law school. On the roof will be club rooms for both the men and the co-eds. A moot court is provided for the legal students.

PROHIBITS ADVERTISING SIGNS ON HIGHWAYS

Billboards, signs, posters or other means of advertising that might hinder the clear vision of the motorist or distract his attention from the road are prohibited along the highways of the Province of New Brunswick, by a new provision of the highway act. Previously the act had prohibited only the erection of signs on curves and approaches to curves.

PLUMBERS INSTITUTE

The Massachusetts State Association of Master Plumbers, Inc., recently held an institute on Heating and Plumbing with the co-operation of the Massachusetts Sanitary Club, and the Massachusetts Institute of Technology. This was the second such conference to be held by the master plumbers of the State the one last year having a registration of 476.

B. F. Martin will operate from 12 Hooper street, San Francisco, under the firm name of San Francisco Wall Board Company.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

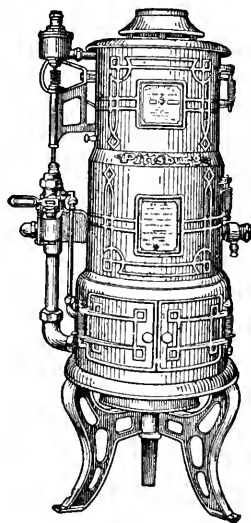
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

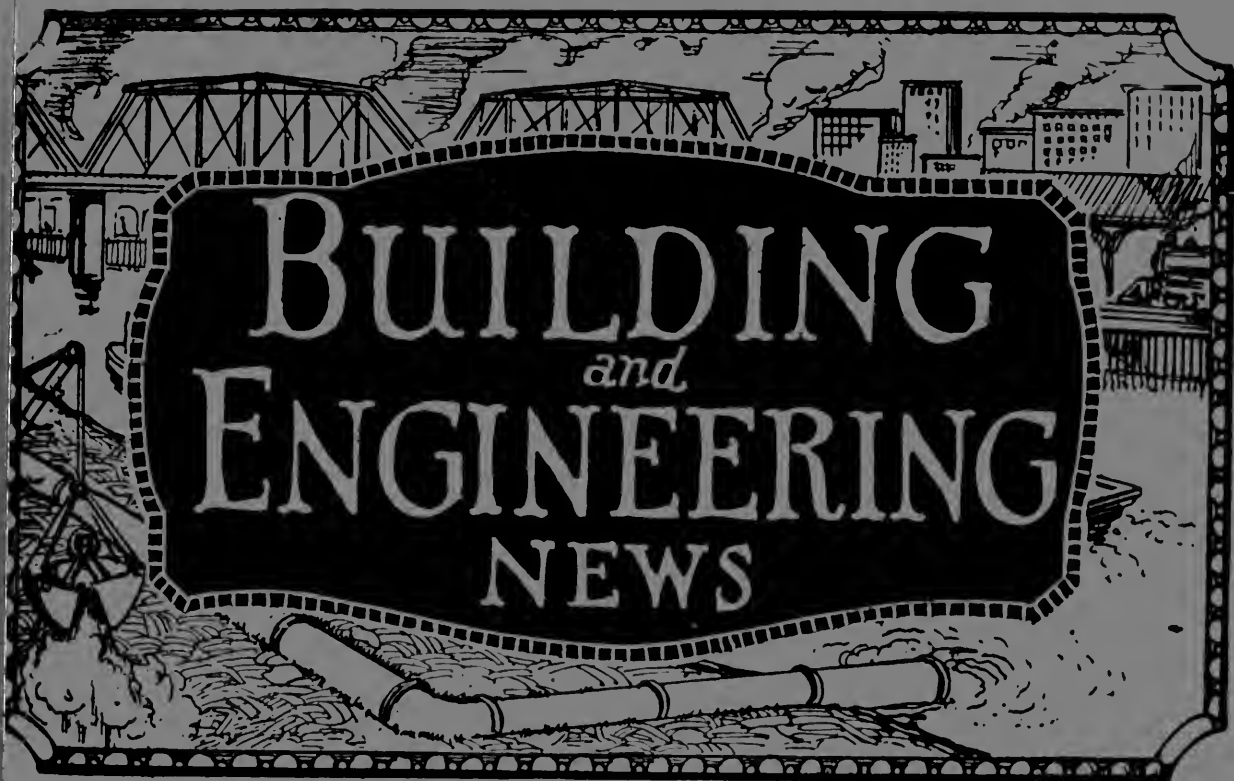
STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
47 Mission Street

SAN FRANCISCO, CALIF., MAY 26, 1928

Published Every Saturday
Twenty-eighth Year, No. 21

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

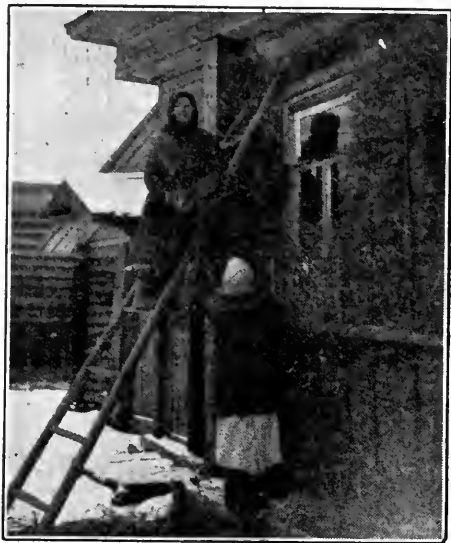
Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

Applying time - proved methods of insula- tion to modern day needs

NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

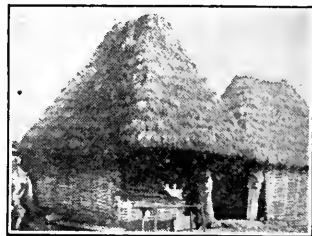
Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

SAN FRANCISCO, CALIF., MAY 26, 1928

Twenty-eighth Year, No. 21



547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

E. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

FACE LOOMS IN SEATTLE TRADE
5-DAY WEEK CONTROVERSY

Indications point to peace for the next few years between employing contractors and Seattle building trades craftsmen. The recommendation of the citizens industrial conference board that the union carpenters be granted a five-day week for four months of each year has been accepted by the carpenters providing that the four months' "vacation" period be allowed at the same time that the other trades are enjoying the five-day week. The acceptance of the carpenters has been put before the members of the Seattle chapter, Associated General Contractors of America, and that body's special committee will act on the conference board's recommendation. Secretary Bogert of the Seattle chapter, A. G. C., would not definitely state whether the contractors would accept the recommendation but intimated that such action might be taken if assurance is given by the tradesmen that no other issues be raised during the term of the new working agreement. The carpenters had demanded the five-day week throughout the year and the contractors had also been asked to recognize the building laborers' union, which they refused to do.

Should the agreement be signed Seattle will be the first major city in the United States to put the five-day week on an actual test in the entire building trades. For with the carpenters off Saturdays' building laborers, except for a few "clean-up" men would not be needed on the job.

Several Eastern and Middle West cities, notably Baltimore and St. Paul, are now on a partial five-day week basis in the building trades.

Seventeen building trades unions would be embraced in the blanket agreement which is contemplated, and which union officials believe will be adopted on a three-year basis as soon as the carpenters' issue is finally settled and a referendum ballot of all union members is held.

SIMPLIFIED PRACTICE RECOMMENDATION FOR FORMS FOR CONCRETE RIBBED FLOOR CONSTRUCTION NOW BEFORE INDUSTRY

Manufacturers, distributors, and organized users of concrete ribbed floor construction, are being circularized by the Division of Simplified Practice of the Department of Commerce, for written acceptance to the simplified practice recommendation for Forms for Concrete Ribbed Floor Construction, approved by a general conference held March 21, 1923, at Biloxi, Mississippi.

At least 80 per cent of the known manufacturers, distributors, and organized users must accept the recommendation in writing before it will be published by the Department of Commerce.

In the communication sent the industry the Division of Simplified Practice stated that "while the action of the first general conference is based on a careful study of conditions and requirements, it will be susceptible of such modifications as future trends in the industry may render desirable. In order to make the schedule conform with the best current practice of the industry, the conference appointed a standing committee to which any comments or suggestions should be sent that will make the recommendation more beneficial."

The recommendation will be reviewed by the standing committee for possible revision or reaffirmation one year from the effective date, which is July 1, 1923.

TIME LIMIT EXTENDED FOR CIVIL SERVICE EXAMINATIONS

The time limit for filing applications for positions of Mechanical Engineering Draftsmen, Architectural Designers and Estimators, in the Division of Architecture, has been extended to June 15th, according to W. A. Johnstone, President of the California State Civil Service Commission.

It would seem from application records that Civil Engineering Draftsmen are more interested in State service than Mechanical Engineering Draftsmen, since the proportion of applications stands at approximately 200 to 12. Mechanical Engineering Draftsmen connected with the Division are concerned with the design of heating, ventilating and water supply systems, plumbing and vacuum systems. These positions pay from \$170 to \$230 a month.

Junior Estimators with the Division estimate the quantity of materials necessary and the cost of constructing various buildings erected by the State. This position pays from \$170 to \$230 monthly.

The position of Architectural Designer involves the preparation of designs and estimates for important groups of institutional buildings and other important State buildings. The salary of this position ranges from \$285 to \$350 a month.

While but few new appointments are to be made, the Commission desires an eligible list for each of these positions to take care of necessary staff increases or replacements. Further information may be secured by communicating with the Commission's office, 331 Forum Bldg., Sacramento.

The James bill, to authorize the appropriation of \$15,066,260 for barrack construction at various military posts in the United States and territorial possessions, was approved May 21st at Washington by the House Military Committee.

OPINION ON CITY BUILDING RULE GIVEN BY LAWYER

In regard to the ordinance, adopted several weeks ago by the Palo Alto City Council, limiting the area to 50 per cent on which buildings can be erected in the apartment house zone, Breed, Burpee & Robinson, lawyers, answer an inquiry by E. H. Helm of Palo Alto regarding the validity of the city's law in the California State Real Estate Association's magazine as follows:

"You state in your letter that you own a lot in the apartment house zone in the city of Palo Alto, and that the council has passed an ordinance that lots in the apartment house district be built upon not to exceed 50 per cent of their area, the former percentage being 70 per cent. You ask whether such regulation is valid.

"Recent decisions, both in California and in other states, have definitely established the right of a city to establish reasonable zoning regulations. Likewise, there is no question but that setback lines, and also restrictions upon the total area of a lot which may be built upon, are valid, subject to the qualification, however, that the restrictions must be reasonable. To the extent that any such regulation is a cloak for confiscation, the courts will hold the same invalid. Whether or not the regulation is reasonable or is unreasonable, is a question which must be determined in consideration of all the surrounding circumstances, the nature of the city, the character of the surrounding improvements, the area available for the type of structure restricted, and the average size of the lots in the district affected. A restriction on the area which might be built upon would be valid in a residential district, where a restriction to the same extent would be doubtful in an apartment house district, and unquestionably invalid in a business district. We cannot say, therefore, as a matter of law, that the particular restriction to which you refer is valid or invalid. The question is one which, of presented in court, might be decided either way.

"You inquired with regard to the approximate cost of a case to determine the legality of the ordinance. This is impossible to estimate, as it depends upon the vigor of the defense of the city of Palo Alto, and also whether or not there would be any appeal from a decision given by the superior court."

BRITISH ARCHITECTS REQUESTED TO PLAN FUTURE AIRPORT

Budding British architects have been invited to peep into the future and submit plans of their idea of the best imaginative scheme for a London aircraft terminus suitable fifteen years hence.

The Royal Institute of British Architects is to decide the competition which originated with the Gloucester Aircraft Company and approved by other aviation interests.

The idea of the competition is to stimulate the imagination and foresight of architectural students and to assist them to visualize the influence which aerial development must have upon the design of a first class aerial terminus for land planes or amphibians only.

Designs will be submitted in September, and the awards made in October, the first prize being \$625 and the second \$100. The competition is limited to students under the age of thirty.

WORLD'S GREATEST BUILDING PROJECT—THE MERCHANDISE MART— ABOUT TO BE STARTED IN CHICAGO

Announcement is made in Chicago of one of the greatest and most interesting of modern building projects—the construction in that city of a gigantic Merchandise Mart to be twice the size of the largest business building in the world. This massive edifice, whose architecture will typify the Great American Building of today, will be two city blocks in length, 18 to 23 stories high, and will represent an investment of \$30,000,000. Construction will begin immediately.

The Mart will have a total floor space of about 4,000,000 square feet, as compared with slightly less than 2,000,000 square feet, which is the floor area of the Chicago Furniture Mart—the next largest building. Each of the eighteen main floors will have an area of over 200,000 square feet. The structure will be topped by a five-story tower.

This project includes the largest single development of air rights so far scheduled. The property, except for the 553 caissons extending to bed-rock, begins 23 feet above "datum." The site is that of the former passenger station of the Chicago and Northwestern Railway. The building will extend 724 feet on Kinzie street, 577 feet on the Chicago river front and 324 feet on Wells street, with a diagonal frontage facing Orleans and Franklin.

This massive structure will be one of the most imposing masses in the country, according to the architects, Graham, Anderson, Probst & White, and will be set back from the river about eighty feet, and a drive, which will be the start of a North Bank Boulevard, will run between the river and the facade of the building. A river wall of stone, similar to the Wacker Drive walls, will make a stylobate for the whole.

The lower three stories will form a base of stone from which the main structure rises fifteen additional stories, and a broad tower of five stories, not high considering its width of 120 feet, will mark the center of the facade. At the base of the tower will be the main entrance, simple and impressive, flanked by two great basereliefs of a heroic scale. These sculptures will be compositions representing the romance of industry and merchandising, and will be of sufficient strength to be admired from across the river. Between the broad pilasters on the facades there will be large show windows for display. In the entire structure there will be a total of 5500 glass windows.

The general shape of the lot is a rhomboid and the angles are turned by having the four street fronts terminate in octagonal towers. These towers, as well as the central tower, also octagonal, are roofed with flat stone roofs, giving a feeling of strength and stability and the three upper stories are terraced back in steps as they butt into the towers.

Entrances on Franklin and Wells streets lead to the main lobby on the center of the river front. The lobby opens up into the many activities and facilities which will greet the buyers of the world and make them at home.

The masonry exterior partly stone will be carried out in a soft gray material with a conservative use of color, and the pier and window relation has been studied to convey to the quick glance of the passerby an appreciation of the colossal character of the project.

Comparison of the cubage of the largest buildings in the world shows the Merchandise Mart will be more than twice the size of the largest business

building ever constructed. Here are the figures in cubic feet:

1. The Merchandise Mart, \$53,000,000.
2. Chicago Furniture Mart, \$25,370,000.
3. Equitable Building, New York City, 24,000,000.
4. General Motors, Detroit, \$20,411,000.
5. Union Trust, Cleveland, 20,000,000.
6. Railway Exchange, St. Louis, 18,898,000.
7. Illinois Merchants Bank, Chicago, 17,850,000.
8. Continental & Commercial Bank, Chicago, 13,200,000.
9. Woolworth Building, New York City, 13,200,000.
10. Straus Building, Chicago, 10,000,000.

The big business of the country is now done in concentrated market places, as evidenced by the Garment Center and Cotton Goods Center in New York City, automobile rows in all the leading cities, financial buildings, and the Furniture Mart in Chicago. The establishment of the Merchandise Mart is a dramatic development in the program to make Chicago the Great Center Market, a movement which the Chicago Association of Commerce started a number of years ago.

This great Mart, which will house several hundred of the country's foremost manufacturers, wholesalers and importers will be located in the rapidly developing new river district, and will occupy a distinctly conspicuous position just across the river from Wacker Drive at Wells street where the southern facade of the structure will be visible for blocks.

Within the walls of this huge edifice the retail merchants of the United States, Canada and foreign countries will be able to see, under one roof, hundreds of lines of the world's best merchandise. The manufacturers' exhibits will include textiles, ready-to-wear, toys, laces, gloves, hosiery, corsets, millinery, silverware, glass, rugs, knit goods, shoes, men's wear, notions, fancy goods, art and antiques, jewelry, trunks, toilet articles, house furnishings, office equipment and scores of other merchandise displays. Among the largest tenants will be the wholesale and manufacturing sales departments of Marshall Field & Company.

On all floors of the Mart will be great corridors, with all the appearance of boulevards, 650 feet in length, on either side of which will be the shops displaying their varied lines—veritable "business streets." These great corridors will be impressively treated architecturally and with the large space available it will be possible to house the selling activities and warehousing of many allied concerns on the floor, thus attaining the advantages of concentrated groupings.

The facilities of handling merchandise within the building will embody the best and most modern achievements of engineering science, including fast elevators, freight conveyors of both the gravity and endless chain type and quick horizontal distribution on every floor.

Probably no building in the world will have such facilities for receiving and shipping merchandise as the new Merchandise Mart. The entire ground level below the street floor will be a modern freight station. Private tracks for incoming carload freight will extend under the center of the building. The Chicago and Northwestern Railway will operate an inbound freight station for less than carload lots, as well as an outbound station, which will connect with all other roads through its new Proviso yards. The merchandise as it comes into this big freight station will be loaded into high-

speed conveyors, which will transport the merchandise to the exact floor and aisle of the merchant for whom it is intended.

Connection will be made with the Illinois Tunnel Company's system of freight transportation, which has more than sixty miles of tracks beneath the streets and buildings of the city, reaching all other railroad terminals. A river dock for vessels will connect with the south freight elevators of the building.

Every possible facility will be provided for the comfort and convenience of the retail merchant, who under one roof will be able to see hundreds of lines, thus saving time and money by doing in a few hours what ordinarily would take him days to accomplish.

One of the interesting features planned for the Mart will be a Merchants' Club in the tower of the building, with lounge rooms, reading and smoking rooms, where the retailer may relax and meet his friends. The Mart will give the retailer everything but a place to sleep. He can go direct from the train to the Mart with his baggage. Here his hotel reservations will be taken care of, his baggage transported to his hotel and placed in his room. Restaurants, lunch rooms and grills in the Mart will further economize his time. He will have the facilities of a barber shop, and a branch postoffice, telegraph office and public stenographers will afford him the opportunity to handle his correspondence without leaving the building. One of the biggest telephone exchanges in the world will be installed in the Mart.

SEE ILLUSTRATION OF BUILDING
ON NEXT PAGE

SACRAMENTO PROPOSES TO LIMIT BUILDING HEIGHTS

Sacramento architects and builders are showing considerable interest in the proposed ordinance to be submitted to the city council for adoption or rejection which would limit the design, height and construction of commercial buildings in the city in order to insure proper sunshine and light in the streets and circulation of air.

The idea of restricting the erection of tall buildings in order to avoid the dark channel streets so common in New York City has been in the minds of the city officials for some time and was discussed recently at an informal meeting of the council and city planning board.

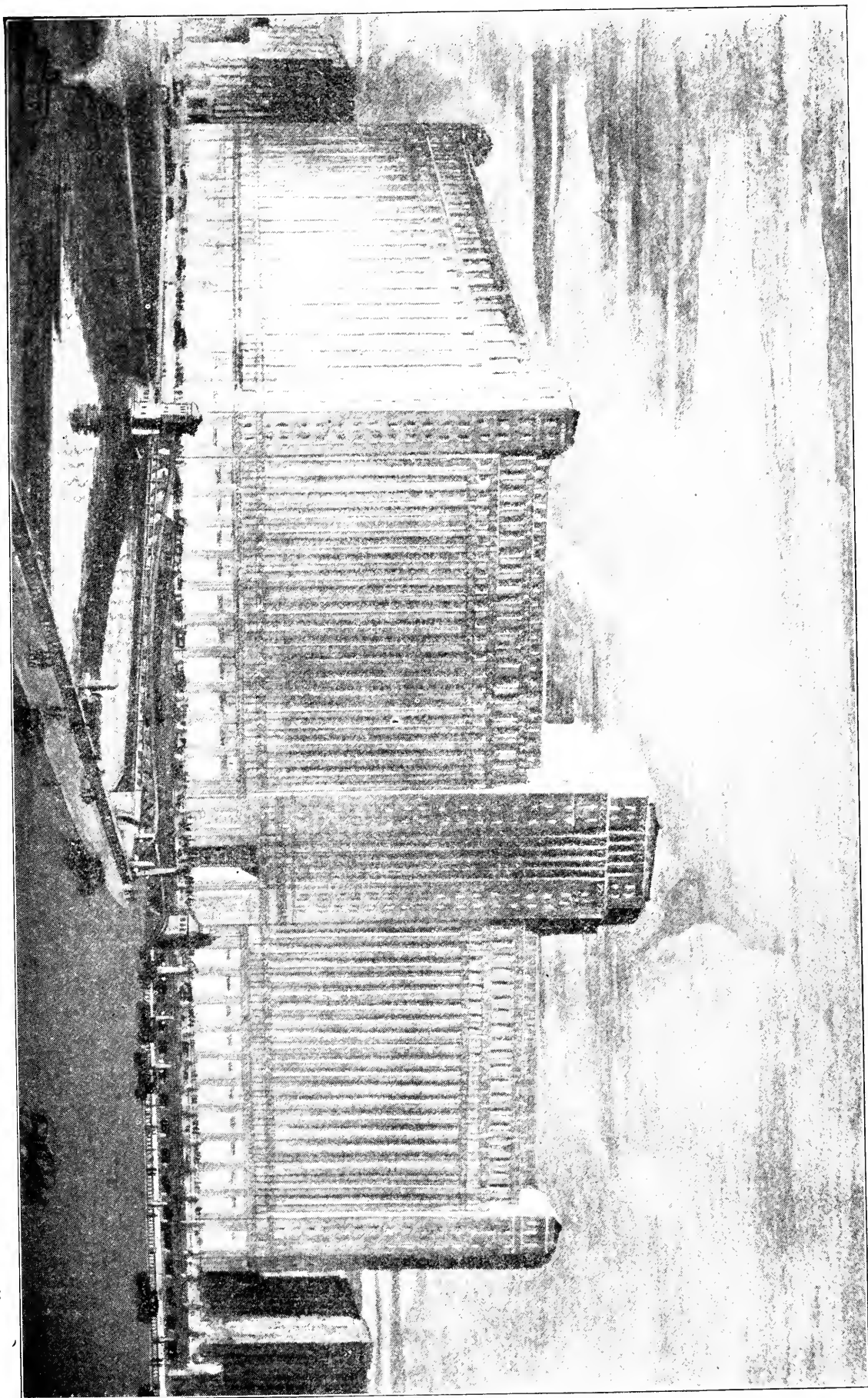
The proposed ordinance would allow the construction of buildings no higher than six stories in the area between Eleventh and Twentieth, N and Q streets; between Front and Twenty-first, North B and R streets; Twenty-first street and Alhambra boulevard, North A and North B streets; and on R street between Twenty-first street and Alhambra boulevard.

Higher buildings may be built in the present downtown area, although the ordinance would limit the height at the property line to one and one-half times the street width. Above that, setbacks would be constructed on the basis of one foot for each three feet of additional height.

The setbacks are declared necessary in order to allow sunlight to reach the lower floors of buildings on the opposite side of the street.

Public hearings on the proposed ordinance will be held soon before the draft is formally submitted to the council for action.

Saturday, May 26, 1928



The Merchandise Mart—pictured above—will be twice the size of the largest business building in the world. It will be two city blocks in length, 18 to 23 stories high, and will have a total floor space of about 4,000,000 square feet. The structure will be topped with a five-story tower. *Graham, Anderson, Tinker, & Looney*

MOREHEAD NAMED ARCHITECTURAL CHIEF AT CARNEGIE INSTITUTE

Dr. James C. Morehead, Associate Professor and Curator of the Department of Architecture, it is announced, will be in charge of the summer courses in architecture this year at the Carnegie Institute of Technology in Pittsburgh. Professor Camille E. Grapin, the eminent French architect, who is a member of the regular faculty staff, will also be available to conduct courses in architectural design and outdoor sketching. Associate Professor Harry S. Lightcap will be in charge of the course in mathematics for architectural students. Other courses listed for the summer session include descriptive geometry, shades and shadows, and perspective.

The summer courses in architecture are scheduled for the six weeks' period between June 11 and July 21. They are intended primarily, it is announced, for draftsmen from architects' offices who desire to supplement their office experience by school training and for students who wish to continue their work in the vacation period for credit or entrance preparation.

CEMENT PLANT FOR AMADOR COUNTY BEING CONSIDERED

Representatives and members of an eastern firm intending to take over the development of the cement industry in the Volcano section of Amador county were recently inspecting the holdings.

At the present time surveyors are in the field and a survey is now being made embracing a tract of between 350 and 400 acres. Already representatives of the company have secured options from different property owners.

Different surface tests have been made on the properties embraced in the tract and with excellent results. At present drilling is under way to determine the extent of the cement producing rock, and from indications there is an extensive supply. Officials of the company who are promoting the project are enthusiastic over the possibilities.

The development of the project in Amador county will necessitate the expenditure of a large sum of money. At present plans are being made for the extension of a broad gauge railroad line to the workings at Volcano, it is claimed an extension from Ione. Contracts are now pending for drilling on the property with a diamond drill. It is estimated that between \$3,000,000 and \$4,000,000 will be required to finance the proposition.

NEW MANUFACTURING PLANTS IN U. S. FOR 1927 LISTED

Announcement is made by the Chamber of Commerce of the United States (Washington, D. C.), that the report "1927 New Manufacturing Plants" has been prepared and is now available upon request. This report is an attempt to analyze the distribution, kinds and relative sizes of manufacturing industries which were started new, from the viewpoint of the community, during the year 1927, whether entirely new or primary plants, or branches, or removed plants.

The Chamber defines, for the purpose of this report, a manufacturing plant as an organization which changes the character of material by a manufacturing process. A primary plant is one started de novo. A branch plant is a branch established in a city other than where the parent or main plant is located, and does not include new departments, expansions, or branches established in the same city where the main plant is located. A removed plant is one removed from one city to another and does not include removed branch plants. Additions to existing plants, warehouses, sales offices, wholesale and retail concerns are not included in this report.

HOWARD SIMMONS IS ADVANCED BY STEWART INSO BOARD CO.

Howard Simmons, for the past seven years general sales manager of the Wood Conversion Co., Minneapolis, Minnesota, has been appointed assistant to the president of the Stewart Inso Board Co., St. Joseph, Missouri, according to an announcement just made by Mr. A. D. Stewart, president.

Simmons has been in charge of the sales of Balsam Wool and has spent twenty years in work closely associated with the lumber and building material industry.

The Stewart Inso Board Co., started shipping their new product March 1st and their plant at St. Joseph, Missouri, has been running day and night since



HOWARD SIMMONS

that time. Carloads of Inso Board have been shipped to the four corners of the United States, and one shipment has been made to Holland, during the past sixty days, it is announced. Delay, due to mechanical problems caused shipments to be held up during the winter months, but difficulties have now been overcome, according to Mr. Stewart, and shipments will proceed without any further trouble.

Arrangements have already been made by some of the best known lumber and building material jobbers in the country for franchises for Inso Board and the list of dealers includes well known firms in the industry.

CALVARY PRESBYTERIAN CHURCH GETS AEOLIAN-VOTEY ORGAN

Calvary Presbyterian Church in San Francisco is to have a new four manual and echo Aeolian-Votey Pipe organ, a gift of Mr. and Mrs. John A. McGregor, is the announcement made today by Theodore Strong, Manager of the Aeolian-Organ Department of Sherman, Clay & Company. The specifications of the organ were drawn up by Mr. Otto Fleissner well known San Francisco organist, and will give Calvary Church one of the finest and most complete pipe organs on the Pacific Coast. Mr. Frederick Meyer is the architect in charge of alterations to the church auditorium. It is planned to have the organ ready for dedication at the Christmas season.

ADOPTS TRADE NAME

Louis Martin and Al Galeria will operate from 4339 E-Fourteenth Street, Oakland, under the firm name of Airport Sheet Metal Works.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715 57 Post Street, San Francisco, (Phone Sutter 1684).

K-61-X-4809-C-S CIVIL ENGINEER
to teach steel and reinforced concrete design. May also give some graduate courses in structural engineering. Term 10 months. Apply by letter. Location, South.

R-1666-S STRUCTURAL ENGINEER
35-40, pref. technical graduate with good record of experience on structural steel work for sales promotion to architects and contractors. Sales experience preferred, but not required. Salary open. Apply by letter. Location, San Francisco.

R-1654-S SALESMAN, preferably with some training or experience in combustion of fuels to sell standard line of oil burner equipment to owners at architects. Commission only. Location, San Mateo County.

R-1647-S ESTIMATOR AND DRAFTER of reinforcing steel. Must have both inside and outside experience and be able to do rapid work. Salary open. Location, San Francisco.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

Edward E. Stevenson, of Los Angeles **HOISTING HOOK**. This invention has to do generally with hoisting hooks and is more particularly concerned with "safety" hooks, that is, hooks with means for closing their throats after they have been applied to work. Mr. Stevenson assigns his patent to D. & B. Pump and Supply Company.

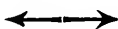
Fred F. Conwill, of Berkeley, **PAINT FOR DECORATING**. One of the objects of this invention is the provision of a paint which a decorator may simultaneously obtain a stippling effect and produce a design on a freshly painted surface.

Frank William Grady, of Los Angeles **ELEVATOR LINK FOR SUCKER RODS**. An object of this invention is to provide a link which may be readily and easily connected with the usual tubing elevator without making changes in the construction thereof.

STANDARDIZATION OF DESIGN IS HIT BY A. I. A.

Standardization of design threatens the Nation's architecture, the board of directors of the American Institute of Architects declared in a report for submission to the sixty-first convention of the institute, meeting in St. Louis, May 17. Fear was expressed that design may become "ordinary, humdrum, and nondescript," reducing communities all over the United States to a common level. "There is even now becoming evident in our work from coast to coast, from the Great Lakes to the gulf, a universal product made to sell, and this cannot be attributed alone to the efforts of the uneducated or inefficient architect," the report said. "Historical associations appear to be more and more neglected and considered by members of the profession as of diminishing or little importance," the report continued. "In consequence a certain charm and the resulting surprises that might properly be anticipated in traveling, here or there, are less easily found as time goes by."

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Joseph Unger will operate from 210 North St., San Francisco, under the firm name of Unger Electric Company.

R. Arnold of Martinez has been appointed city engineer of Concord, Contra Costa County, succeeding R. L. Clee, resigned.

V. C. Blean, general contractor of Cusa, died in that city May 20. His death, occurring at the age of 57 years, came after a protected illness.

Circle Equipment & Construction Co. of San Francisco, has been incorporated. Directors are: Helmer Dickey, O. B. Smith and J. B. Currie.

I. E. Macauley of 5344 Lawton Ave., Oakland, and F. M. Butler of 635 El Dorado Ave., Piedmont, will operate under the firm name of Pacific Construction Company.

F. McCarthy, Harry A. Booth and C. Little will operate from 443 Fulton St., San Francisco, under the firm name of Diamond Point Roofing Company.

An ordinance regulating roofing has been passed by the San Diego city council. It prescribes the quality of materials and workmanship required and will require roofing contractors to give bond guaranteeing work to be in conformity to the ordinance.

California Vibrolithic Company, Citizens National Bank Bldg., Los Angeles, announces change of firm name to Compressed Concrete Company, as more fully expressing the type of pavement which it builds.

Exports of electrical equipment from the United States during the month of March amounted to \$9,668,279, a gain of \$100,200 as compared with the corresponding month in 1927, according to the electrical equipment division, Department of Commerce.

Builders' Exchange of Monterey County held a banquet-meeting May 15 at Pine Bluff, Carmel, with thirty-six members of the organization present. W. O. Raiguel of the Del Monte Properties Company and M. J. Murphy were the principal speakers.

Samuel S. Sproat, president and general manager of the Ward Heater Co., died suddenly May 9 at Dallas, Texas, of heart disease. He had gone to Dallas to attend the convention of the National Association in that city and also to open a distributing branch for his company.

Production of pig iron in Great Britain during April totaled 555,000 tons, compared with 680,000 tons in April of last year. The output of steel ingots and castings was 644,000 tons, as against 9,000 tons in April, 1927. Furnaces in blast at the end of the month numbered 9, a decrease of one during the month.

Sixty members of the Stockton Chamber of Commerce were guests at a luncheon meeting May 17 in the plant of the Stockton Paint Company, Market and Buren streets, Stockton. Previous to the luncheon an inspection of the plant was made. The process of manufacture was explained to the visitors by Everett Wolf, president of the company.

Chas. S. Howard, auto dealer and capitalist, is reported to have purchased the property at the northeast corner of Post and Stockton streets for a price of \$1,250,000. The site is improved with a six-story Class B building.

Four hundred delegates to the annual convention of the California Master Plumbers' Association journeyed to Richmond, Contra Costa County, May 17 to inspect the plant of the Standard Sanitary Manufacturing Company. The inspection tour was ably handled by fifteen employees of the plant who explained the process of manufacture from the preliminary stages to the finished product.

Suit has been filed in the U. S. District Court at Sacramento by the United States Government against the Sugar Pine Investment Company to set aside patents to 3,000 acres of timber land, valued at \$300,000, located in Humboldt County. The patents were issued in 1902 and the government alleges in its suit that they were fraudulently issued to "straw" men by the company in filing on the lands.

Plans for a uniform building code for the entire Peninsula will be discussed at a meeting to be held in the San Mateo City Hall next Monday night. J. C. Mackie of Long Beach, manager of the Pacific Coast Building Officials' Conference, will be the principal speaker at the meeting which will be attended by building inspectors, contractors and material dealers, building loan executives and others.

An offer of a free round trip ticket to Alaska has been made by the Pacific Coast Cement Company to the individual who selects the best name for the first of the two steel steamships to enter service of the Pacific Coast Steamship Company in transporting limberock from Dall Island, Alaska, to the million-barrel capacity cement plant now under construction at Seattle. The contest closes May 26. Further information obtainable from Pacific Coast Cement Co., 615 L. C. Smith Bldg., Seattle.

"Mundet Jointite Cork Tile" is the name of a new bulletin just published by L. Mundet & Son, Inc., 461 Eighth Ave., New York City, specialists in the manufacture of cork products. Copies will be furnished on request. Ask for "A.I.A. File No. 23b—Cork Tile Floors."

Billie George, president of the San Francisco Builders' Exchange, was a topic of discussion down in Pasadena last week. George W. Israel, secretary-manager of the Pasadena Builders' Exchange, in his weekly bulletin in speaking of "our Billie" says: "W. H. George is a substantial and powerful man in the North Exchanges, as is evidenced in his San Francisco Exchange and when he talks he is listened to, for he talks construction right from the shoulder. He says a lot in a few words." Such statements as these bear out the fact that the Southern California construction interests are sincere in their statement "there is no North and South in California—it's all one state." The writer recalls this statement of a leader in the Southern California construction field at the last convention of the State Builders' Exchanges in Santa Cruz. The spirit of co-operation exists on both ends which means greater accomplishments for the construction industry.

The American Federation of Labor inaugurated the five-day week for its Washington, D. C., office force, effective May 18. All employees having Saturday and Sunday off with no loss in pay. The schedule will be effective the year round.

During the first fifteen days of May, 1928, the Los Angeles city building department issued 1692 permits with an estimated valuation of \$4,518,721. For the corresponding period in April, 1928, the number of permits issued was 1521 and the estimated valuation was \$5,227,595 while for the first fifteen days of May a year ago the number of permits was 1700 and the estimated valuation \$4,274,535. For the current year up to and including May 15 Los Angeles' building total was \$38,389,122 as compared with \$41,549,034 for the corresponding period last year.

Antonio G. Canalizo, la. De Cante No. 1, Mexico, D. F., owner of 167,402 acres of virgin forest on the Gulf of Mexico, clear of indebtedness, is interested in making the proper financial connections to exploit these vast natural resources of hardwoods such as—mahogany, cedar, zapota tree, balsamo of Peru, logwood, etc. The property, partially developed, is self-supporting with 47 miles of tramway, telephone line, numerous buildings, warehouses and other valuable improvements. Taxation is low on forest lands in Mexico. Further information is available from Mr. Canalizo if you are interested.

The proposal of the Northern California Chapter, Associated General Contractors of America, to the executive board to hold the national convention for 1929 aboard the Steamship California en route from San Francisco to New York, via the Panama Canal, has been accepted, conditional on sufficient reservations being made to assure the success of the affair. Should these not be obtained the next convention will probably be held at Chicago.

Geo. E. Taylor, Manager, Central American Agencies, Apartados 679, San Jose, Costa Rica, (manufacturers' agents), is desirous of establishing connections with interested exporters of Douglas fir, California redwood, etc., for which there is an extensive market in Costa Rica. He is also in a position to introduce lines of other San Francisco manufacturers of merchandise or building materials, wishing to market their products in Costa Rica on a commission basis.

Licensing of all plastering contractors in Richmond and the posting of a bond of \$1000 by each licensed contractor is provided for under the terms of an ordinance being studied by the Richmond city council and which is to be introduced at an early meeting. The ordinance is similar to those now in effect in Oakland, San Leandro and Hayward, and has the approval of the Richmond plasterers. It is designed to prevent "fly by night" plasterers from operating in Richmond on small jobs, and to insure better plastering work. Provision is made for inspection of plastering work by the city building inspector, and a fee is included. It was declared that the additional cost of each job would be nominal under the new ordinance. Plumbers are now the only building contractors required to post a bond in Richmond.

Building News Section

APARTMENTS

LOS ANGELES, Cal.—E. R. Abbe, 172 N. L. Brea Ave., will build 3-story brick apartments on Vermont Ave. near Greenwood for self; 24 single and double apartments; 55x110 feet.

LOS ANGELES, Cal.—H. Gorelink and T. Rogoff, owners and builders, 401 S. Kenmore Ave., granted building permit for 5-story, 128-room, 59-family Class B apartments, 65x123 feet, at 629 S. Serrano St.; Louis Seldon, architect, 508 Byrne Bldg.; steel frame and brick walls; \$130,000.

LOS ANGELES, Cal.—C. J. Smale, architect and builder, 1124 S. Western Ave., granted building permit for 4-story, 100-room, 28-family Class C apartments 70x120 feet, at 901 Gramercy Pl. for Geo. A. Dudley; brick walls, structural steel; \$100,000.

To Be Done By Day's Work.
APARTMENTS Cost, \$100,000
SAN FRANCISCO. E Leavenworth St. N Greenwich St.
Six-story and basement Class C apartment building (24 apts.)
Owner and Builder—J. E. Scully, Phelan Bldg., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco

To Be Done By Day's Work.
APARTMENTS Cost, \$150,000
SAN FRANCISCO. NE Leavenworth and Greenwich Sts.
Six-story Class C apartment building (36 apts.)
Owner and Builder—J. E. Scully, Phelan Bldg., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

SAN FRANCISCO, Cal.—Victor Bjors, 695 3rd Ave., has purchased the property on the north side of Vallejo St. west of Octavia, and plans the erection of a six-story and basement steel frame and concrete apartment building. More definite information will be given at a later date.

LOS ANGELES, Cal.—M. Herman Gayer, 426 Merchants National Bank Bldg., will build a 4-story Class C apartment building at 3rd and Hoover Sts. for self; plans by F. Sward, Hibernian Bldg.; 156 rooms divided into 16 single and 44 double apartments, 100x150 feet; \$200,000.

SANTA MARIA, Santa Barbara Co., Cal.—Architect Fred Dorn, 908 Rives-Strong Bldg., Los Angeles, taking bids for 2-story Class D apartment for Mr. Osenbeck; 24 single and double apartments and one 3-room apartment; frame and stucco construction; \$50,000.

LOS ANGELES, Cal.—Architect Chas. C. Frye, 526 Pacific National Bank Bldg., taking sub-bids for 4-story Class C apartment, 60x108 feet, to be erected on Detroit St. north of Wilshire Blvd., for Ray Burrows; 28 single and double apartments, brick construction.

LOS ANGELES, Cal.—Architect C. J. Smale, 1124 S. Western Ave., taking segregated bids for 4-story and basement apartments at 9th St. and Gramercy Place, for George A. Dudley; brick construction; \$200,000.

To Be Done by Day's Work.
APT. BLDG. Cost, \$35,000
SAN FRANCISCO, SE 17th Ave and Lincoln Way.
Three-story and basement frame and stucco apt. bldg. (12 apts.)
Owner and Builders—Stemple & Cooley, Hearst Bldg.
Architect—J. C. Hladik, Monadnock Bldg.

Sub-Bids Will Be Taken in One Week
APT. BLDG. Cost, \$100,000
OAKLAND, Alameda Co., Cal., N Central Ave. near Alameda.
Three-story and basement frame and brick apt. bldg. (133 apts.)
Owner and Builder—Ray Blanco, 717 Carlsen Ave., Oakland.
Architect—Engineer—Thomas J. Keenan, 36 15th St., Oakland.

LOS ANGELES, Cal. — Helfond & Finkelstein, builders, 546 Macy St., granted building permit to erect two 4-story, 59-family, 128-room Class C apartments, 42x190 feet, at 1716 and 1724 N. Edgemont Ave. and a Class C garage, 110x84 feet, at 1716 N. Edgemont Ave. for Edgemont Investment Corp., Box 1122, Station C, Los Angeles; plans by B. Fleming, 549 Macy St.; \$195,000.

Contract Awarded.
APARTMENTS Cost, \$50,000
OAKLAND, Alameda Co., Cal. NW Fruitvale Ave. and E-Twenty-third
Three-story frame and stucco apartment building (36 rooms).
Owner—James and Elinore Forster, 4609 Dolores Ave., Oakland.
Architect—None.
Contractor—James S. Forster, 4609 Dolores Ave., Oakland.
Building permit applied for.

Contract Awarded
APT. BLDG. Cost, \$10,000
BERKELEY, Alameda Co., Cal. 2309 A. B. C. D. and Acton Street.
One-story frame and stucco apt. bldg. (13 rooms and nine Class C garages).
Owner—E. Scolari, 3521 Laguna St., Oakland.
Architect—S. H. Vere, 20557 87th Ave., Oakland.
Contractor—V. Giannoni, 2328 Curtis St., Berkeley.
Building permit applied for.

Contract Awarded
APT. BLDG. Cost, \$11,000
BERKELEY, Alameda Co., Cal. 2305 A. B. C. D. and Acton Street.
One-story 13-room, 5-family apt. bldg.
Owner—E. Scolari, 3512 Laguna St., Oakland.
Architect—S. H. Vere, 20557 87th Ave., Oakland.
Contractor—V. Giannoni, 2328 Curtis St., Berkeley.
Building permit applied for.

LOS ANGELES, Cal.—M. Herman Gayer, 426 Merchants National Bank Bldg., has had plans prepared and will erect two 4-story class C apartments on block

bounded by Melrose Ave., Hoover St. and Lucille Ave., for self; each building will contain 24 single and double apartment and the combined cost will be \$220,000. Brick construction; 50x300 ft. each. Bids will be taken on subcontracts at once.

Sub-Contracts Awarded
APARTMENTS Cost, \$40,000
SAN FRANCISCO, N North Point St., Broderick St.
Three-story and basement frame and stucco apartment building (6 apts.)
Owner—Sol Scherman, Portland, Ore.
Architect—Mark Scherman, Portland, Oregon.
Contractor—Spivock & Spivock, Hobart Bldg., San Francisco.
Lumber—J. H. McCulloch, 748 Bryant St.
Plumbing—Gus May & Son, 3663 18 Avenue.
Electrical Work—W. B. Baker & Co., 26th St.
Refrigerator—Frigidaire Air Sales Co., 8 Mission St.
Roofing—Jack Johnson Roofing Co., 7 Joost Ave.
Heating—Atlas Heating & Ventilating Co., 557 4th St.
Mill Work—Harder Planing Mill, 28 Oakdale St.
Plastering bids are now being taken.

LOS ANGELES, Cal.—M. Herman Gayer, 426 Merchants National Bank Bldg., has had plans prepared and will build a day work and subcontract two apartment buildings at Lake and Valley Sts., for self; each building will contain 30 single and double apartments with large lobby and service rooms. Brick construction 4 stories. The buildings will cost \$105,000 each and bids will be taken on subcontracts at once.

LOS ANGELES, Cal. — Dutton T. Home Fynder, 104 N. Glendale Blvd. Glendale, will build a 5-story Class C apartment building on Vine St. near Hollywood Blvd. The building will contain about 70 apartments with lobby and service rooms, brick construction. Cost \$300,000.

GLENDALE, Los Angeles Co., Cal. — Dutton T. Home Fynder, 104 N. Glendale Blvd., Glendale, will erect two Class C apartment buildings at the corner of Avenue 53 and Monte Vista Ave. The buildings will be 4-story and basement each contain 32 single and double apartments with service rooms; brick construction, pressed brick and plaster exterior. Cost, \$100,000 each.

Construction Starting
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal., Oakland Ave. near Harrison St.
Three-story frame and stucco apartment building, 24 2-room apts.
Owner—E. Field.
Architect and Mgr. of Const.—E. J. Field, American Bank Bldg., Oakland.
Sub-bids will be taken June 1st.

Contract Awarded.
APARTMENTS Cost, \$35,000
SAN FRANCISCO. S Beach St. E C Baker.
Three-story and basement frame and stucco apartment building (3 apts.)
Owner—H. O. Lindeman, 619 27th Ave. San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Building permit applied for.

Plans Approved—Bids To Be Advertised in One Week.
ADDITION Cost, \$20,000
OAKLAND, Alameda Co., Cal. Cleveland and Athol Streets.
Two-room addition to present school building (known as the Cleveland School).
Owner—City of Oakland Board of Education.
Architect—Building & Grounds Department of Board of Education.

Orders-Inquiries

60
pages

Send
for
FREE
Copy



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

Be Done by Day's Work

1. BLDG. Cost, \$20,000
ALAMANDA, Alameda Co., Cal.; SE Fair-
banks and Farnfield Sts.
 vo-story frame and stucco apt. bldg.
 (18 rooms).
Owner and Builder—Jos. Dubeau, 45
Konaka Ave.
Architect—None.
Permit applied for.

LOS ANGELES, Cal.—Architect W.
Sugias Lee, 709 Textile Center Bldg.,
has completed preliminary plans and will
ect a 12-story and basement Class A
partment building at the southeast
corner of Rossmore and Rosewood Aves.
R. Rosenberg; the building will con-
tain 270 apartments of 3, 5, 6 and 7
oms each, large lobby, ballroom, card
oms, root garden and service rooms,
5x218 feet, reinforced concrete con-
struction. Cost, \$750,000.

ubular Tower and Form Clamp Con-
tract Awarded
PARTMENTS Cost, \$300,000
AN FRANCISCO, W Stockton St. bet.
Pine and California.
 en-story and basement Class A apart-
 ment house (approx. 80 2 and 3-room
 apartments).
Owner and Builder—Marcus Marcussen,
485 California St., San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
ubular and Form Clamp—Steel-Form
Contracting Co., Monadnock Bldg.
 As previously reported, Lumber award-
 1 to J. H. McCallum, 748 Bryant St.;
 illwork to Pacific Mfg. Co., Monadnock
 Bldg.; Grading to Sibley Grading &
 eaming Co., 165 Landers St.; Glass to
 J. P. Fuller Co., 301 Mission St.

ub-Bids Being Taken
PARTMENTS Cost, \$20,000
AN FRANCISCO, W Jones St. N Fil-
bert St.
 wo-story and basement frame and
 stucco apartment building (3 apts.)
Owner—Frank Dipiano, 886 Greenwich St.
San Francisco.
Architect—J. A. Porporato, 617 Washing-
ton St., San Francisco.
Contractor—R. Folliotti, 949 Filbert St.

LOS ANGELES, Cal.—C. Waldo Powers
08 Hibernian Bldg., has prepared plans
for two 4-story Class C apartment build-
ings to be erected at 762 and 856 S.
Catalina St. for E. Harris. Ben Kagan,
26 Washington Bldg., has the contract
for the erection of the buildings. Each
will contain 87 rooms, divided into 40
apartments, one being 50x143 ft. and the
other 50x140 ft.; brick construction.

LOS ANGELES, Cal.—Roy L. Jones,
770 N. Vermont Ave., has completed
plans for a 5-story and part basement
Class B apartment building to be built
at the corner of Vermont and Melbourne
Aves., for the California Land & Bldg.
Co. (Jacowitz & Mentz), Room 203, Hohm
Bldg., 6th at Western Ave., the building
will be 55x186 feet, will contain 68 units
divided into single and double apart-
ments; steel frame, brick walls. Cost
\$175,000.

LOS ANGELES, Cal.—Dutton The Home
Fynder, 104 N. Glendale Blvd., Glen-
dale, has the contract for the erection of
a 4-story Class C apartment building, at
5th and Burlington Sts., for T. D. Dut-
ton; the building will contain lobby, ser-
vice rooms and approximately 40 single
and double apartments; brick construc-
tion. Cost, \$150,000. Plans are being
completed by J. W. Morrison, Glendale.

LOS ANGELES, Cal.—M. Herman Gay-
er, 426 Merchants National Bank Bldg.,
has had plans prepared and will build
by day work and subcontract two class
C apartment buildings, one at Valley and
Lake streets, for self; each building will
contain 32 single and double apartments
with lobby and service rooms, brick con-
struction. Each building will cost \$125,-
000 and bids will be taken on all sub-
contracts at once.

BONDS

SANTA CRUZ, Santa Cruz Co., Cal.—
Santa Cruz School District sets June 12
as date to vote bonds of \$365,000 to fi-
nance erection of new schools and for
additions and alterations to standing
structures.

SAN CARLOS, San Mateo Co., Cal.—
Election will be held June 12 in San Car-
los Grammar School District to vote
bonds of \$40,000 to finance purchase of
additional school lands and erection of
new school.

BAKERSFIELD, Kern Co., Cal.—Elec-
tion will be held June 8 in Pershing
School District to vote direct tax of \$5,-
000 to finance one-classroom addition to
present school. Walter A. Garvey, clerk
of district.

SAN DIEGO, Cal.—By vote of 4 to 1,
city endorsed bond issue for \$2,313,000 to
finance erection of new schools and ad-
ditions and alterations to standing struc-
tures.

MOUNTAIN VIEW, Santa Clara Co.,
Cal.—Mountain View School District con-
templates direct tax for \$15,000 to finance
completion of improvements at new high
school grounds.

PASKENTA, Tehama Co., Cal.—Elkins
School District will call election shortly
to vote bonds of \$8,000 to finance erection
of new school. Trustees of district are:
Clarence Ruff, Fred Whitlock and Albert
Hanks.

ALHAMBRA, Los Angeles Co., Cal.—
Alhambra board of education has set
June 15 as the date for holding the school
bond election. Recommendations of Ford
& Huu, who recently completed a survey
of the school situation, will be carried out
disposition of the funds to be made as
follows: \$1,475,000 for developing the jun-
ior high school program and extending
the present senior high school plant on
6th St., and \$200,000 for purchasing ad-
ditional elementary school sites. Architects
John C. Austin, Frederic M. Ashley and
John Walker Smart will prepare plans for
the new buildings in the event the bonds
are affirmed.

CORNING, Tehama Co., Cal.—Bond
election will be held in the Elkins School
District on June 9, 1928, for voting \$8,000
for construction of a new school building.
Clarence Ruff, F. W. Whitlock, Albert
Hanks, trustees.

CULVER CITY, Los Angeles Co., Cal.—
The proposed bond issue of \$125,000
was defeated at the election held May
18. School officials state that the bond
issue failed by a small majority and that
a new election will probably be
called shortly.

BEARDSLEY, Kern Co., Cal.—County
supervisors sell \$120,000 bond issue of
Beardsley School District; proceeds of
sale to finance erection of new school
building.

CHURCHES

Bids To Be Taken In One Week.
CHURCH Cost, \$40,000
VALLEJO, Solano Co., Cal.
 One-story brick church building.
Owner—First Church of Christ Scientist.
Architect—Henry H. Gutterson, 426
Powell St., San Francisco.

FULLERTON, Orange Co., Cal.—Ar-
chitects Allison & Allison, 1007 Hiber-
nian Bldg., L. A., preparing plans for
church for Methodist Episcopal Church;
1-story and part two story and basement;
auditorium to seat 800 people, Sunday
school assembly room, classrooms, social
hall, etc; frame construction; \$150,000.

Plans Being Figured
CHURCH Cost, \$50,000
SACRAMENTO, Cal. Tenth St. bet. O
and P Streets.
 Two-story brick church building (audi-
 torium seating capacity 450).
Owner—First Evangelical Church.
Architect—Jens C. Petersen, California
State Life Bldg., Sacramento.
Bids are being taken for a general con-
tract.

LIVINGSTON, Mervced Co., Cal.—
Until June 4, 8 P.M., bids will be rec.
by Edward J. Hicks, city clerk, for drill-
ing and lining 2 wells, one 18-in. dia., and
another 16-in. dia. Cert. check 10% pay-
able to city req. with bid. See call for
bids under official proposal section in
this issue.

SANTA BARBARA, Santa Barbara
Co., Cal.—Architect Edward A. Eames,
353 Sacramento St., San Francisco, is
completing working plans and Barrett &
Hilp, 918 Harrison St., San Francisco,
have general contract for Class A church
building at Anapamu and Sola Sts.,
Santa Barbara, for the Roman Catholic
Bishop of Los Angeles and San Diego,
parish of Our Lady of Sorrows, Rev.
John C. Grisez, pastor; seating capacity
of 800 people, steel frame construction,
gunite exterior, clay tile roofing, gas
heating system, ventilating system,
marble and tile work, ornamental and
wrought iron, stone work, hardwood
floors, pine and hardwood trim, metal
lath, etc.; \$150,000.

GLENDALE, Los Angeles Co., Cal.—
W. J. Shirley, 1351 W. Washington St.,
Los Angeles, has signed contract for
complete construction of Class B edifice
at Kenwood St. and Wilson Ave., Glen-
dale, for First Methodist Church. Plans
by Arthur G. Lindley, 410 American Bank
Bldg., Los Angeles. Gothic type. The
present auditorium will be remodeled and
tied into the new building. A tower 130
feet in height will be erected; reinforced
concrete walls; concrete and art stone
exterior; \$200,000.

Sub-Contracts Awarded.
ALTERATIONS Cost, \$17,000
SAN FRANCISCO, W Seventeenth Ave.,
S Ulloa St.
 Alterations and additions to church
 building.
Owner—Roman Catholic Archbishop of
San Francisco, 1100 Franklin St.,
San Francisco.
Architect—Leon J. Devlin, Pacific Bldg.,
San Francisco.
Contractor—Barrett & Hilp, 918 Harri-
son St., San Francisco.
Plumbing—J. Smith, 666 Mission St., San
Francisco.
Roofing—Jones Bros., 500 Second St.,
San Francisco.
Mill Work—Sudden Lumber Co., 1950
3rd St., San Francisco.

Plans Being Prepared.
CHURCH Cost, \$400,000
YOSEMITE VALLEY, Mariposa Co., Cal.
 Reinforced concrete and rubble granite
 community church building.
Owner—Church Federation of California
Architect—Swartz & Ryland, Brix Bldg.,
Fresno.

BELL, Los Angeles Co., Cal.—Grace
Lutheran Church has secured site at
Pine and Bell Aves. and will erect a new
church. The present site will be sold at
once.

Plans Being Completed
CHURCH Cost, \$60,000
MT. VIEW, Santa Clara Co., Cal.
 One-story reinforced concrete church
 bldg. (seating capacity 600), Spanish
 type, tile roof.
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg.,
San Francisco.
The plans will be ready for bids next
week.

Plans Being Prepared
CHURCH BLDG. Cost, \$—
ALAMEDA, Alameda Co., Cal.; SW High
and Van Buren Sts.
 Church building (height and type of
 structure not decided upon).
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg.,
San Francisco.

FACTORIES & WAREHOUSES

Sub-Contracts Awarded
WAREHOUSE Cost, \$175,000
SAN FRANCISCO, N Paul Ave., E San
Bruno.
 Three-story reinforced concrete ware-
 house.
Owner—D. M. Ferry & Co., 759 Front St.
Architect—Albert Kahn, Marquette, De-
troit, Mich.
Contractor—MacDonald & Kahn, Finan-
cial Center Bldg., San Francisco.
Excavating—McCure and Chamberlain,
608 Octavia St.
Reinforcing Steel—Badt Falk & Co., 71
New Montgomery St.
Steel Sash—Fanestra Const. Co., 417 Mar-
ket St.

Low Bidder.

ALTERATIONS Cost, \$10,000
SAN RAFAEL, Marin Co., Cal. On State Highway.

Alterations and additions to present dyeing and cleaning plant (add office, etc.)

Owner—Vandernalen's Dyeing & Cleaning Company.

Architect—S. Heiman, 57 Post St., San Francisco.

Low Bidder—Young & Horstmeier, 31 Ord St., San Francisco.

Sub-Contracts Awarded

PACKING PLANT Cost, \$21,401
STOCKTON, San Joaquin Co., Cal.
 Three-story concrete packing plant (90x120 feet).

Owner—San Joaquin Valley Walnut Growers' Assn.

Architect—Albert C. Martin, 35 N Broadway, Pasadena.

Contractor—John J. Cavanagh, 210 N Sutter St., Stockton.

Plumbing—Anderson Bros., Lodi.

Lumber—Linden Lbr. Co., Linden.

Painting—Marsolin and Carroll, Stockton.

Concrete—Friedrickson Bros., 1st Nat'l Bank Bldg., Stockton.

Excavating—Gannon & McCarthy, 1207 S Aurora St., Stockton.

Cement and Gravel—Stockton Brick and Tile Co., 245 N El Dorado St., Stockton.

PATAGONA, Ariz.—Plans have been completed for the erection of a 250-ton mill at Patagonia for the Bib Jim Mines, Inc.

Back Fill Contract Awarded

WAREHOUSE Cost, \$30,000
OAKLAND, Alameda Co., Cal. Foot of Pine Street.

One-story warehouse (mill construction). Owner—Pacific Coast Cannery.

Plans by Owner.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

Back Fill—J. Catucci, 1212 18th Ave., Oakland.

As previously reported structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

LOS ANGELES, Cal.—The following general contractors are a partial list of those who will submit bids to erect new automobile assembly plant for the Willys-Overland Co. in the Laguna-Maywood industrial district: H. M. Baruch Corp., 1015 Lincoln Bldg.; J. V. McNeil Corp., 5860 Avalon Blvd.; William P. Neil Co., Inc., 5860 Loma Vista, Central Manufacturing District; Scofield-Traits Co., Pacific Finance Bldg.; Austin Co. of California, 777 E. Washington St. J. A. Sheldon, suite 439, Biltmore Hotel, is taking the bids and has complete charge of the project.

Sub-Contracts Awarded.

WAREHOUSE Cost, \$—
LOS ALTOS, Santa Clara Co., Cal.
 One-story brick and tile warehouse.

Owner—Hunt Bros., 111 Sutter St., San Francisco.

Plans by Owner.

Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Reinforcing Steel—Pacific Coast Steel Co., 111 Sutter St., San Francisco.

Miscellaneous Iron—Michel & Pfeffer Iron Works, Tenth and Harrison Sts., San Francisco.

Masonry—Mealy & Collins, 666 Mission St., San Francisco.

Plumbing—O. Lewis & Son, Los Gatos, 2948 61st St., Oakland.

Roofing—Malott & Petersen, 3221 20th St., San Francisco.

Plastering—James F. Smith, 271 Minna St., San Francisco.

Sheet Metal—Henry Eitzert, 38 Broadway, San Jose.

Glass and Glazing—W. P. Fuller Co., 301 Mission St., San Francisco.

LOS ANGELES, Cal.—William B. Hess & Co., 426 Merchants National Bank Bldg., reject all general contract bids to erect 8-story reinforced concrete loft building at 1022 Santee St. for themselves and will erect the building by day work and sub-contract. Plans by Russell Collins, Spring-Arcade Bldg.; 55x156 feet; reinforced concrete.

STOCKTON, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 245 Market St., San Francisco, has purchased square block of land west of present gas plant

in Hazelton avenue and plans expansions. The nature of the improvements contemplated have not been announced.

PALO ALTO, Santa Clara Co., Cal.—Bayside Canning Co., operating a plant in the Mayfield section, Palo Alto, will expend \$20,000 for new equipment to be installed in the present plant for fruit and vegetable packing.

STOCKTON, San Joaquin Co., Cal.—East Bay Municipal Utility District, Ray Bldg., Oakland, has purchased 1½-acre site at Los Angeles Ave. and Main St., and will establish section headquarters comprising offices, warehouses, etc. Plans for the contemplated structures will be prepared by the district engineering department.

CORNING, Tehama Co., Cal.—Maywood Packing Co., plans to rearrange and make additions to present packing plant to increase capacity. A new warehouse will be erected in addition providing enlarged facilities for the vat room. Officers of the company are: President, W. N. Woodson; Vice-President, W. V. Beresford; Secretary-Treasurer, R. B. Fripp; Manager, Sam Fox; Directors, W. N. Woodson, W. V. Beresford, R. B. Fripp, W. C. Smith, B. H. Brubaker.

GARAGES

HANFORD, Kings Co., Cal.—Until June 4, 8 P. M., bids will be received by Board of Trustees of Hanford Joint Union High School District for alterations and additions to the garage, which was recently destroyed by fire. Estimated cost \$40,000. See call for bids under official proposal section, this issue.

Sub-Contracts Awarded

GARAGE BLDG. Cost, \$16,000
OAKLAND, Alameda Co., Cal. San Pablo Avenue.

One-story hollow tile garage building. Owner—Bekins Van & Storage Co., 13th and Otis Sts., San Francisco.

Contractor—William Rainey & Son, 666 Mission St., San Francisco.

Architect—F. Eugene Barton, Crocker Bldg., San Francisco.

Concrete and Excavating—N. N. Lena, 2037 Encinal St., Oakland.

Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Sub-bids are being taken on all other portions of the work.

Date Of Opening Bids Postponed Until May 26th.

ALTERATIONS Cost, \$30,000
SAN FRANCISCO, NW Broadway and Polk Street.

Alterations and additions to present one-story garage and store building.

Owner—Samuel H. Levin, nc., Marshall Square Bldg., San Francisco.

Architect—Albert H. Larsen, 447 Sutter St., San Francisco.

LOS ANGELES, Cal.—Jergesen & Dequene, 1316 Paloma St., have signed the general contract for the erection of a one-story Class C automobile building, 120x140 feet, on Adams St., east of Grand Ave., for the Taylor Holding & Investment Co. Contract includes all work except plumbing and sprinkler system, electric wiring and fixtures and painting. Edward Cray Taylor and Ellis Wing Taylor, architects, 810 W. 6th St. Brick or stone-tile construction.

Contract Awarded

GARAGE Cost, \$25,000
SAN JOSE, Santa Clara Co., Cal. Auzeras and Prevost Sts.

Two-story reinforced concrete garage building.

Owner—Floyd Hanchett, Porter Road, San Jose.

Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.

Contractor—Morrison Bros., Santa Clara.

GOVERNMENT WORK AND SUPPLIES

MARCH FIELD, Riverside Co., Cal.—Following is a list of prospective bidders to erect army aviation building at March Field; estimated cost \$1,800,000; all of steel, concrete, brick and hollow tile construction with stucco exteriors and t

roofs; bids will be opened June 8. Wm. C. Gardshire, Constructing Quartermaster at March Field.

Sumner-Sollitt Co., 810 W. 6th St. L. A., Barkeley & Gould, 2813 Glendale Blvd., L. A.; Wurster Constr. Co., 12 National City Bank Bldg.; Orndorff Construction Co., 247 N. Western Ave.; E. McKee, 1128 Central Bldg.; MacDaid & Kahn, 1206 Spring-Arcade Bldg.; R. E. Campbell, Central Bldg.; Clint Constr. Co., Stock Exchange Bldg.; Frank Crawford, 2115 W. 25th St., L. A. Los Angeles Contracting Co., 4816 V Pico St.; D. N. Falk, 1053 N. Harp Ave., L. A.; P. J. McDonald, 1800 Industrial St., L. A.; Richards-Neusta Constr. Co., 701 W. M. Garland Bldg.; Scofield-Traits Co., Pacific Finance Bldg. Wm. Eaves Constr. Co., 1524 La Brea Ave., L. A.; Weymouth Crowell Co., 2104 E. 15 St.; Wm. Simpson Constr. Co., Architects' Bldg.; Mitty Bros. Const. Co., Detweiler Bldg.; Pozzo Constr. Co., 421 Macy St.; Lange & Bergstrom, 13 Washington Bldg.; Harry Johnson, 120 Browning Blvd., L. A.; V. Ray Gou Co., Union Insurance Bldg., L. A.; Herbert M. Baruch Corp., 1015 Lincoln Bldg.; Cresmer Mfg. Co., Riverside; Howland Williams, Bank of Italy Bldg., San Francisco; Newport Contracting Co., Newport News, Va.; H. W. Smith, 41 N. MacLay St., Santa Ana; Ramey Bros First Nat. Bank Bldg., El Paso; Sotera Constr. Co., 6456 Washington Blvd., Culver City; Ware Co., 1614 E. Missouri St. El Paso; Geo. Herz Constr. Co., Play Bldg., San Bernardino; M. M. Andrews, 405 Peoples Bank Bldg., Indianapolis, Ind.; J. Knox Corbett Lumber & Hardware Co., Tucson, Ariz.; R. Wescott Co., S. Garland Ave., Alhambra; Marti Green, San Bernardino; Robert E. Spurgeon, P. O. Box 53, Riverside; A. E. Taylor, Inc., 304 S. E. St., San Bernardino; Mahony Bros., Flood Bldg., San Francisco; Robert H. Flood, 504 K St. National City; Truscon Steel Co., Mo. Clintie-Marshall Co., Minneapolis Steel & Machinery Co.

SAN DIEGO, Cal.—Until June 13, 11 A. M., bids will be received by Bureau of Yards and Docks, Washington, D. C., for salt water pump station at Naval Operating Base, (Air Station), San Diego. Consists of reinforced concrete pump house on concrete piles, creosoted pile dolphin, etc. See call for bids under official proposals this issue.

SACRAMENTO RIVER, Cal.—Until May 28, 1934, 11 A. M., bids will be received by U. S. Engineer Office, 2nd Dist., 85 Second St., San Francisco for Miscellaneous Castings. Further information on application.

SAN DIEGO, Cal.—Until 11 A. M., June 7, bids will be received by public works office, 11th naval district, foot of Broadway, San Diego, for alterations to the electrical distribution and telephone system at the naval operating base (marine corps base), San Diego. The work includes the provision of materials for and (a) the construction of 28 new concrete electric manholes with new concrete duct connections to existing ducts; (b) the construction of 7 new transformer platforms and the relocation of existing transformer equipment from transformer vaults to new platforms; (c) the changing and adding to the light, power and telephone wiring and cable installations; (d) the installation of new telephone distributing cabinets; (e) the installation of conduits, pull boxes, relocating manholes frames and covers in existing manholes and the installation of other miscellaneous items required to make the desired alterations. If bidding data is desired, prospective bidders should forward to the Public Works Office Headquarters, 11th Naval District, Foot of Broadway, San Diego, Calif., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications. W. H. Smith, Lieut. Comdr., U. S. N., Assistant Public Works officer.

SACRAMENTO RIVER, Cal.—Until May 28, 1934, 11 A. M., bids will be received by War Dept., U. S. Eng. Office, 2nd San Francisco Dist., 85 Second St., for dredge spuds as per spec. on file at above office for delivery at Sacramento, San Francisco, or Rio Vista. C. S. Ridley, Major, Corps of Engineers, Dist. Eng.

MARE ISLAND, Cal.—Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., May 16, under Spec. 33, for automatic refrigerators at Navy and Hospital, Mare Island:
Item 1, work complete; 2, do, alternate

Hot-N-Kold Corp., 949 Mission St., San Francisco: item 1, \$4,441.46; 2, \$4,570.66.
York Machinery Corp., 2224 Arch St., Philadelphia: item 1, \$14,839; 2, \$14,927.
Frigidaire Corp., Washington: \$4,690.

SAN FRANCISCO.—Until May 25, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for painting barge's quarters at Fort Miley. See call for Bids under official proposal section in this issue.

SAN FRANCISCO.—Until May 24, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to erect fence at Fort Miley. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Navy Department commends establishment of naval aviation base in San Francisco Bay area, while a site at Mare Island Navy Yard being favorably considered, other sites the bay section will be investigated.

SAN FRANCISCO.—Until May 28, 11 A. M., under Order No. 9756, bids will be received by U. S. Engineer Office, 85 2nd St., to fur and del. 4000 tons rip-rap one, loose on cars or in skips, f. o. b. bidders' destination; or f. o. b. Sacramento or f. o. b. barge at point to be designated by Contracting Officer at Sacramento and Freeport. Further information obtainable from above.

HONOLULU, T. H.—Kahului Railroad Co., Honolulu, T. H., at \$3 per ton sub. bid to U. S. Engineer Office to construct wharf at Kahului Harbor, involv. 0,000 tons of stone in place.

SAN FRANCISCO, Cal.—The following is a list of the bids submitted by the lowest bidders to the Constructing Quartermaster, Fort Mason, for re-roofing buildings Nos. 174-178-176-376-337-385 and 6 at Presidio:
American Roofing Co., 68 Belcher St., buildings Nos. 174 and 176, \$308; No. 178, \$1,015; No. 376, \$164.93; No. 337, \$60.40; No. 385, \$25.24; No. 6, \$82.44.
F. J. Dunn Roofing Co., San Francisco, buildings Nos. 174 and 176, \$320; No. 178, \$78; No. 376, \$150; No. 337, \$55; No. 385, \$25.00; No. 6, \$80.00.
Bids taken under advisement.

SAN DIEGO, Cal.—Until 11 A. M., June 12, bids will be received by Capt. Geo. A. McKay, public works officer, San Diego, for improvements and repairs to the steam distributing system at the marine corps base, San Diego. The work will include the partial removal of 75 lin. ft. of concrete pipe conduit and manholes and reconstructing with reinforced concrete pipe tunnel, manholes, expansion joints, and installation of piping and supports. Plans and specifications may be obtained from the public works officer on deposit of \$10.

FALLON, Nevada.—Following is a complete list of bids received by Superintending Architect, Treasury Department, Washington, D. C., to erect postoffice at Fallon, Nevada:
Hiram Lloyd Building & Construction Co., 1608 Syndicate Trust Bldg., St. Louis, \$9,657; alt. \$4,000.

Schuler & MacDonald, Inc., 1753 Webster St., Oakland, Calif., \$69,485; alt. \$4,000.

Geo. A. Whitmeyer & Sons Co., Ogden, Utah, \$72,509; alt. \$3,669.

A. M. Lundberg, 208 N. Broadway, St. Louis, \$68,500; alt. \$3,000.

Welch & Fritz Const. Co., Red Bluff, Calif., \$71,989; alt. \$4,547.

Fred R. Comb, Minneapolis, Minn., \$76,000; alt. \$3,900.

W. D. Lovell, Minneapolis, \$80,800; alt. \$3,700.

Wm. MacDonald Const. Co., St. Louis, \$80,000; alt. \$4,100.

Charles Weitz's Cons., Des Moines, Ia., \$71,900; alt. \$3,700.

SAN FRANCISCO.—Until June 6, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to construct boundary wall at Presidio of San Francisco. See call for bids under official proposal section in this issue.

HALLS AND SOCIETY BUILDINGS

Contracts Awarded.
MEMORIAL BLDG. Cost, \$—
CRESCENT CITY, Del Norte Co., Cal.
Two-story reinforced concrete veterans' memorial building.

Owner—Crescent City.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

General Work—O. R. Griffith, 4217 12th Ave., Sacramento, \$33,843.

Electrical Work—Milton Nielsen, Crescent City, \$1999.

Plumbing—Lee Slater, Crescent City, \$1998.

Heating—J. B. Endert, Crescent City, \$5350.

Other bidders were: D. A. Kaufenberg, Rio Vista, \$36,270; Stephensen & Green, Grant's Pass, \$38,500; Fred J. Maurer, Eureka, \$39,128; A. C. Culling, Crescent City, \$48,200 (total bid including mechanical and general work).

Plumbing and Heating—Scott Plumbing & Elec. Co., Sacramento, \$5745 (plumbing and heating).

Nottingham Heating Co., Oakland, \$3888 (heating).

Electrical Work—Scott Plumbing & Elec. Co., \$2543.

LOS ANGELES, Cal.—Architects Hunt & Burne, 701 Laughlin Bldg., are preparing working drawings for the new three-story and basement Class C lodge building, 50x155 feet, to be erected at 1329 S. Hope St. for the Independent Order of Foresters. Bids will be taken from a selected list of contractors in about two weeks. The building will contain an auditorium and lodge quarters; brick construction.

RIPON, San Joaquin Co., Cal.—Local post of American Legion is planning to sell stock to finance erection of a \$— club building. Early construction is contemplated.

Wrecking Contract Awarded
CLUB BLDG. Cost, \$50,00
BERKELEY, Alameda Co., Cal. Bancroft Way and College Ave.

Four-story frame and stucco club bldg. Owner—College Women's Club of Berkeley, 2642 Bancroft Way, Berkeley.

Architect—Walter Steilberg, 1 Orchard Lane, Oakland.

Wrecking—Dolan Bros. Wrecking Co., 3006 San Pablo Ave., Oakland.

Bids on the general contract are in and will be awarded shortly.

LOS ANGELES, Cal.—Salvation Army has inaugurated campaign to raise funds to erect new headquarters building at Walnut St. and Fair Oaks Ave., Pasadena; two-story, 75x157 ft., brick construction, and an effort will be made to raise \$100,000. Bennett & Haskell, Pasadena, will be the architects.

RENO, Nevada.—Selection of a site for proposed new lodge building will be made shortly by Reno Aerie, Fraternal Order of Eagles.

Plans Complete
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Cal. SW Fifteenth and K Streets, 80x160 feet.

Four-story concrete, brick and terra cotta lodge building.

Owner—Aerie No. 901, Fraternal Order of Eagles (William J. Tuller, President)

Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.

Upon final approval of plans bids will be called for.

VALLEJO, Solano Co., Cal.—Masonic Temple Association of Vallejo has purchased old city hall site and building for \$13,360. It is not known whether the structure will be remodeled or whether it will be razed and an annex constructed to the present Masonic Temple Building adjoining.

SAN PEDRO, Los Angeles Co., Cal.—Architect W. Horace Austin, 521 Pacific Southwest Bank Bldg., Long Beach, taking bids for 1 and 3-story Class C lodge building at 320-26 S. Palos Verdes St., San Pedro, for Loyal Order of Moose No. 433; 80x110 feet; brick construction.

Plastering Contract Awarded.
CLUB BLDG. Cost, \$88,679
SAN FRANCISCO. Broderick and Baker Sts., 200x300 feet.

Two-story frame and stucco yacht club building.

Owner—St. Francis Yacht Club (Hiram W. Johnson).

Architect—Willis Polk Co., 277 Pine St., San Francisco.

Contractor—Stephenson Construction Co., Hobart Bldg., San Francisco.

Plastering—Jesse Shay, 725 Tehama St., San Francisco.

As previously reported, mill work awarded to Redwood Mfg. Co., Hobart Bldg., S. F.; sheet metal work to Guilfooy Cornice Works, 1234 Howard St., S. F.; reinforcing steel to Soule Steel Co., Rialto Bldg., S. F.; concrete materials to Rock, Sand & Gravel Sales Co., Pier No. 54; plumbing to Frederick Snook Co., 596 Clay St., S. F.; heating and ventilating to Lataurrette-Fical Co., 57 Clementina St., S. F.

HOSPITALS

LOS ANGELES, Cal.—Architect Arthur H. Stibolt, 1057 Western Pacific Bldg., preparing plans for a group of Class A hospital buildings to be erected at 5th and Bonnie Brae Sts. for Mrs. Martha B. Clements; will be two stories, the main structure containing 65 private rooms, 65 baths and 8 operating rooms. Nurses' quarters will be provided in separate buildings. Reinforced concrete.

Sub-Bids Being Taken
HOSPITAL Cost, \$250,000
FRESNO, Fresno Co., Cal. Villa Addition.

Three-story and basement reinforced concrete hospital (plaster exterior).

Owner—Sisters of Holy Cross, South Bend, Indiana.

Architect—Alfred I. Coffey, Phelan Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

As previously reported, reinforcing steel awarded to Badt Falk & Co., 74 New Montgomery St., San Francisco.

Plans Being Revised.
HOSPITAL Cost, Approx. \$45,000
YOSEMITE VALLEY, Mariposa Co., Cal. Near Indian Village.

Two-story and basement frame and stucco hospital building (operating room, diet kitchen, etc.).

Owner—U. S. Government.

Architect—Dept. of Interior, Sheldon Bldg., San Francisco.

Plans will be ready for bids the first part of August.

Plans Ready for Bids in One Week
PREVENTORIUM Cost, \$50,000
SAN JOSE, Santa Clara Co., Cal.

One-story frame and stucco preventorium

Owner—Santa Clara County.

Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

Segregated Bids Being Taken.
HOSPITAL \$100,000 cost of 1st unit
STOCKTON, San Joaquin Co., Cal.

Group of 5 hospital buildings of brick construction (all modern conveniences).

Owner—Granada Hospital Association, St., Stockton.

Architect—Allen & Young, 41 S-Sutter

Will be of Spanish type, terra cotta trim. Modern hospital plumbing and electric heat.

OAKLAND, Cal.—Chas. R. Fancher, city physician, will recommend a \$150,000 appropriation in 1928-29 budget to finance erection of new emergency hospital on a site already owned by the city. The present hospital was erected in 1875.

SALINAS, Monterey Co., Cal.—Architects Reed and Corlett, Oakland Bank of Savings Building, Oakland, submit estimates of cost to county supervisors for proposed tuberculosis sanitarium, isolation ward and indigents' home. The estimates are summarized as follows: Tuberculosis unit \$82,000; furniture for same \$12,000; detention home, \$41,000; furniture for same, \$1,500; isolation ward, \$7,500; furniture for same, \$2,000; indigents' home, \$16,500; furniture for same, \$1,000; nurses' home, \$10,000; furniture for same, \$1,500; garage, \$1,700. A bond election will probably be submitted to finance this work.

PALMDALE, Los Angeles Co., Cal.—American Construction Co., 1628 Wilcox Ave., Los Angeles, has the contract for all work complete for the erection of a large sanitarium and hospital about 2 miles from Palmdale, for the Palmdale Springs Sanitarium, Inc.; the project will be erected in two units, the first unit to contain 375 rooms with kitchens and dining room facilities, offices, etc., and the second unit will include several buildings which will include a tubercular building, swimming pool and bathhouse, and power plant building; the main building will be 2, 3, and 5-stories, reinforced concrete construction; cost, \$400,000. Plans will be prepared by William Allen, 917 Pacific National Bank Bldg., Los Angeles.

Working Drawings Being Prepared
HOSPITAL BLDG. Cost, \$100,000
GILROY, Santa Clara Co., Cal. Area bounded by Fifth, Sixth, Carmel and Princeville Streets.

One-story reinforced concrete community hospital building.

Owner—Wheeler Community Hospital Association.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

Among those interested in promoting the project are: George A. Wentz, Dr. Elmer J. Chesbro and L. W. Wheeler. The plans will be ready for bids in about three weeks.

NAPA, Napa Co., Cal.—John Christopher, 2426 F St., Sacramento, at \$34,485 awarded contract by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, to erect Assistant Physician's cottage and quarters for day attendants at Napa State Hospital.

HOTELS

Sub-Bids Being Taken.
HOTEL Cost, Approx. \$80,000
VALLEJO, Solano Co., Cal. Sonoma and Capitol Streets.

Two-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room etc.; Spanish type).

Owner—L. Casa del Vallejo (Harry Hendley and Isadore Meyers).
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.

Contractor—Jacks & Irvine, Call Bldg., San Francisco.

DOUGLAS, Ariz.—Ware Construction Co., El Paso, Texas, awarded contract for foundation and basement of new Class A reinforced concrete hotel to be erected for F. O. Mackey; five-story, designed for nine stories; cost \$400,000. Trost & Trost, El Paso, architects.

Contract Awarded
ALTERATIONS Cost, \$50,000
SACRAMENTO, Sacramento Co., Cal.; 4th and K Sts.

Extensive alterations to present hotel building.

Owner—Max Goldstein.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.

Contractor—J. A. Saunders, 1045 45th St., Sacramento.

LOS ANGELES, Cal.—See "Theatres," this issue. Plans being prepared for hotel, stores, theatre for Norman Williams.

Sub-Contracts Awarded
HOTEL First unit, \$100,000 (ultimate cost, \$500,000)

SALINAS, Monterey Co., Cal.
Six-story steel frame fireproof hotel
Owner—William Jeffery, Jeffery Hotel, Salinas.

Architect—Kump & Johnson, Rowell Bldg., Salinas.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

Brick Work—Reed and Reed, Hearst Bldg., San Francisco.

Heating—Scott Co., 243 Minna St., San Francisco.

As previously reported, structural steel awarded to Judson Pacific Co., 609 Mission St., San Francisco; pile driving to S. Nielsen, San Jose.

LOS ANGELES, Cal.—Architect and engineer, A. R. Sedgley and Wm. R. Eskline, 816 Architects Bldg., are completing plans for a four-story and basement,

class C hotel building, 129x150 feet, to be erected at 1217 S Valencia St. by Peters-Green Co., Wilshire-La Brea Bldg. It will contain 74 guest rooms with 100 per cent baths, owner's apartment and lobby, brick construction; cost, \$100,000. Peters-Green Company will take segregated bids about June 1st.

Plans Being Prepared.
ALTERATIONS Cost Approx. \$100,000
SAN FRANCISCO. Taylor and Eddy Streets.

Alterations and additions to present hotel building.

Owner—Hotel Clark Corporation, Jas. Hoyle, Manager.

Architect—Hyman & Appleton, 68 Post St., San Francisco.

Specifications Being Written
HOTEL-CHURCH Cost, \$2,000,000
SAN FRANCISCO, NW McAllister and Leavenworth Sts.

Twenty-three-story Class A steel frame and reinf. concrete hotel and church building.

Owner—Methodist Book Concern, 5 City Hall Ave.

Architect—Lewis P. Hobart, Crocker Bldg.

Engineer—T. Rosenberg, Crocker Bldg.
Contractor—Cahill Bros., 55 New Montgomery St.

The church will have a seating capacity of 1300, also a gymnasium and social hall. The hotel will contain 524 rooms, and 164 rooms equipped for housekeeping. Will be of Gothic type of architecture and will be modern throughout. The church will be known as the Temple Methodist Church, merger of the Central Methodist, Wesley, Howard and California churches. Hotel will be known as the William Taylor Hotel. J. H. McCallum, 748 Bryant St., is chairman of the downtown committee. It is expected to start construction soon.

Scaffold Contract Awarded
HOTEL Cost, \$500,000

SAN FRANCISCO, S Turk Street near Leavenworth St.

Twelve-story Class A hotel bldg. (1500 rooms).

Owner—San Francisco Y. M. C. A.

Architect—Frederick H. Meyer, 732 Market St., San Francisco.

Contractor—K. E. Parker, 185 South Park, San Francisco.

Little Wonder Scaffold—Steel-Form Contracting Co., Menadnock Bldg.

Other awards previously reported.

LONG BEACH, Los Angeles Co., Cal.—Architects Traver & Jacobs, Union Insurance Bldg., Los Angeles, are preparing plans for a height-limit hotel building to be erected at Long Beach. It will contain 302 rooms and will be of reinforced concrete construction. Further details will be available shortly.

ICE AND COLD STORAGE PLANTS

Segregated Bids Being Taken From A Selected List of Contractors.
COLD STORAGE PLANT \$250,000
WATSONVILLE, Santa Cruz Co., Cal. Beach Road (150,000 sq. ft.)

One-story reinforced concrete cold storage plant, 300x500 feet.

Owner—Apple Growers Cold Storage Co. Engineers—Uttley & Kleindinst, 354 Hobart St., Oakland.

Work Started.
ALTERATIONS Cost, \$100,000

WATSONVILLE, Santa Cruz Co., Cal.

Alterations and additions to present cold storage plant.

Owner—Watsonville Ice & Cold Storage Company.

Architect and Contractor—W. W. Williams Co., 320 Market St., San Francisco.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 P. M. May 29, bids will be rec. by water and power commission for 20,000 volt cable under spec. P-540. Jas. P. Vroman, secretary.

NORCO, Riverside, Cal.—North Corona Land Co., 528 S Hill St., will build power plant at Norco, for self; plans being completed by Ralph E. Phillips, 816 W. 5th St., Los Angeles; reinforced concrete frame, cement tile filler walls and partitions, 67x109 ft., 37 ft. high. Work will

be done by the owner by day work on subcontract. There will be approximately \$100,000 worth of mechanical equipment installed in the building.

EUREKA, Humboldt Co., Cal.—County supervisors will provide funds to finance installation of passenger elevator in county courthouse; estimated cost \$29,000. Fred M. Kay, county clerk.

REDWOOD CITY, San Mateo Co., Cal.—Russell and Duncan, general contractors, have presented plans to city trustee for proposed fire house to be erected at Jefferson Av. and Myrtle St. Will be bungalow type; estimated cost \$16,000.

PUBLIC BUILDINGS

Low Bidder
LIBRARY Cont. Price \$130

SACRAMENTO, Sacramento Co., Cal. Bronze work in State Library Building

Owner—State of California.
Architect—Weeks & Day, Financial Center Bldg., San Francisco.

Low Bidder—C. J. Hillard Co., 19th and Minnesota Sts., San Francisco.

OAKLAND, Cal.—City council will provide funds in 1928-1929 budget to finance construction of new roof for municipal auditorium; estimated cost \$5,000. Frank C. Merritt, city clerk.

RICHMOND, Contra Costa Co., Cal.—J. G. Burns, 466 41st St., Richmond, at \$335, submitted low bid and was awarded contract by City Manager J. A. McVittie for painting and patching plaster in corridors of city hall.

Other bidders were: Jos. J. Burdon & Sons, Richmond, \$370; Swartz & Barnard, Richmond, \$379.85; Lambie & Lambie, Richmond, \$410; Chas. Swartout, Richmond, \$530.

MARYSVILLE, Yuba Co., Cal.—City council of Marysville and Yuba County supervisors are considering a plan whereby a combined city hall and courthouse would be erected. The County Grand Jury has recommended construction of such a building.

SONORA, Tuolumne Co., Cal.—County Grand Jury in annual report recommends replacement of wooden floors in county hospital with concrete flooring and repainting the entire interior of the structure.

PHOENIX, Arizona.—John W. Howard, Cheyenne, Wyoming, submitted the low bid on the general contract using limestone exterior for erecting the new court house and municipal building at Phoenix, for Maricopa County and the City of Phoenix. Edwards, Wildey & Dixon, Los Angeles, were low bidders on alternate bids for Tufa stone and terra cotta exterior. Low bidders on other contracts were: Elliott Engineering Co. of El Paso, Texas, on heating for the court house at \$52,937 and on the city hall at \$27,300;

D. Reed Plumbing Co., Los Angeles, on plumbing for the court house at \$33,870;

Phoenix Plumbing & Heating Co., Phoenix, on plumbing for the city hall at \$22,374; English Electric Co., Los Angeles, on electric wiring for court house at \$10,300 and on the city hall at \$9650;

Southern Prison Co., San Antonio, Texas, on jail equipment for court house at \$71,487 and on city hall at \$39,980. The lowest

three bids on the general contract were: Edwards, Wildey & Dixon (1) Court House, \$502,600; deduct for Tufa stone, \$17,000; deduct for terra cotta, \$27,700; deduct \$4000 if awarded contract for both building; (2) City Hall, \$277,000; deduct for Tufa stone, \$8500; deduct for terra cotta, \$6600.

John W. Howard, (1) Court House, \$485,000; deduct for Tufa stone, \$3500; (2) City Hall, \$283,000; deduct for Tufa stone, \$2500; no bids on terra cotta.

Clinton Campbell, Phoenix, (1) Court House, \$495,677; deduct for Tufa stone, \$16,182; add for terra cotta, \$14,860; (2) City Hall, \$281,677; deduct for Tufa stone \$10,988; no bid on terra cotta. Bids taken under advisement.

Contract Awarded.
LIBRARY Cont. Price, \$130

SACRAMENTO, Sacramento Co., Cal. Bronze work in State Library Building.

Owner—State of California.
Architect—Weeks & Day, Financial Center Bldg., San Francisco.

Contractor—C. J. Hillard Co., 19th and Minnesota Sts., San Francisco.

RESIDENCES

Bids Being Taken.
RESIDENCES Cost, \$12,000 each
SAN FRANCISCO. Kenwood Drive.
One-story 8-room frame and stucco residences.
Owner & Builder—Bell & Sylvester, 1365 Monterey Blvd., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco.

Bids Being Taken.
RESIDENCE Cost, \$12,000
SAN FRANCISCO. Eighteenth Ave. and Ulloa Street.
One-story eight-room frame and stucco residence.
Owner & Builder—Avid Hansen, 2427 25th Ave., San Francisco.
Architect—D. E. Jaekle, 395 Justin Dr., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, \$—
SAN FRANCISCO. No. 2007 Franklin Street.
Alterations and additions to present residence.
Owner—Samuel Lilienthal.
Architect—Gardner Dailey, 425 Mason St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, \$—
SAN FRANCISCO. Broderick & Vallejo Streets.
Alterations and additions to residence.
Owner—Morgan Gunst.
Architect—Gardner Dailey, 425 Mason St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,000
BERKELEY, Alameda Co., Cal. No. 1768-72-74 Solano Ave.
Three-story frame and stucco building (residence, 2 stores and garage).
Owner—Jos. Uxa, Hotel Whitecotton, Berkeley.
Architect—None.
Contractor—E. I. Kroska.
Building permit applied for.

Contract Awarded
RESIDENCE Cost, \$7,000
ALLENJO, Solano Co., Cal.; Maine St. bet. Montgomery and Alameda Sts.
One-story frame and stucco residence.
Owner—Miss May Cavanaugh, 738 Maryland St., Vallejo.
Architect—None.
Contractor—George Barenchi, 921 Kentucky St., Vallejo.

Contract Awarded
RESIDENCE Cont. Price, \$10,892
OAKLAND, Alameda Co., Cal.; Smith Reserve.
Two-story frame and stucco residence and garage.
Owner—Realty Syndicate Co., Syndicate Bldg., Oakland.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
Contractor—P. T. Wallstrum, 2252 Ashby Ave., Berkeley.

To Be Done By Day's Work
RESIDENCES Cost, \$5,000 each
SAN FRANCISCO, E 28th Ave., N Moraga Street.
Two 1-story and basement frame and stucco residences.
Owner and Builder—L. E. Hansberry, 1260 20th Ave.
Plans by Owner.
Building permit applied for.

Contract Awarded
RESIDENCE Cost, \$14,000
OAKLAND, Alameda Co., Cal. Casa Aladana.
Two-story frame and stucco residence (English type).
Owner—Harry Stockman.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
Contractor—P. T. Wallstrum, 2300 Ashby St., Berkeley.

To Be Done By Day's Work
RESIDENCES Cost, \$5,000 each
SAN FRANCISCO, E 26th Ave., S Moraga Street.
Two 1-story and basement frame and stucco residences.
Owner and Builder—W. H. MacKenzie, 1988 21st Ave.
Architect—L. E. Hansberry, 1260 20th Avenue.
Building permit applied for.

Sub-Contracts Awarded.
ALTERATIONS Cost, \$30,000
HILLSBOROUGH, San Mateo Co., Cal.
Alterations and additions to present residence.
Owner—Robert Miller, 1523 Vancouver Ave., San Mateo.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Contractor—Charles Stockholm & Sons, Russ Bldg., San Francisco.
Lumber—Wisnol Lumber Co., San Mateo.
Heating—W. D. Cashel, 739 Clementina St., San Francisco.
Plumbing—H. E. Park, Burlingame.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, \$5,000 each
SAN FRANCISCO. E Twenty-eighth Ave N Moraga St.
Four one-story and basement frame and stucco residences.
Owner and Builder—R. E. Chipperfield, 1295 15th Ave., San Francisco.
Architect—None.
Building permit applied for.

PASADENA, Los Angeles Co., Cal.—Thomas & Stevenson, 380 W Washington St., Pasadena, will build a 2-story 21-room frame and stucco dwelling at 1465 Orlando Road, Pasadena, for Karl C. von Platon; Kirkland Cutter, architect, Farmers & Merchants Bank Bldg., Long Beach; 107x144 feet; cost, \$60,000.

LOS ANGELES, Cal.—Architect C. K. Dennen, 219 Hollywood Security Bldg., is preparing working plans for a 2-story 16-room Italian type dwelling to be built in Holmby Hills; owner's name withheld; frame and stucco construction. Cost, \$50,000.

Plans Being Completed
RESIDENCE Cost, \$100,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence.
Owner—C. Waldo Coleman, 168 W Bellevue Ave., San Mateo.
Architect—Clarence Tantau, Shreve Bldg. San Francisco.
Specifications are now being written and bids will probably be called for shortly.

Sub-Contracts Awarded.
ADDITION Cost, \$15,000
SAN FRANCISCO. No. 660 California St.
One-story reinforced concrete addition to present home.
Owner—Paulist Fathers.
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Mill Work—Anderson Bros., Quint and Custer Sts., San Francisco.
Plumbing—Ahlbach & Mayer, 85 Dorland St., San Francisco.
Hardwood Floors—Ponsell Floor Machine Co., 525 Market St., San Francisco.
Heating—Scott Co., 243 Minna St., San Francisco.
Painting—J. H. Deverto, 215 Clara St., San Francisco.
Ornamental Iron—Folsom St. Iron Wks., 17th and Missouri Sts., S. F.
Roofing—H. & H. Roofing Co., Inc., 2734 Army St., San Francisco.
Sheet Metal Work—Western Furnace Co., Lansing and Essex Sts., San Francisco.

Segregated Bids Being Taken.
RESIDENCE Cost, \$800
EL CERRITO, Contra Costa Co., Cal.
Two-story seven-room frame and stucco residence.
Owner—Jack Gaylor.
Architect—Edward Nickel, 24 California St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$—
PALO ALTO, Santa Clara Co., Cal.
One-story 7-room frame and stucco residence (English type).
Owner—Willard Classen.
Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, \$10,000
ATHERTON, San Mateo Co., Cal.
One-story 8-room rustic residence.
Owner—Sig Kuagman.
Architect—Wm. Garren, DeYoung Bldg., San Francisco.
Contractor—R. Wolfe, 1983 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cont. Price \$10,365
SAN FRANCISCO, N Chestnut St., W Baker.
Two-story and basement frame and stucco residence.
Owner—Matteo Boraceto, San Francisco.
Architect & Contractor—Robinson & Johnston, 1316 Fulton St., S. F.

Sub-Contracts Awarded
RESIDENCE Cost, \$250,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story Class A reinforced concrete and steel residence.
Owner—Robert B. Henderson, Pres. Pac. Portland Cement Co., 111 Sutter St., San Francisco.
Architect—Gorden B. Kaufman, Union Bank Bldg., Los Angeles, Cal.
Contractor—Dowsett & Ruhl, Russ Bldg., San Francisco.
Reinforcing Steel—Badt Falk Co., Call Bldg., San Francisco.
Structural Steel—Mortensen Const. Co., 608 Indiana St., San Francisco.
Electrical Work—Coney and Kuchel, 475 5th St., San Francisco.
Plumbing and Heating—H. R. Park, 1230 Broadway, Burlingame.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Sub-bids are now being taken on other portions of the work.

Contract Awarded
RESIDENCE Cost, \$65,000
ATHERTON, San Mateo Co., Cal.
Two-story 15-room frame and stucco residence (Spanish type).
Owner—Leslie M. Moore.
Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.
Contractor—Chas. Stockholm & Son, Russ Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$50,000
SAN FRANCISCO. No. 710 El Camino Del Mar
Two-story and basement frame and stucco residence.
Owner—J. Sheldon Potter, Commercial Union Bldg., San Francisco.
Architect—Houghton Sawyer Co., 1025 Hearst Bldg., San Francisco.
Contractor—Chas. Stockholm & Son, Russ Bldg., San Francisco.

Owner Taking Bids
RESIDENCE Cost, \$15,000
WOODSIDE HEIGHTS, San Mateo Co.
Two-story eight-room frame residence (Colonial type).
Owners—Mr. and Mrs. J. Seagrave, 2224 Grove St., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.

Plans Ready for Bids in One Week
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
One-story twenty-room frame and stucco residence.
Owner—Fuller Brawner, 301 Mission St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Plans Being Figured
RUNGALOW Cost, \$5,000
SAN RAFAEL, Marin Co., Cal.
One-story frame and stucco bungalow.
Owner—Mrs. E. Foster, San Rafael.
Architect—Thomas O'Connor, 524 4th St., San Rafael.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Plans Being Figured
RESIDENCE Cost, \$5,000
SAN RAFAEL, Marin Co., Cal.
One-story frame and stucco residence.
Owner—Mrs. A. Klein.
Architect—Thomas O'Connor, 5420 4th St.,
San Rafael.

Sub-Bids Being Taken
RESIDENCE Cost, \$15,000
YUBA CITY, Sutter Co., Cal.
Two-story frame and stucco residence.
Owner—Cecil H. Straub.
Architect—Masten & Hurd, Shreve Bldg.,
San Francisco.
Contractor—J. W. Monroe, 5338 Clare-
mont Ave., Berkeley.

YOLO, Yolo Co., Cal.—J. G. Motroni.
Woodland, at \$15,000 awarded contract
by Herman Richter to erect residence at
Yolo; will be two-story, 9-room, stone tile
and pressed brick construction; tile roof;
casement type windows.

Contract Awarded
RESIDENCE Cont. Price \$17,263
STOCKTON, San Joaquin Co., Cal.
Two-story and basement 10-room brick
veneer residence.
Owner—James Lerza.
Architect—Peter Sala, 2130 N Commerce
St., Stockton.
Contractor—P. O. Hansen, Lodi.

Contract Awarded
RESIDENCE Cont. Price \$22,275
BERKELEY, Alameda Co., Cal., Clare-
mont Court.
Two-story and frame stucco residence
(10 rooms).
Owner—Mrs. W. R. L. Campbell, 2815
Claremont Court, Berkeley.
Architect—Benj. McDougall, 353 Sacra-
mento St., San Francisco.
Contractor—Emil Person, 29 San Luis St.,
Berkeley.

Plans Being Prepared.
CONVENT BLDG Cost, \$30,000
MONTEREY, Monterey Co., Cal.
One-story convent building.
Owner—Sisters of St. Francis.
Architect—Swartz & Ryland, Brix Bldg.,
Fresno.

Bids In—Taken Under Advisement
RESIDENCE Cost, \$22,000
BERKELEY, Alameda Co., Cal. Avalon
St. and Claremont Ave.
Two-story frame and stucco residence
(Spanish type; 9 rooms and 4 baths).
Owner—C. H. McIntyre.
Architect—W. H. Ratcliff, Chamber of
Commerce Bldg., Berkeley.

SCHOOLS

Bids To Be Called For In A Few Days.
SCHOOL Cost, \$9000
NEAR ROSEVILLE on County Line of
Placer and Sacramento Counties.
One-story frame and brick veneer school
building.
Owner—Center Joint School District.
Architect—Frederick S. Harrison, Peoples
Bank Bldg., Sacramento.

SCHOOL BLDG. Cost \$——
LOS ALTOS, Santa Clara Co., Cal.
New school building.
Owner—Los Altos Grammar School Dist.,
(H. A. Dutton, clerk).
Architect—W. H. Weeks, Hunter-Dulin
Bldg., San Francisco; 1736 Franklin
St., Oakland; and Bank of Italy Bldg.,
San Jose.

BERKELEY, Alameda Co., Cal.—Until
June 4th, 8 P. M., bids will be received
by Clara F. Andrews, Secy., Board of
Education, for furnishing finish hardware
to be used in connection with the con-
struction of the Garfield School, situated
at Rose and Grant Streets, Berkeley.

OAKLAND, Alameda Co., Cal.—The
following bids were received by John W.
Edgemond, Secy., Board of Education,
211 City Hall, to grade Elmhurst Junior
High School site:
Heafey Moore Co., 344 High St.,
Oakland\$2108.00
Lee J. Imell, Berkeley 3150.00
Paris Bros., Oakland 3960.00
Ariss-Knapp Co., Oakland 4684.00
Street Illumination and Constr.
Co., Oakland 5337.50
Bids taken under advisement for one
week.



NOTE:—Next Wednesday is Decoration Day and one year ago I visited the old home town at Tulare, and then ran the following story in this space. I repeat the same, for many said this same experience always happens at their picnics.—Sandy Pratt.

SANDY PRATT joined the multitude.

AND WENT to the country.

FOR THE Memorial Day vacation.

SANDY VISITED Tulare.

WHERE THOUSANDS of relatives.

BOTH BLOOD and marriage live.

AND A picnic.

ON THE Kaweah River.

WAS SUGGESTED for May 30th.

AND AFTER hours of arguing.

THE PARADE of three loaded autos.

WAS STARTED at 10:30 A. M.

SOON THE river was reached.

AND THE problem.

OF SELECTING a suitable spot.

FOR THE lunch started.

MAY, SANDY'S sister-in-law.

DID NOT like the first place.

ON ACCOUNT of limited shade.

ALTHOUGH HER husband.

SAID THIS particular spot.

WAS THE best.

ON THE river.

WE THEN drove miles.

TILL THE parade was halted.

AND THE river bank.

WAS AGAIN explored.

BUT JESSIE, another sister-in-law.

OBJECTED TO too many rocks.

CLARENCE (SANDY) Pratt, producer.

OF ROCK, sand and gravel.

LIKED THE "rocky" shore.

BUT THE women won.

AS USUAL.

AND WE drove for miles.

UP THE stream.

STOPPING AT thousands of places.

BEAUTIFUL, SHADY and everything.

BUT IF May liked it.

IT DID not suit Charley.

OR LUKE knew a better place.

AND FINALLY late.

IN THE afternoon.

WHEN ALL were exhausted.

FROM ARGUING.

AND THE long ride.

AND WEAK from lack of food.

WE STOPPED.

BEHIND A prospector's cabin.

AND ATE our lunch.

IN HIS back yard.

NOT HALF so clean.

AS THE grass-covered back yards.

OF ANY of the sisters-in-law.

THAT WERE in the party.

AND AFTER the lunch.

WE FOUND it was late.

AND THAT we had.

SPENT THE whole day.

SELECTING A picnic ground.

SO WE packed up hurriedly.

SO WE could get.

DOWN ON the main highway.

OFF OF the steep grades.

BEFORE DARKNESS came.

"I THANK you."



Did you ever go on a picnic and argue for hours on which spot was the best? Clarence (Sandy) Pratt, president of the Pratt Building Material Company, and producer of clean sand, rock and gravel at Sacramento, Marysville, Prattrock (near Folsom), Pratteo (Monterey County) and Mayhew (Sacramento County), just returned from such a trip (see above K.C.B.-like part of "Pratt's Concrete Mix.")

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by John W. Edgemond, Secty., Board of Education, May 15, to erect East Oakland High School and gymnasium. Will be two-story brick construction; estimated cost \$500,000. Miller & Warrack, architects, 1404 Franklin St., Oakland.

General Work
George Petersen, 1425 Santa Fe Ave., Oakland\$487,000
Contract awarded on alternate No. 3, or a deduction omitting showers).

Finish Hardware
Lawwell Hardware Co., 1320 Washington St., Oakland.....\$6794.26

Windows
Universal Window Co., 1916 Broadway, Oakland\$3826.00
Bids on slate blackboards and Mastiave flooring taken under advisement or one week.

SACRAMENTO, Cal.—Board of Education rejects bids to furnish hardwood oak or furniture manufacturing and new bids will be asked to be opened in July. Chas. Hughes is secretary of the Board of Education.

SAN RAFAEL, Marin Co., Cal.—Until June 12, 8 P. M., bids will be received by Oliver R. Hartzell, Secty., Board of Education, to furnish and deliver school supplies and equipment, woodworking supplies and equipment, fuel and janitor supplies and equipment for elementary schools and high schools. Specifications obtainable from secretary.

CHICO, Butte Co., Cal.—Until June 5, 5 P. M., bids will be received by Chas. H. Camper, Secty., Board of Education, to erect 2-classroom addition to Paradise school. A. G. Atkinson, architect, Chico. Work will also include extension and enlargement of the present heating plant, etc. check 5% payable to President of Board of Education, req. with bid. Plans obtainable from secretary on deposit of \$10, returnable.

SAN FERNANDO, Los Angeles Co., Cal.—Kings Military Academy, 5227 Stratford Road, has purchased a site at an Fernando and will erect a group of new school buildings. Preliminary plans provide for an administration building, dormitories and classroom buildings, designed in Spanish style; cost, \$100,000.

Preparing Preliminary Plans.
DORMITORY Cost, \$250,000
OAKLAND, Alameda Co., Cal. College Campus).

Two-story reinforced concrete dormitory (accommodations for 100; Spanish type).

Owner—Mills College.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

Commissioned To Prepare Plans.
ADDITION Cost, \$50,000
BERKELEY, Alameda Co., Cal. Telegraph Ave. and Ward St.

Two-story addition to present school building.

Owner—City of Berkeley.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

ALHAMBRA, Los Angeles Co., Cal.—J. R. Hull and W. S. Ford of the University of Southern California, who recently completed a survey of the public school situation in Alhambra, have made the following recommendations as to the construction of new school buildings: **Senior High School-Junior College**—Immediate construction of a new senior high school-junior college plant, to house 2200 pupils, at a cost including equipment, of \$1,155,000. Establishment of a junior col-

lege in 1921. **Junior High Schools**—In 1930 the replacement of temporarily buildings at the Richard Garvey school by new buildings to cost, including site, \$245,000; erection of a new plant at the San Gabriel school to cost \$255,000, and the erection of a new plant at Monterey Park to cost \$231,500. **Elementary Schools**—From 1921 to 1935 the erection of new buildings at the Fremont school to cost \$105,000, Ramona school to cost \$80,000. Ynez school to cost \$11,000; Granada school to cost \$49,000; Garfield school to cost \$10,000; New Hellman school to cost \$126,000; New Hill school to cost \$126,000; New Marengo school to cost \$190,000. Bond issues of \$1,415,000 for the spring of 1928 and of \$627,500 for the spring of 1930 are recommended. The Alhambra board of education has set June 15th as the date for holding the first election to provide funds for the senior high school-junior college program. Architects—John C. Austin, Frederic M. Ashley and John Walker Smart will prepare plans for this plant in the event the bonds are affirmed.

Plans Being Figured.
SCIENCE BLDG. Cost, \$145,000
SANTA BARBARA, Cal. Teachers' College.

Two-story reinforced concrete Science building with tile roof.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento

Plans Being Prepared
CONFIRMATORY BLDG. Cost, \$1,750,000
BERKELEY, Alameda Co., Cal. E College Avenue.

Five-story steel frame and concrete infirmatory building.

Owner—University of California.
Architect—Arthur Brown, Jr., 251 Kearny St., San Francisco.

The plans will not be ready for bids for about two months.

DAVIS, Yolo Co., Cal.—K. E. Parker, 135 South Park, San Francisco, recently awarded the plastering contract to Jessy Shay, 725 Tehama St., San Francisco, in connection with the construction of a two-story and basement reinforced concrete Class C Animal Science building, with tile roof. It is being erected at Davis for the University of California from plans prepared by Architect William C. Hays, First National Bank Bldg., San Francisco.

Plans Being Figured
SCHOOL BLDG. Cost, \$—
LOS ALTOS, Santa Clara Co., Cal.

Two-room addition to present one-story frame school building.

Owner—Los Altos Grammar School Dist., (H. A. Dutton, clerk).
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg., San Jose.

(See call for bids under official proposals this issue).

Preparing Working Drawings.
ADDITION Cost, \$33,000
OAKLAND, Alameda Co., Cal. Telegraph and Alcatraz Aves.

Four-room addition to present school building.

Owner—City of Oakland Board of Education.
Architect—W. E. Schirmer, 700 21st St., Oakland.

The plans will be ready for bids in two weeks.

SANTA MARIA, Santa Barbara Co., Cal.—Until June 21, 7:30 P. M., bids will be received by the Board of School Trustees, M. M. Purkiss, Clerk, Santa Maria School District, for construction

of West Addition to the East Main St. School. Plans prepared by Louis N. Crawford, Architect, 8 Jones Bldg., Santa Maria. See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—Until June 5th, 5 P. M., bids will be received by Chas. Camper, Secretary, Board of Education, for the construction of additions to present school building for which bonds of \$40,000 were recently voted. Plans were prepared by Architect A. G. Atkinson, Chico. Plans obtainable from Board of Education, Municipal Bldg., Fifth and Main Sts., Chico.

YUMA, Ariz.—Architects T. C. Kistner & Co., 814 Architects Bldg., Los Angeles, completes prel. plans for additional building to high school and for a gymnasium for Yuma High School District; high school will be 2-story and basement and will contain an auditorium to seat 800, cafeteria, classrooms, domestic science department and administration suite and will cost \$150,000. The gymnasium building will be one-story with large playing floor, spectators' gallery, locker rooms, shower baths, etc., and will cost \$50,000. Both buildings will be of reinforced concrete construction.

VAN NUYS, Los Angeles Co., Cal.—Ernest G. Beynon, 217 Ave. 17, Los Angeles, awarded contract for Class A parochial school for Roman Catholic Bishop of Los Angeles and San Diego, St. Elizabeth's Parish, Rev. Edward Keohan, pastor; assembly hall to seat 400; I. E. Loveless, 714 Chester Williams Bldg., Los Angeles, architect; reinforced concrete.

SAN FRANCISCO.—Until June 11, 11 A. M., bids will be received by Leonard S. Leavy, city purchasing agent, 270 City Hall, under Proposal No. 385, to fur. and del. stock furniture for school department. Further information obtainable from above.

Preliminary Plans Being Prepared.
ADDITION Cost, \$6000
SACRAMENTO, Sacramento Co., Cal.
One classroom addition to present one-story brick veneer school building (remodel stage, steam heating system).

Owner—Elder Creek School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

SAN FRANCISCO.—Meyer Bros., 727 Portola Drive, at \$63,564 awarded contract by Board of Public Works for alterations and additions to Jefferson school in east side of 19th Ave. bet. Irving and Judah Sts. Other awards are: Thos. Skelly, 1344 9th Ave., at \$4,360, plumbing; H. Ankers, 22 Lexington Ave., at \$2,875, painting; Scott Co., 243 Minna St., at \$8,335, mechanical equipment; Newberry-Pearce Electric Co., 439 Stevenson St., at \$5,300, electric work.

ANTIOCH, Contra Costa Co., Cal.—Until June 4, 2 P. M., bids will be rec. by Joe Nichols, clerk, Bradford School District, to erect frame school building. Plans by George Field, Antioch. Cert. check 10% req. with bid. Plans obtainable from designer at Antioch on deposit of \$25, returnable, and on file in office of County Superintendents of Schools at Martinez.

Plans Being Figured—Bids To Be Opened
June 14th, 7:30 P. M.

COLLEGE BLDG. Cost, \$50,000
SALINAS, Monterey Co., Cal.
One-story Class B Junior College Building (7 classrooms).

Owner—Salinas Junior College (E. L. Van Delen, Clerk).
Architect—Ralph Wyckoff, Growers Bk. Bldg., San Jose.

Bids are being taken for a general contract and will be opened at the high school.

OAKLAND, Alameda Co., Cal.—Until June 4th, 11 A. M., bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, for the construction of (a) poultry buildings; (b) superintendent's cottage; and (c) laboratory building in Strawberry Canyon. Drawings and specifications obtainable from Room 218 California Hall, Berkeley, upon deposit of \$25. See call for bids under official proposals this issue.

LAYOUTS AND ESTIMATES FURNISHED
MEMBER BUILDERS EXCHANGE

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

PLASTERING CONTRACT AWARDED
FRESNO, Fresno Co., Cal.—Jesse Shea, 725 Tehama St., San Francisco, has been awarded plastering contract by Monson Bros., 475 6th St., San Francisco, in connection with the Fresno State Teachers' College now under construction for the State of California.

BURBANK, Los Angeles Co., Cal.—Until 6:30 P. M., June 6, bids will be received by the board of education to erect additions to Joaquin Miller and Abraham Lincoln schools. Bids will be taken separately on the general contract, plumbing, heating and electric wiring. Additions will include an auditorium to seat 300 people and a building to contain four classrooms. Auditorium of brick construction with stucco exteriors and shingle roofs. Classroom buildings of frame and stucco construction with shingle roofs. Total cost \$70,000. Plans prepared by Architect Francis D. Rutherford, Santa Monica; Leo G. Forth, business manager, Edison school building, 224 W San Fernando Blvd., Burbank.

CHICO, Butte Co., Cal.—Architects Cole and Brouchard, Chico, completing plans for new school to be erected in Thirteenth Subdivision under recently voted \$40,000 bond issue.

LEMOORE, Kings Co., Cal.—Until June 5, 7 P. M., bids will be received by A. N. Skoegard, clerk, Lemoore Union Elementary School District, to erect garage building at school grounds. Cert. check 5% payable to clerk req. with bid. Plans obtainable from clerk.

Sub-Contracts Awarded
REMODEL STORE Cost, \$45,000
SAN FRANCISCO, Ellis St. and Stockton. Remodel present building for store.
 Owner—Foreman & Clark, 105 Stockton.
 Architect—H. J. Knauer, 105 Stockton.
 Contractor—Barrett & Hilp, 918 Harrison Street.
Roofing—Alta Roofing Co., 225 Gough St.
Glass—Crows Glass Co., 675 Golden Gate Avenue.
Mill Work—Sudden Lumber Co., 1950 3rd Street.

BANKS, STORES & OFFICES

BUCKEYE, Ariz.—C. W. Steele Construction Co. awarded contract to erect brick and concrete bank and store at Buckeye for the Buckeye Valley Bank, 60x100 feet. Lescher & Mahoney, Phoenix, architects.

LOS ANGELES, Cal.—See "Theatres," this issue. Plans being prepared for hotel, stores, theatre for Norman Williams.

Contemplated.
OFFICE BLDG. Cost, \$45,000
FRESNO, Fresno Co., Cal. Fulton St. (on 1500 Block).
 One-story concrete office building (50x150 feet).
 Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
 Architect—Engineering Dept. of Owner.
 A new lease on the building now occupied by the gas company at 2037 Tuolumne street has been signed, but this is for but one year, indicating work on the concern's own building will be started within that time, however, nothing definite can be announced at this time.

Sub-Bids Being Taken.
OFFICE BLD. Cost, \$300,000
OAKLAND, Alameda Co., Cal. Fourteenth St., bet. Webster and Franklin Streets.
 Five-story Class A office building, 50 by 100 feet.
 Owner—Income Properties of Calif., 436 14th St., Oakland.
 Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
 Contractor—Chas. Heyer, Mills Bldg., San Francisco.
 As previously reported, excavating awarded to Ariss-Knapp Co., 961 41st St., Oakland.

VISALIA, Tulare Co., Cal.—Until May 24th, 2 P. M., bids will be received by Architect George E. McDonald, 210 E Main St., Visalia, for remodeling a business building. Plans and specifications obtainable from architect's office.

Wrecking Contract Awarded
OFFICE BLDG. Cost, Apprx. \$200,000
SAN FRANCISCO, California St. near Sansome Street.
 Ten-story Class A office building to adjoin present building.
 Owner—Robert Dollar Co., 311 California St., San Francisco.
 Architect—Charles McCall, 1404 Franklin St., Oakland.

Floors to be on same level as present building and no additional elevation will be installed.

Wrecking—California Wrecking Co., 666 Mission St., San Francisco.
 Wrecking to be completed within 15 days.

OAKLAND, Alameda Co., Calif.—The following bids were received by John W. Edgemond, Secty., Board of Education, to erect McClymonds High School gymnasium in north side of 26th St. bet. Filbert and Linden Sts. Will be one-story brick construction; est. cost, \$90,000. Plans by Buildings and Grounds Department, Board of Education. Robert King, electrical engineer, 2601 Kingsland St.

General Work
 Alfred Olsen, 531 Viona Ave., Oakland.....\$ 89,976
 John E. Branagh, Oakland..... 91,800
 Vogt & Davidson, San Francisco..... 95,843
 Geo. Swanstrom, Oakland..... 100,952
Finish Hardware
 Maxwell Hdw. Co., 1320 Washington St., Oakland.....\$ 2,198
 Associated Hdw. Co., Oakland..... 2,273
Masti-Pave. Flooring
 Venor & Co., 830 Market St., San Francisco.....\$1,334.80

Contract Awarded
ALTER. & ADDITIONS Cost, \$9000
SAN JOSE, Santa Clara Co., Cal.; Julien and Pleasant Streets.
 Alterations and additions to present bldg.
 Owner—Guggenheim Co., 150 California St., San Francisco.
 Architect—None.
 Contractor—R. O. Summers, 17 N First St., San Jose.

Sub-Contracts Awarded.
ALTERATIONS Cost, \$15,000
SAN FRANCISCO, No. 1053-1055 Market Street.
 Alterations and additions to building (store fronts, etc.)
 Owner—F. & W. Grand Five, Ten and Twenty-five Cent Store, Inc.
 Architect—Reid Bros., 105 Montgomery St., San Francisco.
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
 The Home Mfg. Co., 552 Brannan St., have been awarded the contract for plastering, plumbing, new flooring, electrical work, store fronts, painting and decorating.

As previously reported, sub-contracts have been let for: Plumbing and heating awarded to Dowd & Welch, 3558 16th St., S. F.; plastering to Peter Bradley, 639 Brannan St., S. F.; glass to W. P. Fuller & Co., 301 Mission St., S. F.

Contract Awarded.
ALTERATIONS Cost, \$20,000
SAN FRANCISCO, N Market St., bet. Montgomery and Kearny Sts.
 Remodel present building for restaurant (will be known as Tait's Tavern).
 Owner—John Tait, Phelan Bldg., San Francisco.
 Plans by Owner.
 Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco.

Contract Awarded
MARKET BLDG. Cost, \$7,000
VALLEJO, Solano Co., Cal.; 119 Georgia Street.
 One-story frame market building.
 Owner—Name Withheld.
 Architect—None.
 Contractor—George Barenchl, 921 Kentucky St., Vallejo.

Additional Contracts Awarded
BANK BLDG. Cost, \$100,000
SAN FRANCISCO, Mission and Norton Streets.
 One-story steel frame and concrete bank building.
 Owner—Hibernia Savings & Loan Society.
 Architect—Arthur Brown, Jr., 251 Kearny St., San Francisco.
 Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Lumber—Beecher Co., 1161 Mission St.
Glass & Glazing—W. P. Fuller Co., 301 Mission St.
Safe Deposit Vaults—Hermann Safe Co., Howard & Main Sts.
Finish Hardware—H. B. Yost, 4023 24th Street.
Shades and Draperies—D. N. & E. Walter, 562 Mission St.
 Other awards previously reported.

LOS ANELES, Cal.—Schofield-Twals Co., Pacific Finance Bldg., has the contract to erect a new retail store building at Santa Monica Blvd. and St. Andrews Place for Sears, Roebuck & Co. It will be a Class A structure, three stories and basement, 152x152 feet. The construction will be of reinforced concrete with stucco exterior and tile roof. Plans are being completed by Geo. C. Simmons & Co., Chicago. Sears, Roebuck & Co. have also secured a site at the southeast corner of Fifth St. and American Ave., Long Beach, for the erection of a retail store in that district. C. R. Cook, general manager, states that the size of this building has not been determined definitely. The site is 100x200 feet.

ALHAMBRA, Los Angeles Co., Cal.—Architect John Walker Smart, 39 E. Main St., Alhambra, is taking bids from a selected list of contractors for erecting a two-story Class B medical building at the southwest corner of Chapel and Main Sts., Alhambra, for a client; 100x80 feet, enclosed parking space, 100 x90 feet. Cost \$75,000. Bids are being taken separately on general, heating and ventilating, painting, electric wiring, plumbing and elevator.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tol. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

LOS ANGELES, Cal.—Architect S. Charles Lee, 531 Petroleum Securities Bldg., has completed working plans and is taking bids on general contract for the erection of a 4-story and basement Class A store and office building, at the southeast corner of Western Ave. and Hollywood Blvd., for Louis B. Mayer and associates; the building will contain recreation rooms and bowling alleys in basement, 10 stores and lobby on first floor with 54 office suites in upper floors, 11x16 ft.; 70 tons of structural steel involved. Cost, \$300,000. All work will be included in the general contract. Plans available at the architect's office at once.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 709 Textile Center Bldg., has completed working plans for an 11-story and basement Class A loft building at the corner of 12th St. and Maple Ave., for Lloyd & Casler; 143x130 feet, reinforced concrete construction. Edwards Bros., 915 N. Sycamore Ave., has been awarded the excavating contract.

MARTINEZ, Contra Costa Co., Cal.—Martinez Furniture Co., G. W. Huffman, manager, is taking bids to erect a one-story addition to the warehouse at the rear of the present structure at Howard and Estudillo Sts., for display rooms. Estimated cost, \$10,000.

Segregated Bids Wanted
MARKET BLDG. Cost, \$20,000
MODESTO, Stanislaus Co., Cal. Seventh and 1 Sts.

One-story frame and concrete store and owner—Mr. Mellis.
Architect—Russell Guerne De Lappe, 1719 Franklin St., Oakland.

Until May 25, segregated bids will be received for construction, Elias-Harris Bldg., 11x11 and Eye Sts., Modesto, for the following units of the project: Grading and excavating; concrete and cement work; reinforcing (steel); carpentering; lumber; mill and finish; plastering; brick work and masonry; sheet metal and miscellaneous iron; glass and glazing; painting; roofing; tile; hardwood floor; plumbing; electrical work; metal sash; refrigeration.

Plans To Be Prepared
BANK BLDG. Cost, \$—
PALO ALTO, Santa Clara Co., Cal.
New Bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy & Powell Sts., S. F.

Plans Being Figured
FITTING UP OFFICE Cost, \$—
SAN FRANCISCO, Ground floor of Russ building
Fitting up broker's offices.
Owner—Lillenthal Bremer & Co., 310 Montgomery St.
Architect—Kent & Hass, 525 Market St.

ALAMEDA, Alameda Co., Cal.—J. J. Groden, 1028 San Antonio St., Alameda, at \$22,320 submitted low bid and contract has been recommended to be awarded him by A. D. Goldsworthy, secy., Alameda City Board of Public Utilities, to erect office building. Carl Werner, architect, 605 Market St., San Francisco. Will be one-story hollow tile construction.

Other bidders were:
Dinnie Const. Co., Oakland.....\$22,871
Jensen and Pedersen, Oakland.....22,918
A. F. Anderson, Oakland.....25,346
Vogt and Davidson, Oakland.....26,622
J. Bjorkman, Oakland.....26,804
Sullivan and Sullivan, Oakland.....26,904
G. Nordstrom, Oakland.....27,984
A. C. Anderson, Oakland.....33,692

SAN FRANCISCO—The Capitol Art Metal Co., 1129 Howard St., has been awarded the calomine contract by the Dinwiddie Construction Co., Crocker Bldg., San Francisco, in connection with the construction of the five-story Class A building now under construction on the northwest corner of O'Farrell and Stockton Sts. Plans were prepared by Architect Lewis P. Hobart, Crocker Bldg. Other awards previously reported.

To Be Done By Day's Work. \$20,000
ALTERATIONS
SAN FRANCISCO, N. Market St., bet Montgomery and Kearny Sts.
Remodel present building for restaurant (will be known as Tait's Tavern).
Owner—John Tait, Phelan Bldg., San Francisco.
Plans by Owner.

Underpinning Contract Awarded.
OFFICE BLDG. Cost approx. \$4,000,000
SAN FRANCISCO, N. Sutter St., bet Stockton and Powell Sts.
Twenty-six-story and basement Class A office building (400 offices and garage for 500 cars in rear; foundation for 30 stories).
Owner—450 Sutter St., Inc., Dr. F. C. Morgan et al, 424 Hunter-Dulin Bldg., San Francisco.
Architect—Miller & Pfluger, 580 Market St., San Francisco.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

Underpinning—D. & J. T. Sullivan, 1942 Polson St., San Francisco.
As previously reported, excavating awarded to Granfield, Farrar & Carlin, 67 Hoff St., S. F.; structural steel to McClintic-Marshall Co., 2050 Mryant St., San Francisco.

YUBA CITY, Sutter Co., Cal.—Plans prepared for Daniel Dempsey, Yuba City, for a store and postoffice building to be erected at Yolo and Bridge streets to be leased to U. S. Government have received approval of Post Office Department and a contract for construction will be let shortly by the owner. One-story brick, 40 by 80-ft.

Sub-Contracts Awarded.
STORE BLD. Cost Approx., \$24,000
REDWOOD CITY, San Mateo Co., Cal.
One and two-story Class C store building.
Owner—Hare, Brewer & Clark, Inc., 139 University Ave., Palo Alto.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—L. Dioguardi, 30 W-Poplar St., San Mateo.

These stores will be erected in conjunction with a Class A theatre covering property, 200x164 feet. Total cost, \$200,000.

Electrical Work—M. E. Ryan, Redwood City.
Mill Work—Hubbard & Carmichael Bros. Inc., 384 W-Santa Clara St., San Jose.

Framing Lumber—Pope & Talbot, Russ Bldg., San Francisco.
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.

Painting—D. E. Burgess, 602 S-Center St., Stockton.

Reinforcing Steel—Pacific Coast Steel Co., 111 Sutter St., San Francisco.

Plumbing and Heating—Minton Co., Mt. View.

Sand and Gravel—Redwood City Material Co., Redwood City.

Plans Being Figured. Cost, \$—
REMODEL
SAN FRANCISCO, Howard Street.
Remodel exterior of building.
Owner—Pacific Mill & Mine Supply Co., 616 Mission St., San Francisco.
Architect—Sidney B. Noble and Archie T. Newsom, Federal Realty Bldg., Oakland.

Preliminary Plans Being Prepared. Cost, \$—
OFFICE BLDG.
MILLS, Sacramento Co., Cal.
One-story brick veneer office building with tile roof.
Owner—Silver Bros. Winery.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Contract Awarded.
OFFICE BLDG. Contract Price, \$22,302
ALAMEDA, Alameda Co., Cal. SW Santa Clara Ave. and Everett St.
One-story hollow tile office building.
Owner—Municipal Light & Power Co., (Clifton E. Hickof, City Manager).
Architect—Carl Werner, 605 Market St., San Francisco.
Contractor—J. J. Groden, 1028 San Antonio St., Alameda.

LOS ANGELES, Cal.—Architects Curlett & Beelman, 1020 Union Bank Bldg., preparing prel. plans for a 10-story and basement Class A bank and office building to be erected at Hollywood Blvd. and Vine St. for E. R. Smith, Guaranty Bldg., Hollywood, and associates. The Bank of Hollywood will occupy the main floor. Cost, \$1,000,000.

Plans Being Prepared. Cost, \$15,000
BUSINESS BLDG.
SAN RAFAEL, Marin Co., Cal. Fourth Street.
One-story reinforced concrete business building.
Owner—Ed. Haley.
Architect—Thomas O'Connor, 524 4th St., San Rafael.

Plans Ready For Bids In One Week.
OAKLAND, Alameda Co. Cal. NW Twenty-ninth and Summit Sts. (77x102 feet).
Five-story Class B reinforced concrete medical building (40 offices).
Owner—Group of San Francisco businessmen (names withheld).
Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.

Preliminary Plans Being Prepared. Cost, \$900,000
MEDICAL BLDG.
OAKLAND, Alameda Co., Cal. NW Thirty-fourth St. and Broadway.
Nine-story Class A steel frame and concrete medical center building (exterior of terra cotta and pressed brick).
Owner—Represented by Martin B. Reed, 1736 Franklin St., Oakland.
Architect—E. W. Cannon, Ray Bldg., Oakland.

THEATRES

Plans Ready For Bids In Thirty Days. Cost, \$50,000
THEATRES
SAN FRANCISCO, Location Withheld.
Three one-story reinforced concrete theatre buildings (seating capacity 300).
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

LOS ANGELES, Cal.—Architect A. Godfrey Bailey, Hillstreet Bldg., has prepared prel. plans for 4-story store, hotel and theatre building to be erected on Pacific Blvd., Huntington Park, for Norman Williams. The front portion will contain five stores, hotel lobby and theatre lobby in the first story with sixty hotel rooms in the upper stories. The rear of the building will contain a large theatre auditorium with balcony, stage and dressing rooms. Brick construction. Negotiations are under way with the Shelly Players of Huntington Park for leasing the theatre portion. Cost \$200,000.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Hennlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Working Drawings Being Prepared.
THEATRE, ETC. Cost, \$15,000
PLEASANTON, Alameda Co., Cal.
One-story concrete theatre and store
building (seating capacity 400; two
stores).

Owner—Lincoln Theatre Co.
Architect—Miller & Warnecke, 1404
Franklin St., Oakland.
Bids will be called for shortly.

Sub-Bids Being Taken
THEATRE BLDG. Cost, \$75,000
MILL VALLEY, Marin Co., Cal.
One-story class C concrete theatre bldg.,
(seating capacity 1000).

Owner—Blumfeld Theatre Circuit.
Architect—Reid Bros., 105 Montgomery
St., San Francisco.
Contractor—G. B. Pasqualetti, 2330 Lark-
in St., San Francisco.

Preliminary Plans Being Prepared.
ALTERATIONS Cost, \$30,000
OAKLAND, Alameda Co., Cal. Mills
College Campus.
Alterations to College Hall for theatre.
Owner—Mills College.
Architect—W. H. Ratcliff, Chamber of
Commerce Bldg., Berkeley.

CORONA, Riverside Co., Cal.—Archit-
ect Carl Boller, 340 Douglas Bldg., Los
Angeles, taking bids for 2-story class C
theater at 6th and Ramona Sts., for Cor-
ona Security Corp.; 6 stores, 4 shops and
11 offices, auditorium will seat 900 people.
Spanish type, 150x150 ft., brick walls,
\$125,000.

Excavating Bids To Be Taken In Thirty
Days.

OPERA HOUSE Cost, \$1,500,000
SAN FRANCISCO. Block bounded by
Van Ness Ave., Franklin, Grove and
Fulton Streets.

Class A opera house, seating capacity
4000; standing room 500.
Owner—San Francisco War Memorial
(John S. Drumm, chairman).

Architect—G. Albert Lansburgh, 140
Montgomery St., and Arthur Brown,
251 Kearny St., San Francisco.

A. Wagstaff, 381 Bush St., in charge
of memorial drafting room.

As previously reported, contract for
test borings at site was awarded to J.
B. Rogers, 110 Sutter St., S. F.

WHARVES AND DOCKS

OAKLAND, Alameda Co., Cal.—George
Schuster, 4712 Grove St., Oakland, at \$2-
155 was awarded the contract by G. B.
Hegardt, Secty., City Port Commission,
424 Oakland Bank Bldg., to furnish and
install steam heating system in Grove
street pier shed.

Plans Being Figured—Bids Close June
6, 2 P. M.

ALTERATIONS Cost, \$—
SAN FRANCISCO. Islais Creek.
Extension of present wood and grain
terminal building.

Owner—State Board of Harbr Commis-
sioners.

Engineer—Frank White, Ferry Bldg.,
San Francisco.

MISCELLANEOUS BUILDING CONSTRUCTION

Sub-Contracts Awarded.
ADDITION Cost, \$225,000
SAN FRANCISCO. Golden Gate Park.

Addition to Kezar Stadium.
Owner—City & County of San Francisco.
Architect—Masten & Hurd, Shreve Bldg.
San Francisco.

Contractor—J. A. Bryant, 185 Stevenson
St., San Francisco.

Will be of steel or reinforced concrete
construction with all steel uprights.
Present walls will be increased in height
from 25 to 35 ft. New dressing rooms and
pavilion for newspaper and camera men
will be provided.

Miscellaneous Iron—C. J. Hillard, Inc.,
19th and Minnesota Sts., S. F.

Reinforcing Steel—Gunn, Carle & Co.,
444 Market St., San Francisco.

Electrical Work—Fred W. Minkle, 2003
Blaboa St., San Francisco.

Fencing—Standard Fence Co., 432 Bry-
ant St., San Francisco.

Painting and mill work bids to be
taken shortly.

As previously reported, lumber award-
ed to Chas. Nelson Lumber Co., 230
California St., San Francisco.
Plumbing and sewerage to Herman
Lawson, 465 Tehama St., S. F.

Revised Plans Completed.
MAUSOLEUM, ETC. Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal. Oak
Hill Cemetery.

Reinforced concrete mausoleum and col-
umbarium.

Owner—Oak Hill Improvement Co., Wm.
Vieth, director, Commercial Bldg.,
San Jose.

Engineer—H. J. Brunner, Sharon Bldg.,
San Francisco.

Architect—Roller West Co., First Nat'l
Bank Bldg., San Francisco.

Specifications are now being written.

EUREKA, Humboldt Co., Cal.—Halsby
and Lax, Eureka, at \$1,938.64 awarded
cont. by city to const. chain link wire
fence around portion of elk and deer pad-
docks at Sequoia Park; engineer's esti-
mate, \$2,300. Other bidders were: J. L.
Hall, \$2,040; Standard Fence Co., \$2,058-
86; Mercer-Fraser Co., \$2,072; A. C.
Johnson, \$2,192.

LOS ANGELES, Cal.—Until 9 A. M.,
June 1st, bids will be received by the
Board of Education for the installation of
a fireproof vault at the Hollenbeck Junior
High School. Plans may be obtained at
761 Chamber of Commerce Bldg. Wm.
A. Sheldon, Secretary.

Bids Opened—Taken Under Advisement
CHAPEL, ETC. Est. Cost, \$60,000
OAKLAND, Alameda Co., Cal., 18th and
Grove Sts.

Two-story hollow tile Class C chapel and
undertaking parlor.

Owner—V. C. Pagorifio & Lewis, 952 8th
St., Oakland.

Architect—Harris Allen, 1924 Broadway,
Oakland.

RICHMOND, Contra Costa Co., Cal.—
Jesse Shay, 725 Tehama St., San Fran-
cisco, has been awarded plastering con-
tract by Monson Bros., 475 6th St., San
Francisco, in connection with the con-
struction of the one-story reinforced
concrete terminal building in Richmond.
Plans were prepared by the engineering
department of the Santa Fe Railroad
Company, owners, 114 Sansome St., San
Francisco.

Plans Being Figured
MAUSOLEUM, ETC. Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal. Oak
Hill Cemetery.

Reinforced concrete mausoleum and col-
umbarium.

Owner—Oak Hill Improvement Co., Wm.
Vieth, director, Commercial Bldg.,
San Jose.

Engineer—H. J. Brunner, Sharon Bldg.,
San Francisco.

Architect—Roller West Co., First Nat'l
Bank Bldg., San Francisco.

SAN MATEO, San Mateo Co., Cal.—The
Pacific Tank & Pipe Co., 320 Market St.,
San Francisco, at \$1276, submitted low
bid and was awarded the contract by E.
W. Foster, city clerk, to construct two
20,000-gal. water tanks and replace deck-
ing on present tower in city park. Bids
to include removal of old tanks and deck-
ing to become property of the city.

Other bidders were:
George Windeler Co., S. F. \$1,330
Roth Const. Co., San Francisco 1,388
C. E. Fowler, Burlingame 2,039

YOUNTVILLE, Napa Co., Cal.—The
following contracts were awarded by
State Department of Public Works, Di-
vision of Architecture, Forum Bldg.,
Sacramento, to erect two-story rein-
forced concrete barracks with cement
finish floors and tile roof. W. C. Hays,
architect, First National Bank Bldg.,
San Francisco:

General Work
H. H. Henning, 1731 Berkeley Ave.,
Stockton \$135,460

Plumbing and Heating
Mechanical Contracting Co., 83 Ship-
ley St., S. F. \$21,780

Electrical Work
Porter Elec. Co., 1500 Church St.,
San Francisco \$4450

HOLLYWOOD, Los Angeles Co., Cal.
—Fox Film Studio at Sunset Blvd. and
Western Ave. suffers \$200,000 fire loss
May 21.

Contract Awarded
LAUNDRY BLDG. Cost, \$8,000
OAKLAND, Alameda Co., Cal. W Har-
lan St., N 34th.
One-story brick laundry building.
Owner—Oakland Overall Co., 3501 Peralta
St., Oakland.
Architect—None.
Contractor—Spivock & Spivock, Hobart
Bldg., San Francisco.
Building permit applied for.

COMPTON, Los Angeles Co., Cal.—
Angeles Abbey has been granted a per-
mit by the city council to erect an ad-
dition to the mausoleum to cost \$100,000.
It will be of reinforced concrete, stone
and marble construction.

SAN FRANCISCO—S. J. Hester, sec-
retary of the Board of Public Works,
announces that a free dump is available
to contractors and others in Jerrold Ave
east of San Bruno Ave.

SANTA CRUZ, Santa Cruz Co., Cal.—
E. F. Adams, Santa Cruz, at \$750 sub-
low bid to city for painting at municipal
wharf. Taken under advisement.

Contract Awarded.
GYMNASIUM Cost, \$40,000
SAN FRANCISCO. N Silver Ave. E.
Cambridge Street.
One-story and basement reinforced con-
crete gymnasium building.
Owner—Salvation Army, 36 McAllister
St., San Francisco.
Architect—R. F. Inwood, Long Beach.
Contractor—Geo. T. Gayton, 36 Mc-
Allister St., San Francisco.
Building permit applied for.

SAN FRANCISCO—Bids are being re-
ceived by Frank White, Engineer, Ferry
Bldg., for steel rolling doors in connec-
tion with the one-story wooden build-
ing to be erected between piers 26 and
28 for the State Board of Harbor Com-
missioners. Contract for building has
been awarded to A. W. Kitchen, 110
Market St., at \$62,677.

BUSINESS OPPORTUNITIES

Hardwood Timber Lands—Antonio G.
Canalizo, la De Cante No. 1, Mexico, D.
F., owning 167,402 acres of virgin forest
on the Gulf of Mexico, clear of indebted-
ness, is interested in making the proper
financial connections to exploit these
vast natural resources of hardwoods,
such as—mahogany, cedar, zapota tree,
balsamo de Peru, logwood, etc. The
property, partially developed, is self-
supporting with 47 miles of tramway,
telephone line, numerous buildings, ware-
houses, and other valuable improve-
ments. Taxation is low on forest lands
in Mexico. Further information avail-
able to interested parties.

Lumber, Building Materials, Etc. —
Geo. E. Taylor, Manager, Central Ameri-
can Agencies, Apartados, 679, San Jose,
Costa Rica, (manufacturers' agents),
desires to establish connections with in-
terested exporters of Douglas fir, Cali-
fornia redwood, etc., for which there is
an extensive market in Costa Rica. They
are also in a position to introduce the
lines of other San Francisco manu-
facturers of merchandise or building ma-
terials, wishing to market their prod-
ucts in Costa Rica on a commission
basis.

New York Representation—W. J. Park-
er, 7 East 44th St., New York City, a
commissioner for two trade associations
is looking for another association to
serve in the same capacity. He also de-
sires to act as New York representative
for California commercial houses in-
terested in marketing their products in
that territory. References available.

Hardware, Iron Plate, Nails, Etc.—
Joseph Misrachl, Skoplie, Yugoslavia,
desires contact with American manu-
facturers of the above-mentioned lines.
References.

Carbon Black—John Schobbins, 19 rue
des Arnebusiers, Antwerp, Belgium,
wishes to hear from American manu-
facturers of carbon black, who are in-
terested in representation in Belgium on
a commission basis. The Belgian de-
mand for this article is said to be active.

Electrical Soldering Apparatus—Zeva-
Electricitaets-A. G. Kohlen Str. 151,
Kassel-Wilth., Germany, manufacturer of
electrical soldering apparatus of a new
device wants an agent in California.

Engineering News Section

BRIDGES

LAKE COUNTY, Cal.—Until June 13, 2 M., bids will be rec. by State Highway Comm. to const. reinf. conc. girder bridge consisting of eight 57-ft. spans on conc. piers and abutments over Cache Creek about 36 miles west of Williams. Call for bids under official proposal in this issue.

ROSEVILLE, Placer Co., Cal.—City will call election to vote bonds of \$50,000 to finance const. of two reinf. conc. bridges within the city limits. Southern Pacific R. will contribute \$10,000 to assist in financing construction.

SALEM, Ore.—Until May 29, 10 A. M., bids will be rec. by State Highway Comm. to const. bridge over Umpqua river on rain-Reedsport road at Scottsburg involv. 880 cu. yds. excavation; 1,225 cu. ls. conc.; 136,000 lbs. metal reinforcement; 940,000 lbs. structural steel; 375 lin. conc. handrail. Plans obtainable from commission at Salem on deposit of \$5, returnable.

EUREKA, Humboldt Co., Cal.—Until June 12, bids will be rec. by Fred M. Kay, county clerk, to const. bridge at Korbel over North Fork of Mad river; so the Jacoby Creek bridge on the old Reata Rd. Plans on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—Until June 4, 12 noon, bids will be rec. by W. Coulter, county clerk, to const. reinf. conc. bridge at Sta. 20-65 State Highway. Glen Ellen road, in First Sup. Dist., involv. 80 cu. yds. reinforced conc. Est. \$2,370. Plans obtainable from E. A. Leigh, county surveyor.

LAKE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., June 13, 1928, 2 P. M., to const. reinforced conc. girder bridge consisting of eight 57 ft. spans on conc. piers and abutments over Cache Creek about 36 miles west of Williams. Project involves: 1000 cu. yds. structure excavation without classification; 410 cu. yds. Class "C" Portland cement concrete; 1080 cu. yds. Class "A" Portland cement concrete (bridge); 42 cu. yds. Class "E" Portland cement concrete; 60 cu. yds. Class "A" Portland cement concrete (slope paving); 240,000 lbs. reinforcing steel; 12,000 lbs. cast steel rollers and bearings; 520 cu. yds. structure backfill.

SEATTLE, Wash.—Puget Sound Bridge Dredging Co., Central Bldg., Seattle, \$190,398 sub. low bid to Board of Pub. Works for const. of substructure of West pokane street bridge. Other bidders were: McEachern Const. Co., \$217,259; Ross Const. Co., \$271,711, and A. W. Quist Co. at \$287,168. Contract will probably be awarded May 25th.

EUREKA, Humboldt Co., Cal.—Until June 12, 1928, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to const. reinforced concrete bridge across the North Fork of Mad River at Korbel in Road District No. 3. Plans on file with clerk. Cert. check of 5% required.

EUREKA, Humboldt Co., Cal.—Until June 12, 1928, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, for widening the Jacoby Creek bridge on the county road near Bayside in Road District No. 5. Plans on file at Clerk's office. Cert. check of 5% required.

GLEN COUNTY, Cal.—C. W. Wood, 946 S. Grant St., Stockton, at \$36,691 awarded contract by State Highway Commission for grading through Orland.

SAN LUIS OBISPO, Cal.—Chas. Steffen, Spreckels Bldg., San Diego, awarded contract by State Highway Commission to construct reinf. conc. girder bridge

over San Luis Obispo Creek, 2½ mi. south of San Luis Obispo, consisting of seven 38 ft. spans on conc. pile bents, also retaining walls, slope paving and grade surface approaches with waterbound macadam. Cont. price \$29,427.

VENTURA, Ventura Co., Cal.—County Surveyor Chas. Petit has reported to the Board of Suprs. that plans will be ready shortly for the reconstruction of the Bardsdale bridge. Cost will be between \$80,000 and \$120,000, exclusive of about \$60,000 to be paid by Los Angeles. Details of the type of deck and the number of steel and concrete trestles have not been determined.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to widen Jacoby Creek bridge on county road near Bayside in Rd. Dist. 5. Cert. check 5% req. with bid. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Chandler preparing plans for bridge on Sanborn Rd. in Sup. Dist. No. 5; also for two culverts, one at Brokaw Rd. and another on Alamitos Creek, Rd. Dist. No. 4.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to const. reinf. conc. bridge over North Fork of Mad River at Korbel, Rd. Dist. No. 3. Cert. check 5% req. with bid. Plans obtainable from County Surveyor on deposit of \$5, returnable.

PETALUMA, Sonoma Co., Cal.—City Eng. Gonzales estimates cost of reinf. conc. bulkhead across creek on extension of Keokuk St., involving conc. culvert \$1190 or corrugated iron culvert, \$1137.

DREDGING, HARBOR WORKS AND EXCAVATIONS

HONOLULU, T. H.—Kahului Railroad Co., Honolulu, T. H., at \$3 per ton sub. low bid to U. S. Engineer Office to const. breakwater at Kahului Harbor, involv. 310,000 tons of stone in place.

SEATTLE, Wash.—Puget Sound Bridge & Dredging Co., Seattle, at 12.5¢ cu. yd. sub. low bid to U. S. Engineer office to dredge, deepen and widen Duwamish waterway, involv. 1,014,300 cu. yds. dredging with 91,700 cu. yds. overdepth, the latter to be paid for at half price.

The **HARD BOILED HAT** is made of fiber, to resist objects falling on the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

SAN RAFAEL, Marin Co., Cal.—Wm. Nock, San Rafael, at 5¢ cu. yd. sub. only bid to Board of Education, for approx. 80,000 cu. yds. of mud fill on high school grounds. Taken under advisement until June 12.

SAN FRANCISCO—Until May 28, 11 A. M., under Order No. 9756, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. 4000 tons rip-rap stone, loose on care or in skips, f. o. b. cars at bidders' destination; or f. o. b. cars Sacramento or f. o. b. barge at point to be designated by Contracting Officer, bet. Sacramento and Freepoint. Further information obtainable from above.

BENICIA, Solano Co., Cal.—Until June 5, 8 P. M., news bids will be rec. by John J. O'Grady, city clerk, to place hydraulic earth fills in various streets, involv. 275,000 yds. J. A. Steiger, engineer, Courthouse, Fairfield. Cert. check \$1,000 or bond req. with bid. Plans obtainable from engineer on deposit of \$5, returnable. Bids previously received on this work were rejected. The bids were: San Francisco Bridge Co., 16.4¢ yd.; Long View Dredging Co., 19¢.

BENICIA, Solano Co., Cal.—Dutton Dredge Co., Mills Bldg., San Francisco, awarded cont. by Benicia Reclamation District to place hyd. earth fills, etc., within lands of district, involv. 525,000 cu. yds. San Francisco Bridge Co., under an official call for bids on this work, bid 17.4¢ yd. on this work. The bids were rejected. The Dutton contract price has not been made public.

SAN DIEGO, Cal.—Until 11 A. M., May 29, bids will be received by City Purchasing Agent A. V. Goeddel for the construction of a wooden bulkhead on the Municipal Tidelands, near the foot of Laurel St., and the furnishing of all materials and equipment therefor (except wire rope and clamps). Plans may be obtained from the purchasing agent's office upon deposit of \$15 of which \$10 will be returned.

SACRAMENTO RIVER, Calif. — See "Government Work" this issue.

SACRAMENTO, Cal. — Geo. Pollock, Forum Bldg., Sacramento, at \$.39 cu. yd. (eng. est. \$.50) awarded cont. by county for dredger fill for highway approach to new bridge over Sacramento river below Freepoint.

IRRIGATION PROJECTS

BRENTWOOD, Contra Costa Co., Cal.—Until June 12, bids will be rec. by Margaret Wallace, secty., East Contra Costa Irrigation District, to fur. and lay stand. machine made conc. irrigation pipe, in the following quantities: 15,000 ft. 16-in., 3,000 ft. 20-in., 2,600 ft. 14-in. pipe. Same to be placed in trenches and ditches to be constructed by district. Spec. obtainable from secty. at Brentwood.

GRASS VALLEY, Nevada Co., Cal.—Nevada Irrigation District votes bonds of \$2,592,000 to finance: Deer Creek storage reservoir (Scotts Flat); general extension of distribution system wherever justified by water demand in Nevada County; purchase of Pacific Gas & Electric Gold Hill and Ophir system in Placer County; connecting link bet. said systems and district's water supply in Bear River; general extension of distribution system wherever justified by water demand in Placer County; additional safeguards and 10% capacity increase in Bowman-Snauding conduit to meet conditions of winter operation. Fred H. Tibbetts, consulting engineer, Alaska Commercial Bldg., San Francisco.

LIGHTING SYSTEMS

SANTA BARBARA, Cal.—John R. Davies, 2131 Santee St., Los Angeles, awarded cont. by city to install electrolier system in Cabrillo Blvd., involv. 103 standards.

BURBANK, Cal.—Petitions being circulated seeking ornam. street lighting system in San Fernando Blvd., bet. Verdugo and Magnolia Aves.

TULARE, Tulare Co., Cal.—City Improvement Co. at \$5400 sub. low bid to city, (132) to install ornamental electrolier system in portions of Inyo, L, King and K Sts., involv. 28 standards together with underground system. Standards of Union Metal Mfg. Co. design 1831. Other bids: Robinson Elec. Co., \$6000; R. E. Rounsaville, \$6130; Walker, Martin & Montgomery, \$6400. Taken under advisement.

PITTSBURG, Contra Costa Co., Cal.—Newbery-Pearce Electric Co., 439 Stevenson St., San Francisco, at \$4,665 awarded cont. by city to install electrolier system in Cumberland St. bet. 3rd and 10th Sts., involv. 25 standards. Globe Electric Works, \$4,915; Tricia Hardware Co., \$6,490, were other bidders.

BERKELEY, Alameda Co., Cal.—The following bids were received by Emma M. Hann, city clerk, (621) to install 103 Union Metal electroliers together with underground system in Ashby Ave., bet. Grove St. and San Pablo Ave.:
 R. Flatland, 1899 Mission St., San Francisco \$25,658
 H. C. Reed Co., San Francisco 25,900
 Walker, Martin & Montgomery, Oakland 26,019
 City Improvement Co., S. F. 26,164
 Newbery-Pearce Elec. Co., S. F. 26,570
 Alta Electric Co., S. F. 26,797
 Western States Constr. Co., S. F. 28,532
 Butte Elec. & Mfg. Co., S. F. 29,525
 Bids taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Roy M. Butcher, 68 S-Willard St., San Jose, at \$15,398.60 awarded cont. by city (4117) to install 36 c. i. duplex (San Jose design) electroliers, together with underground system in First St., bet. San Fernando and San Salvador Sts. Other bids: City Imp. Co., \$15,550; Alta Elec. Co., \$15,643; R. Flatland, \$15,731; Western States Constr. Co., \$17,393; H. C. Reid & Co., \$18,916.

MACHINERY AND EQUIPMENT

MANTECA, San Joaquin Co., Cal.—Until May 28, 8 P. M., bids will be rec. by Guss G. Schmiedt, Secty., Manteca Union High School District, to fur. and del. school bus with all auxiliary equipment, capacity from 40 to 50 passengers. Bids will also be considered on same date for sale of school bus No. 3 complete, 35 passenger capacity. Cert. check 10% req. with bid. Further information obtainable from Secty.

REEDLEY, Fresno Co., Cal.—Until June 12, 8 P. M., bids will be rec. by J. J. Eymann, secty., Reedley Joint Union High School District, to fur. and del. school bus. Bids will be considered sep-

arately on chassis and body or on body and chassis combined. Capacity of from 42 to 45-passengers. Bidders to submit specifications. Cert. check 5% req. with bid. Further information obtainable from secretary.

KINGSBURG, Fresno Co., Cal.—Until June 5, 8 P. M., bids will be rec. by Kingsburg Joint Union School Dist. to fur. and del. 1½-ton bus chassis to mount 40 to 50-passenger body; also to fur. and place 40 to 50-passenger body on said chassis. Total cost not to exceed \$2,500. Further information obtainable from clerk of district.

OAKLAND, Alameda Co., Cal.—The Fageol Motor Co., Howard and Eighth Sts., San Francisco, at \$2,303.50 was awarded the contract by City Port Commission to furnish one and one-half ton capacity motor truck.

ALMADEN, Santa Clara Co., Cal.—Until June 6, (time not set) bids will be rec. by Thos. J. Armstrong, clerk, Almaden Union Grammar School District, to fur. 1 Model AA Ford truck, equipped with Fabco extension frame; mounted with 174DD Patchetts and Carstensen School Coach or equal. Further information obtainable from clerk.

FRESNO, Fresno Co., Cal.—Until June 6, 4 P. M., bids will be rec. by Mrs. Zada B. Ericson, clerk, Fresno Colony School District, to fur. and del. school bus; capacity 40 elementary school children. Further information obtainable from clerk, Route F. Box 540, Fresno

FIRE EQUIPMENT

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until June 4, 7:30 P. M. bids will be received by Daniel Sweeney, city clerk, to fur. 2,500-ft. double jacketed cotton, rubber lined, lapped tube fire hose of which 2,000 ft. shall be 2½-in. and 500 ft. 1½-in. Cert. check 10% payable to city req. with bid. Further information obtainable from clerk.

PORTLAND, Ore.—Until May 31, 1928, 2 P. M., bids will be rec. by Frank Coffinberry, Purchasing Agent, City of Portland, for furnishing four four-circuit main line relay boards for Bureau of Fire as per spec. on file in Bureau of Purchases, Rm. 208, City Hall. Cert. check 10% req. See call for bids under official proposal section, this issue.

OXNARD, Ventura Co., Cal.—City will call election to vote bonds of \$7500 to finance purchase of fire engine

MOUNTAIN VIEW, Santa Clara Co., Cal.—Election will be held June 19 to vote bonds of \$10,000 to finance purchase of motor fire engine.

RESERVOIRS AND DAMS

SIGNAL HILL, Cal.—Bids will be asked shortly by city to const. 2,400,000-gal. reservoir, 178 by 268 ft. by 12 ft. deep.

BAKER, Ore.—Bids will be rec. until June 1, 1928, 5 P. M., by T. J. Higgins, President Camp Creek Water Co., Citi-

zens National Bank Bldg., Baker, O. to const. Camp Creek irrigation dam. Plans and specifications obtainable from T. J. Higgins on deposit of \$10. Call for bids under official proposal section, this issue.

PIPE LINES, WELLS, ETC.

BEVERLY HILLS, Los Angeles Co., Cal.—Until 8 P. M., June 5, bids will be received by city trustees for construction of a water pipe line involving 1220 ft. 12-in. and 1840 ft. 8-in. standard screw pipe in accordance with plans and specifications which may be obtained at the office of the engineer, Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles. B. J. Firminger, city clerk.

BEVERLY HILLS, Los Angeles Co., Cal.—Until 8 P. M., June 5, bids will be received by city trustees for furnishing the city with 3950 ft. 18-in. Hume concrete pipe, in accordance with specifications which may be obtained from the engineer, Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles. B. J. Firminger, city clerk.

SEWAGE DISPOSAL PLANTS

SAN LUIS OBISPO, Cal.—Oakland Sewer Construction Co., 354 Hobart St., Oakland, sub. low bid to city to construct city outfall and sewer system. This firm was low on both Imhoff type system and sludge digestion tank system. The bids were referred to the engineers, Burchbeck, San Luis Obispo, for report. The unit prices on the various items, included in the alternate propositions, are: Outfall Sewer (to be built with disposal system to be selected): \$3.08 ft. for 2600 ft. 24-in. line and \$2.55 ft. for 4057 ft. 21-in. Imhoff tanks, \$12,294; Dorr clarifier, \$94; Dorr digester, \$12,663; sludge digestion tanks, \$5855; Hardinge clarifier, \$75; sludge digester tank, \$6147.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Bids received by city purchasing agent May 18 for leaseable under Specifications No. 1575 were:

John A. Roebbing-Sons Co., (1) 10,950 ft. 20-pr. at 23c ft., (2) 6600 ft. 10-pr. at 15.3c ft., (3) 750 ft. 95-per. at 77.5c ft. ½ discount.

Standard Underground Cable Co., (1) \$246.60 per M ft., (2) \$154.80 per M ft. (2) \$840.20 per M ft.; ½ discount.

LOS ANGELES, Cal.—Pacific State Electric Co., 385 2nd St., Los Angeles, was awarded contract by water and power commission May 18, for galvanizing pole line hardware, under Spec. P-539, involving (1) 3000 angle cross-arm braces at \$107.4 per 100, and (2) 20,000 strain insulator clevises at \$17.45 per 100.

LOS ANGELES, Cal.—Until 3 P. M. June 5, bids will be received by water and power commission for cedar pole under Specifications P-543. James F. Vroman, secretary.

LOS ANGELES, Cal.—Until 3 P. M. May 29, bids will be received by water and power commission for 10 steel poles of the taper tube variety, under Specification P. A. Adv. No. P-547. James F. Vroman, secretary.

OAKLAND, Cal.—Until June 1, 1928, 5 P. M., bids will be received by Arthur P. Davis, Gen. Mgr. East Bay Municipal Utility Dist., 1924 Broadway, Oakland, for furn. 2600 split redwood posts size 4x6 by 7 feet long, chamfered top, and 100 split redwood posts 6x6 by 9 feet long chamfered top. Proposal blanks obtainable at office of Dist.

WATER WORKS

COALINGA, Fresno Co., Cal.—Until June 4, 7:30 P. M., bids will be rec. by E. J. McCroskey, city clerk, to fur. 2100 ft. pipe for conveying water from new auxiliary equipment to city storage reservoir. To be new or second hand ap-

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
 Industrial Light and Power Installation
 Telephone SUTTER 3266

8 or 8½-in. o. d. Weight approx. 2 to 28 lbs. per ft. Lap weld or screw. See call for bids under official proposal section in this issue.

AKLAND, Cal.—Lock-Joint Pipe Co., Alameda, N. J., at \$587,529 awarded contract to East Bay Municipal Utility District const. Sequoia Aqueduct and at \$339,000 to const. Wildcat Aqueduct. Award based on use of steel cylinder reinforced concrete pipe. (Lock-Joint Pipe Co., is represented on the Pacific Coast by A. M. Hirsch, Hotel Oakland, Oakland, Cal.)

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by John Griffith, city engineer, for superintending of public works, to and del. 10,000 ft. 2-in. and 2000 ft. 12-in. black pipe. Further information obtainable from above.

VALLEJO, Solano Co., Cal.—City will purchase booster pump to be installed at 100 ft. of Alabama St., to improve water pressure at Mare Island Navy Yard. T. D. Kilkenny, city eng. Alf. E. Edgcombe, city clerk.

ANTIOCH, Contra Costa Co., Cal.—San Delta Electric Works at \$880 awarded contract by city to fur. pump for municipal water plant; 660 gal. per min. capacity.

EUREKA, Humboldt Co., Cal.—Until June 5, 5 P. M., bids will be rec. by John Griffith, city supt. of public works, for fur. f. o. b. dock, Eureka, 60 days after award of contract, 10,000 lin. ft. 2-in. and 2000 lin. ft. 3-in. standard black pipe, random lengths. Further information obtainable from above. See call for bids under official proposal section in this issue.

SUISUN, Solano Co., Cal.—City plans to increase water supply with new pipe from the wells to distributing reservoir; 8-in. pipe, approx. 3 mi. in length; est. cost \$20,000.

SAN RAFAEL, Marin Co., Cal.—Marin Municipal Water District will shortly commence const. of 200,000 gal. tank about ½ mi. back of Hawthorne Hills. A 2,000,000-gal. storage tank is to be constructed next year near one to be destroyed this summer at a height of 4 feet.

AKLAND, Cal.—Until June 18, 10:30 A. M., bids will be rec. by George E. Oss, county clerk, to fur. and install pumping equipment in Oakland and Alameda Portal buildings and in Segment "A" of Estuary Subway. Cert. check 10% payable to county clerk req. with bid. Plans obtainable from County Surveyor Geo. A. Posey on deposit of \$25. Returnable. See call for bids under official proposal section in this issue.

OXNARD, Ventura Co., Cal.—City will hold election to vote bonds of \$20,000 to finance extensions to municipal water system.

REDWOOD CITY, San Mateo Co., Cal.—City Fire Chief M. J. Ryan recommends installation of 4-in. and 6-in. water mains and hydrants in the Highlands and South Redwood districts.

LAYGROUNDS AND PARKS

INGLEWOOD, Cal.—Election will be held June 5 to vote bonds of \$130,000 to finance park improvements.

SAN LEANDRO, Alameda Co., Cal.—City plans construction of a large swimming pool in bed of San Leandro Creek here a civic park is also planned.

SEWERS AND STREET WORK

DEL NORTE COUNTY, Calif.—The older Construction Co., 2608 R St., Sacramento, at \$158,461.50 awarded contract by State Highway Comm. to surface with crushed stone or gravel and oil 3 mi. bet. Smith River and the Oregon ne.

BERKELEY, Alameda Co., Cal.—City will call bond election in August to vote \$100,000 to finance const. of storm sewers. An additional \$150,000, to be added to

the sewer bonds, would be derived from an assessment made on property owners in North Berkeley, Crognont and Thousand Oaks district.

SAN FRANCISCO.—Board of Public Works requests supervisors to authorize call for bids to const. Bay Shore Blvd., Section D; estimated cost \$190,000. The unit will run from Third street to San Bruno Ave.

GLENN COUNTY, Cal.—C. W. Wood, Builders' Bldg., Stockton, at \$36,691 (eng. est. \$34,824) awarded contract by State Highway Comm. to grade and pave with Port. cem. conc. 1.1 mi. through Orland.

SACRAMENTO, Cal.—City declares inten. (2244) to imp. 55th St., bet. J St. and 12 ft. north of Folsom Blvd. involv. conc. curb and gutter; c. i. drains; vit. sewers; reconst. manholes; 1-in. water main connections; grade; asph. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests June 7. H. G. Denton, city eng. Samuel J. Hart, city engineer.

RICHMOND, Contra Costa Co., Cal.—Until June 4, bids will be rec. by A. C. Faris, city clerk, (454) to imp. Key Blvd., bet. Nevin and Macdonald Aves.; Prather Ave., bet. San Pablo Ave. and Carlston St., and Carlston St. bet. Nevin and Prather Aves., and portions of Nevin and Macdonald Aves., involv. grade; 4-in. broken rock cushion with 6-in. cem. conc. pave and asph. and broken rock surface; cem. conc. curb, gutters, walks, catchbasins, etc., corr. iron culverts; vit. sewers. (Some portions to be paved with 6-in. and 8-in. Richmond Standard macadam.) 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans obtainable from E. A. Hoffman, city engineer.

OAKLAND, Cal.—Heafy-Moore Co., 344 High St., Oakland, awarded contract by city to imp. portions of Camden Ave., involv. grade, \$3,054; conc. curb, \$75; conc. gutter, \$30; 1½-in. Warrenite-Bit surface, 5-in. conc. base pavement, \$249 cem. walks, \$17; 8x24-in. corr. iron and conc. culvert, \$5; handhole, \$20.

SACRAMENTO, Cal.—C. R. Fiedler, 2631 30th St., Sacramento, awarded contract by city (2239) to const. cem. conc. walks in G St., bet. 42nd and 45th Sts.

SACRAMENTO, Cal.—McGillivray Constr. Co., Folsom Blvd., Sacramento, awarded contract by city (2240) to imp. 3rd St., bet. X and Y Sts., involv. conc. curb, gutter; asph. conc. pave. with seal coat.

SACRAMENTO, Cal.—McGillivray Construction Co., Folsom Blvd., Sacramento, awarded contract by city (2241) to imp. 39th St., bet. Y St. and First Ave., involv. conc. curb, gutter; c. i. drains; vit. sewers; conc. manhole; grade; asph. conc. pave. with seal coat.

PLUMAS-LASSEN COUNTIES, Cal.—E. B. Bishop, Sacramento, at \$28,825 awarded contract by State Highway Comm. to surface with crushed gravel or stone, 12.4 mi. at intervals bet. Chester and Devils Corral.

MONO COUNTY, Cal.—Following bids received by State Highway Comm. to grade 2.1 mi. bet. Dogtown and Point Ranch:
Harry Wilson, Long Pine (insufficient check) \$18,537.70
Coleedge & Scott, Milan, Nevada 20,611.30
G. E. Fennell, Sacramento 24,795.20
Engineer's estimate, \$18,243.20.

MARIN COUNTY, Cal.—Following is a list of the bids received May 23 by State Highway Comm. to grade and pave with Portland cement concrete 4.9 mi., bet. Ignacio and Gallinas Creek: Hanrahan Co., Standard Oil Bldg.

San Francisco \$215,662
C. W. Wood, Stockton 237,054
J. D. Galbraith, Petaluma 242,062
Kaiser Paving Co., Oakland 279,718
Engineer's estimate, \$241,405.

LONG BEACH, Cal.—Application has been made by the City of Long Beach for War Department permission to dredge, bulkhead and fill, and to construct wharves in outer Long Beach Harbor easterly of the entrance channel.

Maps showing location of the proposed work will be on exhibition in the office of the U. S. Engineer, 725 Central Bldg., Los Angeles, until 11 A. M., Monday, May 28. C. P. Gross, Major, Corps of Engineers, District Engineer.

LOS ANGELES, Cal.—Ordinances of intention adopted by city for street work as follows:

105th St. and 106th St., between Central Ave. and Avalon Blvd., involving grading, asph. conc. pavement, conc. pavement, gutter, curb, walk, vit. sewers, house connections, C. I. water mains, fire hydrants, water service connections, ornam. light conduit, etc. 1911 Act. Protests, June 14.

115th St., between Figueroa and Hoover Sts., involving conc. paving, curb, walk, cement pipe sewer, ornamental light conduit, water service, etc. 1911 Act. Protests June 14.

Bucaw Ave., between Cronus St. and Martin St., involving grading, walk, etc. 1911 Act. Protests, June 14.

Nevin Ave., between Adams and 32nd Sts., involv. conc. paving, asph. conc. base, cement curb, walk, vit. house sewers, water service connections, fire hydrants, etc. 1911 Act. Protests, June 15.

Warner Dr., between Fairfax Ave. and Eulalia Blvd., involving Warrenite paving, curb, gutter, vit. house sewers, water services, fire hydrants, etc. 1911 Act. Protests, June 14.

Beloit Ave., between Missouri Ave. and La Grange Ave., involving curb, walk, combination gutter, asph. pavement, vit. house sewers. 1911 Act. Protests, June 15.

VETURA, Cal.—Chas. Petit, county surveyor of Ventura, has announced that construction on the Maricopa-Ventura-Carpenteria highway by the Tri-County Highway District will start immediately after July 1 when the district's fund becomes available. Plans are being completed in his office. Blueprints will be available in about three weeks.

LOS ANGELES, Cal.—G. W. Ellis, 1005 Kenneth Rd., Glendale, was awarded contract by Board of Public Works, at \$15,662.32 for improving Deering Ave., Saticoy St. to Sherman Way. 1911 Act. Center line length 2614 feet.

LOS ANGELES, Cal.—A. M. Peck, 2966 Allessandro St., awarded contract by Board of Public Works at \$32,544.88 for improving Penrose Ave. and Bradley St. Improvement Dist.: 13,207 cu. yds. cut; 114,966 sq. ft. 8-in. conc. paving; 88,205 sq. ft. O. G. rdwy. with oiled surf.; 509 sq. ft. oiled roadway; 100 ft. plas. heavy curb; water system complete. Removals: 1740 ft. fence, 63 trees, 1 stump, 154 ft. hedge, 28 tobacco plants. Engineer's estimate, \$39,237.91.

LOS ANGELES, Cal.—A. M. Peck, 2966 Allessandro St., Los Angeles, awarded contract by Board of Public Works at \$26,641.15 for improving Lindley Ave., between Calvert St. and Ventura Blvd., involving: grading; 119,547 sq. ft. conc. paving; 94,519 sq. ft. oiled roadway; corr. iron pipe culverts; water system. Engineer's estimate, \$30,539.22.

VENTURA, Cal.—County Supervisors have agreed to allot \$20,000 toward the paving of E. Main St., Paving will be of either concrete or asphaltic concrete, although the board refused to permit the use of a patented pavement if county aid was desired.

MARTINEZ, Contra Costa Co., Cal.—Proceedings have been started by county supervisors to pave Arlington Ave. in the western section of the county, from Berkeley Highlands Terrace to El Cerrito city limits; est. cost \$60,000. Ross L. Calfee, engineer, 221 S-22nd St., Richmond.

VALLEJO, Solano Co., Cal.—City declares inten. (142) to imp. Hudson Alley from Amador St. to Contra Costa St., involv. excavating, filling; 3"x12" redwood plank curbs, 16 ft. Portland cem. conc. pave. 5 inches thick, etc. 1911 Act. Bond Act 1915. Protests June 4, 1928, 10 A. M. Alf. E. Edgcombe, city clerk. T. D. Kilkenny, city engineer.

ST. HELENA, Napa Co., Cal.—Until June 5, 1928, 8 P. M., bids will be rec. by E. R. Palmer, town clerk, to imp. certain streets with 5-in. conc. pave., curbs, sewer and water main extensions. 1911 Act. Bond Act 1915.

WILLOWS, Glenn Co., Cal.—T. H. Polk, Chico, at \$3395 awarded cont. by county to resurface approx. ½ mi. of Princeton-Four Corners Rd. in Rd. Dist. No. 5.

SAN FRANCISCO.—Until June 6, 3 P. M., bids will be rec. by Board of Public Works to const. Sec. A Contract 6, Bay Shore Blvd. from Potrero Ave. to Silver Ave.; estimated cost \$195,090. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

EUREKA, Humboldt Co., Cal.—Until June 12, bids will be rec. by Fred M. Kay, county clerk, to const. Showers Pass Rd. Plans on file in office of clerk.

SAN FRANCISCO.—F. J. McHugh, 474 17th Ave. at \$24,268 awarded cont. by Bd. Pub. Wks. to const. 2x3-ft. reinf. conc. sewer in Wawona St. bet. 25th and 34th Aves.

PALO ALTO, Santa Clara Co., Cal.—Stanley Construction Co., 409 Webster St., Palo Alto, at \$17,728 sub. low bid to imp. University Ave. bet. Middlefield Rd. and Hale St., involv. grade; 6-in. hyd. conc. pave.; cem. conc. curbs; cem. conc. sidewalk corners; 4-in. vit. sewers; ¾-in. galv. water service connections. Other bids, all taken under advisement until May 21: Western Paving Co., San Francisco, \$18,219; City Department of Public Works, \$19,463; Peninsula Paving Co., San Francisco, \$19,968; W. J. Taylor, San Francisco, \$22,293.

SOLANO COUNTY, Cal.—Until June 12, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with oil treated crushed gravel or stone, 3.1-mi. bet. Cordelia and Rockville. See call for bids under official proposal section in this issue.

EL DORADO COUNTY, Cal.—G. C. Conatoes, 46 Collins St., San Francisco, at \$35,663 awarded cont. by State Highway Comm. to grade 3.2-mi. bet. Eagle Falls and Meeks Bay. Eng. est. \$59,553.

AMADOR COUNTY, Cal.—B. E. Fennell, Sacramento, at \$6593 awarded cont. by State Highway Comm. to grade 1.35-mi. in Amador county, east of Jackson.

SHASTA COUNTY, Cal.—A. Milne, 77 Mason St., Portland, Ore., at \$33,750 awarded cont. by State Highway Comm. to surface with crushed gravel or stone 17 miles bet. Montgomery Creek and 2 miles west of Burney. Eng. est. \$47,355.

SANTA ROSA, Sonoma Co., Cal.—Road Imp. Dist. will be formed to finance reconst. and paving of highway from Sebastopol city limits to end of conc. road west of town. E. A. Peugh is county surveyor.

INYO COUNTY, Cal.—As previously reported, bids will be rec. May 31 by State Highway Comm. to grade and surface with crushed gravel or stone, oil treated, 6.8-mi. bet. Tinnemaha Dam and Big Pine. Project involves: 6,700 cu. yds. crushed gravel or stone surfacing (base course); 7,400 cu. yds. oil treated crushed gravel or stone surf., road mixed (surf. course); 2,650 bbls. fuel oil; 780 M gal. water applied to subgrade and crushed gravel or stone surf. (base course).

OAKLAND, Cal.—Until May 28, 10 A. M., bids will be rec. by Geo. E. Gross, county clerk, to imp. Tennyson road, involv. 255,000 sq. ft. oil surfacing. Cert. check 10% payable to clerk req. with bid. Spec. obtainable from County Surveyor Geo. A. Posey.

OAKLAND, Cal.—Until May 28, 10 A. M., bids will be rec. by Geo. E. Gross, county clerk, to imp. Alvarado-Niles road, involv. 495,000 sq. ft. oil surfacing. Cert. check 10% payable to clerk req. with bid. Spec. obtainable from Geo. A. Posey, county surveyor.

WILLOWS, Glenn Co., Cal.—Petitions being circulated seeking paving of Lassen street. Early action is expected of city council.

ELKO, Nevada.—City will shortly ask bids to imp. various streets, involv. 22,200 cu. yds. class A conc. 6-in. pavement; 3500 cu. yds. excavation, unclassified; remove 300 lin. ft. curb and gutter; const. 4000 lin. ft. curb and gutter. W. H. Settemeyer, city eng.

OAKLAND, Cal.—Until May 31, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. cem. sidewalks in portions of East 32nd St. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of Clerk. Geo. N. Randle, city engineer.

INYO COUNTY, Cal.—As previously reported, bids will be rec. May 31 by State Highway Comm. to grade and surface with crushed gravel or stone, oil treated, 8.5-mi. bet. Diaz Lake and Alabama Gate. Project involves: 22,800 cu. yds. rdwy. excav. without classification; 5,200 cu. yds. excav. without classification (imp. borrow); 180 sta. grader work; 4,100 cu. yds. sel. subgrade material; 2,000 M gals. water applied to subgrade and crushed gravel or stone surf.; 40,100 sta. yards overhaul; 250 cu. yds. struct. excav. without classification; 8,750 cu. yds. crushed gravel or stone surf. (base course); 9,600 cu. yds. oil treated crushed gravel or stone surf. road mixed (surf. course); 3,450 bbls. fuel oil; 70 cu. yds. A cem. conc. (struct.); 7,650 lbs. bar reinf. steel and angle iron in place (struct.) 42 lin. ft. 12-in. corr. metal pipe; 66 1/2 lin. ft. 18-in. corr. metal pipe, part circle; 1,112 lin. ft. 18-in., 92 lin. ft. 24-in. and 60 lin. ft. 30-in. corr. metal pipe; 3.74 mi. new property fence; 4.52 mi. moving and reset property fences; 64 monuments. State will fur. corr. metal pipe and cast iron covers for drop inlets.

YOLO COUNTY, Cal.—As previously reported, bids will be rec. May 31 by State Highway Comm. to grade and oil treat rock borders constructed on 1.5-mi. bet. Yolo Causeway and 1½-mi. east. Project involves: 21,900 cu. yds. excav. without classification (imp. borrow); 850 tons rock borders, oil treated; 5 cu. yds. A port. cem. conc. (struct.); 200 lbs. bar reinf. steel in place (struct.).

ALAMEDA, Alameda Co., Cal.—Proceedings will be started at once by city to imp. Versailles Ave. from Calhoun St. to Bay Island Ave.; Mound St. from Calhoun to Clay St.; Calhoun St. from Mound to Court St.; Court St. from Fillmore to Calhoun Sts.; Washington St. from High to Peach St.; Adams St. from Peach to Post Sts.; Bay Island Ave. from Pearl to Mound Sts.; Mound St. from Clay St. to Bay Island Ave. Burnett Hamilton, city engineer.

LIVINGSTON, Merced Co., Cal.—Manuel Smith, 3321 Randolph St., Oakland, at \$43,209 sub. low bid to city to const. vit. sewers, involv. 8-in. to 18-in. dia. pipe; wye branches; manholes, etc. Other bids: Robt. McNair, Oakland, \$49,564; T. F. Geary, Oakland, \$56,584; Geo. C. DeGolyer, Oakland, \$56,687.

City Construction Co., 6437 Colby St., Oakland, at \$11,400 low to const. reinf. conc. preliminary settling tank, including inlet, sludge drying bed, etc. Other bids: R. B. McNair, Oakland, \$11,800; Manual Smith, Oakland, \$12,210; T. F. Geary, \$15,350.

Bids taken under advisement until May 21.

REDWOOD CITY, San Mateo Co., Cal.—City declares inten. (K-4) to imp. portions of Hazel Ave., Hemlock Ave., Linden St., etc., involv. grade; 2½-in. asphalt conc. base, 1½-in. Warrenite-Bit surface pavement on a 3-in. base of broken stone; comb. conc. curb gutter; cem. conc. walks; vit. sewers, etc. 1911 Act. Bond Act 1915. Protests June 4. W. A. Price, city clerk. C. L. Dimmitt, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (417-C) to imp. Woodrow Ave., bet. Pelton Ave. and Cliff Drive and Cliff Dr., bet. Woodrow Ave. and Columbia St., involv. vit. clay pipe main san. sewer with wyes; br. manholes. 1911 Act. Bond Act 1915. Protests June 4. S. A. Evans, city clerk. Roy Fowler, city engineer.

OAKLAND, Cal.—City declares inten. to imp. St. Croix St. from Lincoln Ave. southeasterly and certain sewer rights of way adjacent to St. Croix St., involv. grade; curbs; pave.; walks; storm sewer.

1911 Act. Protests June 7. Frank Merritt, city clerk. Geo. N. Randle, city engineer.

BENICIA, Solano Co., Cal.—Until June 5, 8 P. M., new bids will be rec. by Jo J. O'Grady, city clerk, to const. storm drains and placing hyd. earth fills various Sts. F. A. Steiger, engine contractor, Fairfield. Plans obtainable from eng. on deposit of \$5, returnable. Cert. check \$500 or bond req. with bids previously received for this work rejected. Bids were: San Francisco Bridge Co., \$45,100; Longview Dredge Co., \$52,250.

PLACER COUNTY, Cal.—Until June 10, A. M., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bur. Pub. Road, 461 Market St., San Francisco, to const. combined bridge and overpass bet. Sta. 249 plus 90 and Sta. 253 plus 00, on Tahoe-City-Truckee section of Route 30, Truckee-National Forest Highway, involv.: 1,320 cu. yds. excavation, unclassified; 3 cu. yds. excavation, structure; 2,100 sta. yds. overhaul; 730 cu. yds. A conc. (surf. structure); 260 cu. yds. D conc. (superstructure); 5,000 lbs. reinf. steel; 336 lin. ft. bridge handrail; expansion rocker. Plans obtainable from above office.

MARTINEZ, Contra Costa Co., Cal.—City will start proceedings at once to imp. portions of Arlington Way, Main St., Talbert St., etc.

SHASTA COUNTY, Cal.—As previously reported, bids will be rec. June 6, 1 P. M., by State Highway Comm. to grade and surface with crushed gravel or stone, 5 mi. bet. Shotgun Creek and Conan. Project involves: Clear and grubbing right-of-way; 214,000 cu. yds. rdwy. excav. without classification; 426,000 cu. yds. overhaul; 7530 cu. yds. struct. excavation without classification; 15,900 cu. yds. stand. surf., crushed gravel or stone; 835 cu. yds. "A" cem. conc. (struct.); \$4,720 lbs. bar reinf. steel in place (struct.); 140 lin. ft. corr. metal pipe, clean and relay; 2450 lin. ft. 18-in. and 1140 lin. ft. 24" corr. metal pipe; 1 M. gal. water applied to crushed gravel or stone surf.; 555 cu. yds. rubble masonry (retaining walls); 495 lin. ft. arched masonry parapet; 168 monuments. State will fur. corr. metal pipe.

PLACER-NEVADA COUNTIES, Cal.—As previously reported, bids will be rec. by State Highway Comm., June 6, 1 P. M., to grade and surface with oil treated crushed gravel or stone; 7.4 mi. bet. Bend and Soda Springs. Project involves: Clear and grubbing right-of-way; 91,200 cu. yds. rdwy. excav. without classification; 26,200 cu. yds. borrow excav. without classification; 192,500 sta. yds. overhaul; 2500 cu. yds. struct. excav. without classification; 37,350 ton oil treated crushed gravel or stone surf. plant mixed; 170 cu. yds. "A" cem. conc. (struct.); 14,500 lbs. bar reinf. steel (struct.); 2240 lin. ft. 18", 634 lin. ft. 24" 190 lin. ft. 30" and 70 lin. ft. 36" corr. metal pipe; 230 cu. yds. light riprap; 130 cu. yds. dry rubble (retaining walls); 46 cu. yds. rubble masonry (headwalls and retaining walls); 420 lin. ft. arched masonry parapet; 125 monuments. State will fur. corr. metal pipe.

AUBURN, Placer Co., Cal.—Proceedings have been started by county to imp. and straighten Mount Pleasant to Newcastle Road, by way of Dutch Ravine.

OAKLAND, Cal.—City declares inten. to const. cem. sidewalks in portions of 73rd Ave., bet. Diawana Ave. and Foot hill Blvd. 1911 Act. Protests June 7. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

ST. HELENA, Napa Co., Cal.—Until June 15, bids will be rec. by City to pave various Sts., involv. expenditure of \$20,000. Plans on file in office of clerk.

LOS ANGELES, Cal.—Frederickson & Watson, 354 Hobart St., Oakland, at \$80,900 awarded cont. by Co. San. Dist. No. 2, to const. additions to sewage treatment plants.

VALLEJO, Solano Co., Cal.—City declares inten. (141) to imp. Alabama St., bet. Napa Rd. and Monterey St., involv. grade; comb. conc. curb and gutter; house lateral sewers; storm water drain and inlets; 3-in. asphalt conc. base, 2-in.

h. conc. surface pavement. 1911 Act, and Act 1915. Protests May 29. Alf. Edgumbe, city clerk. T. D. Kilbony, city engineer.

QUINCY, Plumas Co., Cal.—Until June 4, 10 A. M., bids will be rec. by R. Young, county clerk, to imp. Sts. town of Portola, involv. 67,500 sq. ft. grading; 2820 lin. ft. cem. conc. curb; 2500 sq. ft. 5-in. cem. conc. pave. t. check 10% req. with bid. Plans obtainable from Edward von Geldern, engineer, at Yuba City and on file in office clerk.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4150) to imp. 11th St. bet. Keyes and Bestor Sts., involv. 1 1/2-in. asph. conc. surface, 3-in. asph. conc. base pave.; hyd. conc. curb, gutter; cem. walks; 4-in. vit. lateral sewers. 1911 Act, Bond Act 1915. Protests May 28. John J. Lynch, city clerk. Wm. Popp, city engineer.

SAN FRANCISCO.—Streets Committee Board of Supervisors plans widening of N. Ness Ave. from Market St. to Pacific Ave.; est. cost \$200,000. Will involve reduction of sidewalk widths, reconst. of pavement and const. of curbs, etc.

GLENN COUNTY, Cal.—Until May 30, 12 P. M., bids will be rec. by State Highway Comm. June 13, 1928, 2 P. M., to grade and surface with oil treated crushed gravel or stone, 3.1 mi. bet. Cordelia and Rockville. Project involves: 17,000 cu. yds. rdwy. excav. without classification; 62,300 sta. yds. overhaul; 13,000 cu. yds. imported borrow; 13,000 cu. yds. imported selected material; 240 cu. yds. struct. excav. without classification; 6,125 tons crushed gravel or stone surfacing (base course); 6,300 tons oil treated crushed gravel or stone surf., plant mixed (surface course); 300 cu. yds. class A Portland cem. conc. (struct.); 11 cu. yds. class E Portland cem. conc. (struct.); 24 - 200 lbs. bar reinf. steel (struct.); 520 lin. ft. 18-in. and 8 lin. ft. 24-in. corr. metal pipe; 2 each. moving and resetting conc. headwalls; 34 each. monuments, complete in place. The State will fur. corr. metal pipe as more explicitly set forth in the Special Provisions.

SANTA ROSA, Sonoma Co., Cal.—City declares inten. (4441) to imp. Glenn St. bet. Benton St. and Berry Lane, involv. reconst. waterbound macadam surface for 4-in. base and surface with one-course, asph. conc.; cem. conc. gutter. 1911 Act, Bond Act 1915. Protests June 5. C. B. Reid, city clerk. P. Noyes, city eng.

MARTINEZ, Contra Costa Co., Cal.—City declares inten. (141-C) to imp. portions of Arlington Way bet. Main St. and the Circle in Block 8, Martinez Park Act, involv. grade, pave and curb; sewer with manholes, lampholes, wye branches and laterals. 1911 Act, Bond Act 1915. Protests June 6. R. B. Johnston, city clerk.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4151) to imp. portions of Ryland and Santa Teresa Sts., involv. grade; 1 1/2-in. asph. conc. surface, 3-in. asph. conc. base; conc. gutter; cem. walks; conc. storm water in gutter; 4-in. vit. pipe sewers. 1911 Act, Bond Act 1915. Protests May 28. John J. Lynch, city clerk. Wm. Popp, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Until June 5, 8 P. M., bids will be rec. by C. B. Reid, city clerk, (1425) to imp. Hendley St. bet. Bennett Ave. and Tupac St. and Mill St. bet. Brown and Hendley Sts., and Wheeler St. bet. Hendley and E. St., and Charles St. bet. Brown and Hendley Sts., involv. grade; reconst. macadam base with 3-in. asph. conc. base, laid in one course; hyd. conc. curb, gutters. 1911 Act, Bond Act 1915. t. check 10% payable to city req. with bid. Plans on file in office of clerk. A. Noyes, city eng.

SAN FRANCISCO.—Until June 6, 3 P. M., bids will be rec. by Board of Public Works to const. extension to Guttenberg est. sewer. Bond of \$2,000 req. of successful bidder. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

DOUGLAS COUNTY, Nevada.—Until June 12, 10 A. M., bids will be rec. by H. Sweetser, District Engineer, U. S. Bureau of Public Roads, 461 Market St., San Francisco, to grade bet. Sta. 634+ and Sta. 164+53 Section A, Lake Tahoe Nat'l. Forest Highway Route No. 5, adjacent to Tahoe Nat'l. Forest, 1.93 mi. length, involv. 85,292 cu. yds. excavation, unclassified; 125 cu. yds. excavation unclassified for structures; 6000 cu. yds. overhaul; 91 cu. yds. Class "A" concrete, 20 cu. yds. Class "B" concrete, 10,200 cu. yds. reinf. steel; 730 lin. ft. C. M. pipe, and place; haul and pile logs. Plans obtainable from office of district engineer. Deposit of \$10, returnable.

SACRAMENTO, Cal.—Until May 31, 1928, 4 P. M., bids will be rec. by H. G. Denton, city clerk, (2242) to imp. 52nd St. bet. Folsom Blvd. and Q St., involv. conc. curb and gutter; c. i. drains; vit. sewers, reconst. manholes; 1-in. water main connections; grade; asph. conc. pave. with seal coat. 1911 Act, Bond Act 1915. Samuel Hart, city engineer.

SACRAMENTO, Cal.—Until May 31, 1928, 4 P. M., bids will be rec. by H. G. Denton, city clerk, (223) to imp. alley along north boundary of S. P. right-of-way, an extension to the alley lying along south boundary of Wright and Kimbrough Tract No. 24 Addition, involv. conc. curb and gutter; c. i. drains; vit. sewers; reconst. manhole; grade; asph. conc. pave. with seal coat. 1911 Act, Bond Act 1915. Samuel Hart, city engineer.

NAPA, Napa Co., Cal.—N. M. Ball, of Porterville, at \$86,053.50, awarded cont. by Thos. Maxwell, Secty., Joint Highway District No. 7, to pave with conc. 4.12 miles from Silver St. in town of Calistoga to Sonoma County line at top of Murray Hill. There were seven other bids, the highest being from Smith and Sylvia of Santa Rosa, at \$101,405.01.

28

SOLANO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm. June 13, 1928, 2 P. M., to grade and surface with oil treated crushed gravel or stone, 3.1 mi. bet. Cordelia and Rockville. Project involves:

17,000 cu. yds. rdwy. excav. without classification; 62,300 sta. yds. overhaul; 13,000 cu. yds. imported borrow; 13,000 cu. yds. imported selected material; 240 cu. yds. struct. excav. without classification; 6,125 tons crushed gravel or stone surfacing (base course); 6,300 tons oil treated crushed gravel or stone surf., plant mixed (surface course); 300 cu. yds. class A Portland cem. conc. (struct.); 11 cu. yds. class E Portland cem. conc. (struct.); 24 - 200 lbs. bar reinf. steel (struct.); 520 lin. ft. 18-in. and 8 lin. ft. 24-in. corr. metal pipe; 2 each. moving and resetting conc. headwalls; 34 each. monuments, complete in place. The State will fur. corr. metal pipe as more explicitly set forth in the Special Provisions.

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, at \$3715.92 awarded cont. by city (69) to imp. Natividad St. bet. Market St. and S. P. depot, involv. grade and re-shape present waterbound macadam; const. hyd. conc. curbs, gutters; 2 1/2-in. asph. macadam pave. Other bids: Granite Construction Co., \$3305; Thomas Bros., \$4152.

PALO ALTO, Santa Clara Co., Cal.—Stanley Construction Co., Palo Alto, at \$17,783 awarded cont. by city to imp. University Ave. bet. Middlefield Rd. and Hale St., involv. grade; 6-in. hyd. conc. pave.; cem. conc. curbs; cem. conc. sidewalk corners; 4-in. vit. sewers; 3/4-in. galv. water service connections.

SAN RAFAEL, Marin Co., Cal.—City Eng. H. K. Brainerd preparing spec. to imp. Spring Grove Ave. and Ross Valley Dr., property owners having petitioned for the work. Precedings will be started at once to imp. 5th Ave., bet. I St. and Grand Ave. and H St., bet. 4th and 5th Sts.

OXNARD, Ventura Co., Cal.—City will call election shortly to vote bonds of \$7000 to finance reconst. of city outfall sewer and \$13,000 to finance extensions to sewer system.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$2894.75 awarded cont. by city (413-C) to const. vit. clay pipe main sewer wye branches and brick manholes in National St., bet. Bay St. and Pelton Ave.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz, at \$635 awarded cont. by city to imp. intersection of North Branciforte Ave. and Berkeley Way and intersection of East Cliff Dr. and Book St., involv. 2000 sq. ft. grading to subgrade; 2000 sq. ft. 5-in. conc. pave.; 555 sq. ft. cem. conc. walks; 80 lin. ft. cem. conc. curb; 1 catchbasin; 30 lin. ft. part circle corr. metal culvert. Granite Construction Co., Watsonville, at \$836.90, only other bidder.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4170) to imp. Mor-

risson Ave., bet. The Alameda and San Fernando St., and bet. San Fernando St. and Park Ave., involv. grade; 1 1/2-in. asph. conc. surface, 2 1/2-in. asph. conc. base pavement; hyd. conc. curb; cem. conc. walks; conc. gutters; 4-in. sewer laterals. 1911 Act, Bond Act 1915. Protests June 4. John J. Lynch, city clerk. Wm. Popp, city engineer.

LUMBER TRADE

Seattle reports curtailment of production at the fir mills and a tendency to firmer prices as a result. Long-Bell mills at Longview have gone on a 5-day week basis. St. Paul & Tacoma Lumber Co. has laid off 1000 men in mills and woods. Portland reports a large volume of lumber moving but export slow. Tacoma also reports curtailment of operations to meet over-production. Wholesale prices in Los Angeles are reported to be reflecting the action of mills in cutting down production, higher prices being bid for both common and clear fir.

ARCHITECTS ELECT

C. Herrick Hammond of Chicago was elected president of the American Institute of Architects at the annual convention recently held in St. Louis, Mo. Mr. Hammond, who succeeds Milton E. Medary of Philadelphia, won over William L. Steele of Sioux City, Iowa. J. Monroe Hewlett of Brooklyn, N. Y., was chosen first vice-president and William J. Sayward of Atlanta, Ga., second vice-president. Frank C. Baldwin of Washington, D. C., secretary and Edwin Dergstrom of Los Angeles, treasurer, were re-elected.

ENGINEER NAMED

Despite the protest of organized city employees, John B. Leonard has been appointed temporary superintendent of the Bureau of Building Inspection of the Department of Public Works. Leonard, a San Francisco structural engineer, was named for the office on recommendation of an advisory committee of architects, builders and insurance men who are engaged in revising the city's building code.

METAL DOOR AND TRIM COMPANY ISSUES NEW CATALOG

Metal Door and Trim Company of La Porte, Indiana, has issued a new catalog for the exclusive use of architects and contractors. The catalog is being delivered personally by factory salesmen together with agents in their respective territories. The catalog is useable for any and all hollow metal door and trim work.

FIRE DESTROYS LUMBER MILL

The Neff Lumber Company's mill at Hoquiam, Wash., was destroyed by fire May 18th with a loss estimated at more than \$250,000. The flames originated in a corner of the building and fanned by a strong breeze, leveled the structure despite efforts of the fire departments of Hoquiam and Aberdeen.

CALIFORNIA SCHOOLS COST \$143,819,221 FOR 1927

California's public schools cost her \$143,819,221.15 in 1927. Reports to the State made by county superintendents show that kindergartens cost \$3,605,842, elementary schools, \$76,692,515.17, and high schools, \$63,520,863.62.

Los Angeles Board of Education has authorized the secretary to send out a questionnaire to all persons who apply for plans upon which to base bids for proposed building contracts, the questionnaire being designed to show the responsibility of prospective bidders. This action was taken on representations of a committee of Southern California Chapter, Associated General Contractors of America, of which K. R. Bradley is chairman.

Official Proposals

NOTICE TO CONTRACTORS

(Salt Water Pump Station—San Diego)

Until 11 A. M., June 13, bids will be received by the bureau of yards and docks, Washington D. C., for salt water pump station, Naval Operating Base (Air Station) San Diego. The project consists of a reinforced concrete pump house on concrete piles; a creosoted pile dolphin; the installation of power transformers, and pumps with their motors and starters, all furnished by the government; piping, the provision and installation of a power transformer, cutouts and cables; a lighting system; sump ejector; and miscellaneous appurtenances. In the event that bidding data is desired there should be forwarded to the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, a check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification (No. 5478). W. H. Smith, Lieut. Comdr. U. S. N., Assistant Public Works Officer.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, California, at or before 11:00 A. M. Monday, June 4, 1928, for the construction of (a) Poultry buildings, yards and fences; (b) Superintendent's cottage; (c) Laboratory building for the University of California in Strawberry Canyon, Oakland, California.

Drawings and Specifications may be obtained from Room 218 California Hall upon a deposit of \$25.00 for each set of Drawings and Specifications. Deposit will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bids will be considered unless attached by a certified check or bid bond of an acceptable Surety Company in favor of the undersigned equal to ten per cent of the bid to secure the execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on June 13, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Lake County, across Cache Creek about 36 miles west of Williams (III-Lak-15-C), a reinforced concrete girder bridge consisting of eight 57-foot spans on concrete piers and abutments.

Solano County, between Cordelia and Rockville (X-Sol-8-7-A,B), about three and one-tenth (3.1) miles in length to be graded and surfaced with oil treated crushed gravel or stone.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
C. H. PURCELL,
State Highway Engineer.
Dated: May 16, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 407 Highway Building, Sacramento, California, until 2 o'clock P. M. on May 30, 1928, at which time they will be publicly opened and read, for performing work as follows:

In Glenn County, between Orland and Hamilton City (III-Gle-47-A), about five (5) miles in length, the existing grave: surfacing to be treated with fuel oil.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.
C. H. PURCELL,
State Highway Engineer.
By F. W. HASELWOOD,
District Engineer, Dist. III

Dated: May 18, 1928.

(D) NOTICE TO CONTRACTORS

(Construct Irrigation Dam—Oregon)

Sealed proposals will be received at the office of T. J. Higgins, Citizens National Bank Building, Baker, Oregon, until five (5) o'clock P. M., June 1, 1928, for furnishing materials and labor and constructing the Camp Creek Irrigation Dam.

Plans and specifications may be obtained upon application to the undersigned and deposit of Ten (\$10) Dollars. The deposit of Ten (\$10) Dollars will be returned to contractors submitting bona fide bids for the work.

Each proposal shall be accompanied by a deposit of five (5%) per cent of the amount of the bid, either in cash or by a certified check.

The right is reserved to reject any and all bids or to accept such bid or bids as are to the best interest of the Company.

CAMP CREEK WATER COMPANY,
T. J. HIGGINS,
President.

NOTICE TO CONTRACTORS

(Pumping Equipment—Alameda County)

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, ALAMEDA COUNTY, CALIFORNIA.

Sealed Bids will be received by the Clerk of the Board of Supervisors of Alameda County, California, at his office Monday, the 18th day of June, 1928, at 10:30 A. M. (the day when said bids will be opened and the contract awarded) for the furnishing and installing of pumping equipment in the Oakland Alameda Portal Buildings and in Segment "D" of the Estuary Subway, Alameda County, California.

Plans and specifications for said work are on file in the office of the County Clerk of Alameda County, in the Hall Records Building, in the City of Oakland, County of Alameda, State of California, where copies may be obtained in the following manner, viz:

Contractors may secure complete copies of the specifications by depositing with the County Clerk the sum of Twenty-five (\$25.00) Dollars.

Contractors will be required to return copies of the specifications in good condition to the office of the County Clerk of Alameda County, California, not later than the day upon which bids are to be opened for the above specified equipment.

Deposits of contractors failing to return said specifications on or before the day of opening of bids will immediately become forfeited to the County of Alameda.

Each bid must be accompanied by a certified check of a bank of the State of California, or a National Bank doing business in the State of California, for a sum equal to ten (10) per cent of the total amount bid made payable to Geo. E. Gross, Clerk of the Board of Supervisors of Alameda County, to be forfeited to the County as agreed, and liquidated damages should the party or parties to whom the contract shall be awarded, fail to enter into the contract after the award or to give the bond required by law as by the said specifications.

The Board of Supervisors reserves the right to reject any and all bids.

DATED May 21st, 1928.
GEO. E. GROSS,
County Clerk and Ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

Plans and specifications necessary for the supplying of labor and materials required for the construction of the West Addition to East Main Street School Santa Maria, California, may be obtained on and after May 21st, 1928, by application to Louis N. Crawford, Architect, 8 Jones Bldg., Santa Maria, California.

Plans and specifications provided may be returned at the time of submitting proposal in order for proposal to be considered.

Each proposal must be accompanied by a certified check in the amount of five per cent (5%) of the proposal price.

Surety bond to the total amount of the proposal price will be required of the successful bidder.

Sealed proposals will be received by the Board of School Trustees, M. Purkiss, Clerk, Santa Maria School District, Santa Maria, California, on or before 7:30 P. M., on Friday, June 1st, 1928, at a meeting to be held in the Main Street School, Santa Maria, California, which time and place bids for the erection of the above mentioned building will be considered.

The Board of School Trustees also mentioned, reserves the right to reject any proposal not in compliance with the conditions above stated, or to reject proposals or to accept any proposal which it considers to be in the best interest of the Santa Maria School District.

By order of the Board of School Trustees, Santa Maria School District, Santa Maria, California.

M. M. PURKISS, Clerk

NOTICE INVITING SEALED PROPOSALS OR BIDS

Livingston Municipal Water System

Pursuant to resolution of the City Council of Livingston, California, directing this notice, the said City Council hereby invites sealed proposals or bids for the furnishing of labor, materials and equipment necessary for and completely constructing the division of the Livingston Municipal Water System hereinafter specified in accordance with the plans and specifications on file in the office of the City Clerk of the City of Livingston, County of Merced, State of California.

DIVISION E. The drilling and lining of two wells, one eighteen (18) inches in diameter, and the other sixteen (16) inches in diameter.

Proposals are to be made on the blank form to be obtained from the City Clerk, and shall be sealed and filed with the clerk at or before eight o'clock P. M., Monday, June 4th, 1928, at which time they will be publicly opened by the City Council of said City at its regular Council Chamber.

Proposals shall comply with the instructions contained in the plans and specifications.

All proposals or bids shall be accompanied by a certified check upon a responsible bank, drawn to the order of the City of Livingston for a sum not less than ten per cent of the amount of the bid, or by a bond for said amount and so payable, signed by the bidder and surety company or two sureties, who shall justify before an officer competent to administer oaths, in double the said amount over and above all statutory exemptions.

The City Council reserves the right to reject any and all bids.

EDWARD J. HICKS,
City Clerk of the City of Livingston,
California.

----- (D) -----

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Los Altos Grammar School District at 7:30 P. M. on the 4th day of June, 1928, at the present Grammar School Building in Los Altos, for the erection and completion of a 2-room addition for the Los Altos Grammar School District, all as described and shown on the plans and specifications prepared for the same by W. H. Weeks, Architect.

Plans and specifications may be seen in the office of the Architect, W. H. Weeks, San Francisco, during office hours, or at the office of the Clerk of the Board in Los Altos.

All bids to be presented in strict accordance with the "Notice to Bidders" in the specifications.

Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than ten per cent of the amount bid, made payable to the Board of Trustees of the Los Altos Grammar School District as a guarantee that contract will be signed within five days of date of opening of bids, and approved surety bonds furnished as required.

Each bid must be delivered in a sealed envelope and addressed to the Clerk of the Board of Trustees, and endorsed: "Proposal for Addition to Grammar School Building."

The Board reserves the right to reject any and all bids.

HARRY A. DUTTON,
Clerk, Board of Trustees.

----- (D) -----

NOTICE TO CONTRACTORS

Notice is hereby given that the Board of Education of the City of Berkeley and Berkeley School Dist. of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said board, 2325 Milvia Street, Berkeley, California, until the 4th day of June, at 8 o'clock P. M., at which time and place bids will be opened for the furnishing of fish hardware to be used in the erection and completion of the addition to the Harfield School, located at Rose and Grant Streets, Berkeley, California.

Specifications for said work are on file in the office of James W. Plachek, architect of said Board of Education, Chamber of Commerce Building, corner of

Shattuck and Center Streets, Berkeley, California.

The specifications may be retained for a period of five days.

Price, fitness and quality being equal, preference will be given to the products of the State of California.

Persons or firms desiring to be on the mailing list of the Berkeley Board of Education may list themselves with the purchasing department.

CLARA F. ANDREWS,
Secretary of the Board of Education,
Berkeley, California.

----- (D) -----

NOTICE TO BIDDERS

(Water Pipe—Eureka, Calif.)

Sealed proposals or bids are hereby invited by the Council of the City of Eureka, California, for the use of the Water Department, for furnishing Ten Thousand (10,000) lineal feet of two inch and Two Thousand (2000) lineal feet of three inch Standard Black Pipe, random lengths, f. o. b. Dock, Eureka, Calif. Delivery to be made within sixty days after award of contract.

The said bids will be received in a sealed envelope marked Bids for two and three inch pipe at the office of the Superintendent of Public Works of the City of Eureka, California, up to the hour of 5 P. M., Tuesday, June 5th, 1928.

Bids will be opened by the City Council of the City of Eureka, at 8 o'clock P. M. on the 5th day of June, 1928. The right is reserved to reject any or all bids.

Dated May 16, 1928.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

----- (D) -----

NOTICE TO BIDDERS

(Water Pipe—Coalinga, Cal.)

Notice is hereby given that the city council of the City of Coalinga, Fresno County, California, will receive sealed bids and proposals for the following:

2100 feet pipe for conveying water from new auxiliary municipal well to city storage reservoir.

New or second-hand approximately 8 or 8 1/2 inches o. d. Weight approximately 25 to 28 pounds per foot. Lap weld or screw end.

Said bids or proposals must be delivered to the city clerk at his office in the City Hall, Coalinga, California, not later than 7:30 P. M., Monday, June 4th, 1928, said bids or proposals to be opened by the council at its regular meeting on said date, June 4th, 1928.

The council reserves the right to reject any or all bids or proposals received.

E. J. McCROSKEY,
City Clerk.

Dated May 16, 1928, Coalinga, Calif.

----- (D) -----

NOTICE TO BIDDERS

At the regular meeting of the Board of Trustees of the Hanford Joint Union High School District, held Monday, May 14th, 1928, at 8:00 P. M., a motion was regularly made and carried to make all necessary repairs to the garage damaged by fire on or about the night of March 14th, 1928, and that the clerk of said Board of Trustees cause to be published in the Hanford Daily Journal, the required number of issues, a notice to bidders calling for sealed proposals to furnish materials and make all necessary repairs in accordance with specifications in the hands of the Clerk of Board, which may be secured upon application.

A certified check or bidders' bond for 10% of the amount of the bid must accompany same.

The said Board of Trustees reserves the right to reject any or all bids.

All bids must be in the hands of G. W. Armstead, Clerk of the Board, on or before June 4th, 1928, at 8:00 P. M., at which time the bids will be opened at the regular meeting-place of the Board.

G. W. ARMSTEAD, Clerk,
Hanford Joint Union High School Dist.

----- (D) -----

NOTICE TO CONTRACTORS

Pursuant to a resolution of the Board of Education of the City of Chico, in and for the Chico School District, adopted in adjourned regular session, May 3, 1928, notice is hereby given that the said Board will receive sealed bids until the hour of 5 o'clock P. M. of Tuesday, June

5, 1928, for the construction of two rooms at Paradise, California, in accordance with the plans and specifications prepared therefor by Mr. A. G. Atkinson, architect, of Chico, California. This proposal shall be made upon a form prepared for the same. Said plans, specifications and proposals may be had in the office of the clerk of the Board of Education, Municipal Building, Fifth and Main Streets, Chico, California.

Said construction will also include the extension and enlargement of the present heating plant in accordance with these plans.

A deposit of \$10.00 will be required for each set of plans and specifications furnished the bidder; said deposit to be returned to the bidder upon the return to the office of the plans and specifications.

Said bid shall be signed by the bidder and be accompanied by a certified check for at least five per cent of the amount of the bid or proposal, certified to by some responsible bank or banker and made payable to the President of the Board of Education of the Chico School District, or order; said certified check to be forfeited to and retained by the Chico School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after award has been made, or to give bonds as required. Bids must be plainly marked on the exterior as to content.

The successful bidder will be required, upon the signing of the contract, to furnish all necessary bonds in the amount of fifty per cent of the contract for compliance with the laws of the State, both in the matter of guaranteeing the execution of the contract and in the matter of protection to material, men and labor, also will be required to furnish all necessary compensation protection.

The Board of Education of the Chico School District reserves the right to reject any or all bids.

BOARD OF EDUCATION OF THE
CHICO SCHOOL DISTRICT.

CHAS. H. CAMPER, Secretary.

----- (D) -----

INVITING PROPOSALS FOR FURNISHING RELAY BOARDS

Sealed proposals will be received at the office of Purchasing Agent of the City of Portland, Room 208, City Hall, until 2 P. M., May 31, 1928, for furnishing four (4) four-circuit main line relay boards, for the Bureau of Fire as per specifications on file in the Bureau of Purchases, Room 208, City Hall.

No proposal or bid will be considered unless accompanied by a check payable to the order of the City of Portland, Oregon, certified by a responsible bank, for an amount equal to 10 per cent of the aggregate amount of the proposal, to be forfeited as fixed and liquidated damages, should the bidder neglect or refuse to enter into contract and provide a suitable bond for the faithful performance of the contract, in the event the said contract is awarded to him.

The right to reject any and all bids is hereby reserved.

Date of first publication, May 18, 1928.
FRANK COFFINBERRY,
Purchasing Agent of the City of Portland.

----- (D) -----

NOTICE TO CONTRACTORS

(Furnishing 2600 Split Redwood Posts)

Proposals will be received at the office of the East Bay Municipal Utility Dist., 1924 Broadway, Oakland, until 2 P. M., June 1, for furnishing 2600 split redwood posts size 4x5 by 7 ft. long, chamfered top and 100 split redwood posts size 6x6 by 9 feet long, chamfered top. Proposal blanks may be obtained at the office of the District.

(Signed) ARTHUR P. DAVIS,
General Manager.
Oakland, Calif., May 18, 1928.

----- (D) -----

NOTICE TO CONTRACTORS

(Boundary Wall—Presidio)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif.—Sealed proposals will be received here until 11:00 A. M., June 6, 1928, for constructing boundary wall at Presidio of San Francisco, California. Information upon application.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1268	Collins	Erickson	30
1269	Costello	Owner	4000
1270	Di Bene	Todhunter	16
1271	Frattessa	Owner	3500
1272	Harder	Owner	16000
1273	Lawton	Payne	12
1274	Murphy	Owner	100
1275	Murphy	Owner	500
1276	Melin	Nicolayson	2825
1277	Scallione	Coburn	2
1278	Sullivan	Owner	4000
1279	Bell	Bell	8000
1280	Bosich	Owner	32000
1281	Caruso	Shalaba	1000
1282	Hardiman	Owner	4000
1283	Stempel	Owner	2400
1284	Armbrust	Owner	5000
1285	Garrett	Owner	—
1286	Johnson	Owner	4000
1287	Lang	Owner	4500
1288	Potter	Stockholm	4000
1289	Scully	Owner	9000
1290	Same	Same	135000
1291	Satkamp	Owner	6400
1292	Wilbe	Owner	7000
1293	Busse	Schrihling	1400
1294	Heffernan	Salmon	2000
1295	Hill	Owner	4500
1296	Nielsen	Owner	2500
1297	Thomas	Inglis	6000
1298	Bradshaw	Owner	5000
1299	Carrico	Olson	7000
1300	Chipperfield	Owner	4000
1301	Halsen	Owner	5000
1302	Hansberry	Owner	8000
1303	Lindeman	Lindeman	22500
1304	Meyer	Owner	1500
1305	MacKenzie	Owner	8000
1306	Nelson	Owner	4500
1307	Orner	Owner	3000
1309	Seymour	McCarthy	4500
1310	Standard Oil	Owner	1750
1311	Westerlund	Owner	4500
1312	Wing	Owner	5000
1313	McCarthy	McCarthy	3000
1314	Cassidy	Stevenson	4800
1315	Davis	Owner	3500
1316	Biggins	Jenkins	1400
1317	Cal. Packing	Owner	1750
1318	Gietzen	Owner	1000
1319	Leask	Owner	4000
1320	Isoni	Tagioni	3500
1321	Grand	Home	34000
1322	Stehn	Magill	3000
1323	Salvation	Gayton	30000

DWELLING
(1266) E HARRISON ST. 182 N 23rd; 1-story and basement frame dwelling.
Owner—W. H. Ahern, 797 Hampshire St.
Architect—None.
Contractor—W. E. Grosman, 47 Curtis St. \$3500

DWELLINGS
(1267) E 31st AVE. 250 and 275 S JUDAH St.; two 1-story and basement frame dwellings.
Owner—Christian Andersen, 146 Granville Way.
Architect—None. Price not stated

DWELLING
(1268) E 26th AVE. 200 N TARAVAL; 1-story and basement frame dwelling.
Owner—Frank and Helen Collins, 1823 Church St.
Architect—Thomas Bros., 142 Sansome.
Contractor—Henry Erickson, 972 Chenery St. \$4000

DWELLING
(1269) E 18th AVE 404 S KIRKHAM; 1-story and basement frame dwelling.
Owner—Michael Costello, 821 34th Ave.
Architect—None. \$4000

REPAIR FIRE DAMAGE
(1270) 1401 SCHRADER ST.; repair fire damage.
Owner—V. Di Bene, 1401 Schrader St.
Architect—None.
Contractor—Geo. C. Todhunter, 1088 Ashbury St. \$2500

DWELLING
(1271) S PALOU 250 W NEWHALL; 1-story and basement frame dwelling.
Owner—Joseph S. Frattessa, 961 San Bruno.
Architect—Owner. \$3500

DWELLINGS
(1272) E 26th AVE 200, 225, 250, 275 S MORAGA; four 1-story and basement frame dwellings.
Owner—Harder Bros., 870 39th Ave.
Architect—None. \$4,000 each

DWELLINGS
(1273) E 46th AVE 50, 75, 125 S QUIN-TARA; three 1-story and basement frame dwellings.
Owner—R. E. Lawton, 44 Nebraska.
Architect—None.
Contractor—J. H. Payne, 44 Nebraska. \$4,000 each

DWELLINGS
(1274) E PINEHURST 260 and 300 N OCEAN; two 1-story and basement frame dwellings.
Owner—John Murphy, 350 Claremont Blvd.
Architect—W. A. Doctor, 800 Ulloa St. \$5,000 each

DWELLING
(1275) E PINEHURST WAY 220 N OCEAN; 1-story and basement frame dwelling.
Owner—John Murphy, 350 Claremont Blvd.
Architect—W. A. Doctor, 800 Ulloa St. \$5,000

ALTER AND REMODEL
(1276) 24 MAJESTIC AVE.; alter and remodel dwelling.
Owner—Jack Melin, 24 Majestic Ave.
Architect—None.
Contractor—J. K. Nicolayson, 4007 Porter St., Oakland. \$2,825

REPAIR FIRE DAMAGE
(1277) 4021 24th AVE.; repair fire damage.
Owner—A. E. Scalione, 4021 24th St.
Architect—None.
Contractor—Chas. Coburn, 666 Mission St. \$2,000

DWELLING
(1278) W KEYSTONE WAY 540 N Ocean; 1-story and basement frame dwelling.
Owner—Thos. J. Sullivan, 254 Jules Ave.
Architect—None. \$4,000

DWELLINGS
(1279) N KENWOOD 545 and 585 E Manor Drive; two 1-story and basement frame dwellings.
Owner—Richard H. Bell, 1365 Monterey Blvd.
Architect—Donnell E. Jaekle, 395 Justin Drive.
Contractor—Bell & Sylvester, 1365 Monterey Blvd. \$4,000 each

APARTMENTS
(1280) NE 14th & ROSEMONT; 3-story and basement frame (15) apts.
Owner—J. E. Bosich 825 Monadnock Bldg.
Architect—J. C. Hladik, Monadnock Bldg. \$32,000

RAISE BLDG. & INSTALL GARAGE
(1281) 1183 YORK ST.; raise building and install private garage.
Owner—N. Caruso, 149 Brewist.
Architect—None.
Contractor—A. Shalaba, 500 Gates St. \$1,000

DWELLING
(1282) E 28th AVE 125 S LAWTON; 1-story and basement frame dwelling.
Owner—Hardiman and O'Connor, 2750 Mission St.
Architect—L. E. Hansberg, 1260 20th Ave. \$4,000

APARTMENTS
(1283) SE 17th & LINCOLN; 3-story and basement frame (12) apts.
Owner—Mrs. Edna Stempel, 2050 9th Ave.
Architect—J. C. Hladik, Monadnock Bldg. \$24,000

DWELLING
(1284) W SIXTEENTH AVE 91-7 N Quintara. Two-story and basement frame dwelling.
Owner—H. W. Armbrust, 2472 28th Ave., San Francisco.
Architect—W. E. Hanson, 580 Market St., San Francisco. \$5000

GREENHOUSE
(1285) NO. 1350 FIFTEENTH AVE. Erect frame greenhouse.
Owner—T. S. Garrett, Premises.
Architect—None. \$—

DWELLING
(1286) W POPE 225 N Brunswick. One story and basement frame dwelling.
Owner—Gus G. Johnson, 1175 Munich St., San Francisco.
Architect—None. \$4000

DWELLING
(1287) W THIRTY-FIRST AVE 125 S Judah. One-story and basement frame dwelling.
Owner—Albert Lang, 330 Chattanooga St., San Francisco.
Architect—None. \$4500

DWELLING
(1288) NO. 710 EL CAMINO DEL MAR. Two-story and basement frame dwlg.
Owner—J. Sheldon Potter, Commercial Union Bldg., San Francisco.
Architect—Houghton Sawyer & Co., 1025 Hearst Bldg., San Francisco.
Contractor—Chas. Stockholm & Son Russ Bldg., S. F. \$40,000

APARTMENTS
(1289) E LEAVENWORTH ST. 63-6 N Greenwich. Six-story and basement Class C (24) apartments.
Owner—J. E. Scully, Phelan Bldg., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$90,000

APARTMENTS
(1290) NE LEAVENWORTH AND Greenwich. Six-story Class C (36) apartments.
Owner—J. E. Scully, Phelan Bldg., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$135,000

DWELLING
(1291) E FUNSTON AVE 50 S Santiago. Two-story and basement framedwlg.
Owner—Anna C. Sutkamp, 230 Funston Ave., San Francisco.
Architect—None. \$6400

DWELLING
(1292) N SANTA PAULA opp. San Jacinto, being Lot 2 Blk 18, St. Francis Wood. Two-story and basement frame dwelling.

Capital City Title Company

J. C. PALEN

Manager

914 Seventh Street
Sacramento - California

Owner—A. J. Wilbe, 1344 Ocean Ave., San Francisco.
Architect—H. G. Stoner, 810 Ulloa St., San Francisco. \$7000

RAISE & ALTER DWELLING
(1293) 2363 32nd AVE.; raise and alter dwelling.
Owner—E. Busse, 2363 32nd Ave.
Architect—None.
Contractor—Henry Schrihling, 615 Burns-wick. \$1400

REPAIR FIRE DAMAGE
(1294) 1013-1015 MARKET ST.; repair fire damage.
Owner—H. Heffernan, 1714 Broderick St.
Architect—None.
Contractor—L. Salomon, 1714 Broderick St. \$200

DWELLING
(1295) N 21st ST. 1½ W DOUGLASS; 1-story and basement frame dwelling.
Owner—M. Hill, 453 Castro St.
Architect—Owner. \$4500

DWELLING
(1296) W 41st AVE. 200 N IRVING ST.; 1-story and basement frame dwelling.
Owner—Gustaf S. Nielsen, 150 Tenth Ave.
Architect—None. \$3500

DWELLING
(1297) W LOPEZ 185 S SOTELO; 2-story and basement frame dwelling.
Owner—Howard Thomas, 3 Blake St.
Architect—None.
Contractor—Ingils and Westrup, 340 17th Ave. \$6000

DWELLING
(1298) SW LAGUNA HONDA & Hernandez; 2-story and basement frame dwelling.
Owner—Bradshaw and Pratt Co., 5430 Geary St.
Architect—W. A. Doctor, 800 Ulloa. \$5,000

FLATS
(1299) W 3rd AVE. 200 N CABRILLO; 2-story and basement (2) flats.
Owner—Geo. L. Carrico.
Architect—None.
Contractor—C. Olson, 875 47th Ave. \$7,000

DWELLINGS
(1300) E 28th AVE., 25, 50, 75 and 100 N Moraga; four 1-story and basement frame dwellings.
Owner—R. E. Chipperfield, 1295 15th Ave.
Architect—None. \$4,000 each

DWELLING
(1301) N ULLOA 35 W 18th AVE.; 1-story and basement frame dwelling.
Owner—Arvid Halsen, 2427 25th Ave.
Architect—None. \$5,000

DWELLINGS
(1302) E 28th AVE. 325 and 350 N Moraga; two 1-story and basement frame dwellings.
Owner—L. E. Hansberry, 1260 20th Ave.
Architect—Owner. \$4,000 each

APARTMENTS
(1303) S BEACH ST. 100 E BAKER; 3-story and basement frame (9) apts.
Owner—H. O. Lindeman, 619 27th Ave.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave. \$22,500

RAISE & ALTER HOUSE
(1304) 168 LUNDY; raise house and alter same.
Owner—Julius Meyer, 168 Lundy.
Architect—None. \$1,500

DWELLINGS
(1305) E 26th AVE. 150 and 175 S MORAGA; two 1-story and basement frame dwellings.
Owner—W. H. MacKenzie, 1988 21st Ave.
Architect—L. E. Hansberry, 1260 20th Ave. \$4,000 each

DWELLING
(1306) E 27th AVE. 175 N KIRKHAM; 1-story and basement frame dwelling.
Owner—Carl Nelson, 210 Scott St.
Architect—Owner. \$4500

ALTER FLATS
(1207) 1264 17th AVE.; alter and remodel flats.
Owner—J. Orner, 1264 17th Ave.
Architect—Owner. \$3,000

SERVICE STATION
(1308) SE PORTOLA & FOWLER; 1-concrete service station and 1-story frame rest room.

Owner—Richfield Oil Co., Matson Bldg.
Architect—None.
Contractor—Meyer Bros., 727 Portola. \$2,000

STORE BLDG.
(1309) S 24th ST. 100 E CASTRO ST.; 1-story frame store bldg.
Owner—J. H. Seymour, 4091 24th St.
Architect—None.
Contractor—James T. McCarthy, 436 Eureka St. \$4500

SERVICE STATION
(1310) NE SLOAT & GT. HIGHWAY; 1-story steel service station.
Owner—Standard Oil Co., 225 Bush St.
Architect—None. \$1750

DWELLING
(1311) W 22nd AVE. 175 N ULLOA; 1-story and basement frame dwelling.
Owner—J. C. Westerlund, 320 Market St.
Architect—None. \$4,500

LAUNDRY BLDG.
(1312) 1624 LARKIN ST.; alter Chinese laundry building.
Owner—Lee Wing and Hong Bock Shing, 137 9th Ave.
Architect—F. S. Holland, 137 9th Ave. \$5000

DWELLING
(1313) N CAYUGA 298 W SAN JUAN; 1-story and basement frame dwelling.
Owner—McCarthy Co., 633 Taraval St.
Architect—None.
Contractor—McCarthy & Son, 653 Taraval St. \$2000

DWELLINGS
(1314) W VERMONT 25 and 50 N MAR-IPOSA; two 1-story and basement frame dwellings.
Owner—R. F. Cassidy Co., 1419 18th St.
Architect—None.
Contractor—L. H. Stevenson, 130 Merced. \$3900 each

DWELLING
(1315) E ORIZABA 100 S FARALLONE; 1-story and basement frame dwelling.
Owner—F. J. Davis, 171 Lee Ave.
Architect—None. \$3500

ALTERATIONS
(1316) 645 CHARTER OAK; house to be moved, raised, and altered.
Owner—Wm. Biggins, 645 Charter Oak.
Architect—None.
Contractor—Jenkins and Gross, 3433 Market St. \$1400

ELEVATOR INSTALLED.
(1317) 101 CALIFORNIA ST.; installation of dummy elevator and pent house.
Owner—California Packing Corp., 101 California St.
Engineer—Phillip L. Bush, 101 California St. \$1700

CONCRETE FLOOR
(1318) SE POST & LARKIN; install new concrete floor for electric repair shop.
Owner—Jacob Gietzen, 425 Kearny St.
Architect—W. H. Crim, Jr., 425 Kearny St. \$1000

DWELLING
(1319) E 30th AVE. 150 S JUDAH; 1-story and basement frame dwelling.
Owner—Gordon Leask, 197 Parker Ave.
Architect—None. \$4000

DWELLING
(1320) N GILLMAN 250 W JENNINGS; 1-story and basement frame dwelling.
Owner—Louis Isoni, 943 Ingerson.
Architect—None.
Contractor—C. A. Taggioni, 1556 Revere. \$350

ALTERATIONS
(1321) 985 MARKET ST.; plastering, plumbing, new floor, electrical work, store fronts, painting and decorating for salesrooms.
Owner—F. & W. Grand Co.
Architect—Reid Bros., 105 Montgomery.
Contractor—Home Mfg. Co., 552 Brannan St. \$24,000

STORE BLDG.
(1322) S IRVING 77 E 20th AVE.; 1-story frame store bldg.
Owner—E. M. Stehn, 185 19th Ave.
Architect—None.
Contractor—C. T. Magill, 185 19th Ave. \$3,000

GYMNASIUM
(1323) N SILVER 300 E CAMBRIDGE; 1-story and basement concrete gymnasium.
Owner—The Salvation Army, 36 McAllister St.
Architect—R. F. Inwood, Long Beach.
Contractor—Geo. T. Gayton, 36 McAllister St. \$30,000

BUILDING CONTRACTS

San Francisco County

200	Moreschi	Fracchia	13300
201	Boracto	Robinson	10365
202	Lindeman	Lindeman	26500
203	DiPiano	Folioti	18000
204	Poppas	Smith	14102
205	Pacific	Larsen	22743
206	Melin	Nicolaysen	2825
207	McCarthy	Arnott	3385
208	McCarthy	Arnott	3134
209	McCarthy	Arnott	3134
211	McCarthy	Arnott	3385
		Arnott	4163

TWO-STORY BLDG.
(200) NW CLAY & WHITMORE; all work on 2-story frame building except electric fixtures.

Owner—A. Moreschi and G. Moreschi, 1165 Clay St., San Francisco.
Architect—None.

Contractor—Fracchia & Truffelli, 2450 Chestnut St.

Filed May 17, 1928. Dated May 12, 1928.

Roof on\$3,525
Brown coated3,225
Completed and accepted.....3,325
35 days after.....2,325

TOTAL COST, \$12,300

Bond, \$6650; sureties, G. B. Cordano and A. Dentoni; forfeit, limit, none; plans and spec. not filed.

Permit applied for.

TWO-STORY BLDG.
(201) N CHESTNUT 181.359 W BAKER W 30 x N 100; all work on 2-story and basement frame building.

Owner—Matteo Boracto, San Francisco.
Plans by contractors.

Contractor—Robinson & Johnston, 1316 Fulton St., San Francisco.

Filed May 17, 1928. Dated April 20, 1928.

Roof boards on\$2,073
Lathed and plastered2,073
Plastering completed2,073
Completed and accepted.....2,073
35 days after.....2,073

TOTAL COST, \$10,365

Bond, sureties, forfeit, limit, none; plans and spec. filed.

APARTMENTS
(202) E THIRTY-NINTH AVE AND NE Geary N 25 E 85 S 29.96 NW 85.15 OL 219. All work for three-story frame apartment building.

Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.

Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.

Filed May 18, 1928. Dated April 14, 1928.

Enclosed\$6,625
Rough plastered6,625
Completed6,625
35 days after.....6,625

TOTAL COST, \$26,500

Bond, sureties, forfeit, none; limit, 120 days; plans and spec. filed.

Permit applied for.

TWO-STORY BLDG.
(203) W JONES 102 N FILBERT N 37-6 x W 137-6; all work except shades & chandeliers on 2-story and basement frame bldg.

Owner—Frank Dipliano, 886 Greenwich St., San Francisco.

Architect—J. A. Porporato, 619 Washington St., San Francisco.

Contractor—R. Folioti, 949 Filbert St., San Francisco.

Filed May 19, 1928. Dated May 16, 1928

Rough frame up\$3,500
Brown coated4,500
Completed and accepted.....4,750
75 days after.....5,250

TOTAL COST, \$18,000

Bond, \$9,000; sureties, Valentine Calefano, Thos. Valerio; forfeit, none; limit, 90 days; plans and spec. filed.

Permit applied for.

STORE & FLAT BLDG.
(204) Com at pt 45 S of int. SE Potrero Ave and 16th S 92-6 x E 100; all work except lighting fixtures, finish hardware and window shades for additions to store and flat building.

Owner—Jas. and Wm. Pappas, 311 Potrero Ave., San Francisco.
 Architect—Frank M. Weber, 4867 Mission St., San Francisco.
 Contractor—J. H. Verner & Ernest J. Smith, 336 San Benito, San Francisco.
 Filed May 19, 1928. Dated May 9, 1928.
 Frame work up.....\$3,525
 Plaster completed and roofing laid.....3,525
 Completed and accepted.....3,525
 35 days after.....3,525

TOTAL COST.....
 Bond, \$7,051; sureties, Great American Indemnity Co.; forfeit \$10; limit, 100 days; plans and spec. filed.
 Permit applied for.

COMPRESSOR BLDG.

(205) BAY, BUCHANAN, NORTH PT. and Laguna Sts.; removal of old compressor bldg. and erection of new compressor bldg. and brick fence for company's North Beach Gas Holder station.

Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
 Architect—None.
 Contractor—H. H. Larsen Co., Foxcroft Bldg., San Francisco.
 Filed May 19, 1928. Dated May 9, 1928.
 Payments monthly.....75%
 35 days after.....25%
TOTAL COST, \$22,743

Bond, \$22,743; sureties, Pacific Indemnity Co.; forfeit, none; limit, 90 days; plans and spec. filed.
 Permit applied for.

ALTERATIONS

(206) NO. 24 MAJESTIC AVE., being Lot 21 Blk F, Columbia Heights Tract. All work for alterations and additions to frame dwelling.

Owner—Jack and Lena Melin, Premises.
 Architect—None.
 Contractor—J. K. Nicolaysen, 4007 Porter St., Oakland.

Filed May 22, '28. Dated May 17, '28.
 1st floor joists in place and rough lumber on job.....\$565
 Roof on.....565
 Plastered.....565
 When completed.....565
 Usual 35 days.....565

TOTAL COST, \$2825
 Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

4-ROOM BUNGALOW

(207) E PLYMOUTH AVE. 50 N LAKEVIEW AVE. N 25 x E 75 ptn lots 7, 8 and 9 blk 6 Lakeview; all work on 4-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. Architect—None.
 Contractor—James Arnott & Sons, 623 Taraval St.

Filed May 23, 1928. Dated May 10, 1928.
 30 days after frame up.....25%
 30 days after brown coated.....25%
 30 days after completed & ac'pted.....25%
 35 days thereafter.....25%

TOTAL COST, \$3335.40
 Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

4-ROOM BUNGALOW

(208) NW CAYUGA AVE. 445.826 SW Santa Rosa Ave. SW 25 NW 110.107 NE 25 m or I SE 110.093 ptn blk K Bernal Tract, ptn lot 33 blk E Mission Terrace; all work for 4-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. Architect—None.
 Contractor—James Arnott & Sons, 623 Taraval St.

Filed May 23, 1928. Dated May 11, 1928.
 30 days after frame up.....25%
 30 days after brown coated.....25%
 30 days after completed & ac'pted.....25%
 35 days thereafter.....25%

TOTAL COST, \$313
 Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

4-ROOM BUNGALOW

(209) NW CAYUGA AVE. 420.826 SW Santa Rosa Ave. SW 25 NW 110.093 NE 25 m or I SE 110.078 ptn blk K Bernal Tract ptn lot 33 blk E Mission Terrace; all work for 4-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. Architect—None.
 Contractor—James Arnott & Sons, 623 Taraval St.

Filed May 23, 1928. Dated May 11, 1928.
 30 days after frame up.....25%
 30 days after brown coated.....25%
 30 days after completed & ac'pted.....25%
 35 days thereafter.....25%

TOTAL COST, \$3124.40
 Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

4-ROOM BUNGALOW

(210) E PLYMOUTH AVE. 25 N LAKEVIEW AVE. N 25 x E 75 ptn lots 7, 8, and 9 blk 6 Lakeview; all work for 4-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. Architect—None.
 Contractor—James Arnott & Sons, 623 Taraval St.

Filed May 23, 1928. Dated May 10, 1928.
 30 days after frame up.....25%
 30 days after brown coated.....25%
 30 days after completed & ac'pted.....25%
 35 days thereafter.....25%

TOTAL COST, \$3335.40
 Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

5-ROOM BUNGALOW

(211) NW CAYUGA AVE. 470.826 SW Santa Rosa Ave. SW 25 NW 110.107 NE 25 m or I SE 110.107 ptn blk K Bernal Tract, ptn lot 33 blk E Mission Terrace; all work for 5-room bungalow.

Owner—The McCarthy Co., 46 Kearny St. Architect—None.
 Contractor—James Arnott & Sons, 623 Taraval St.

Filed May 23, 1928. Dated May 9, 1928.
 30 days after frame up.....25%
 30 days after brown coated.....25%
 30 days after completed & ac'pted.....25%
 35 days thereafter.....25%

TOTAL COST, \$4,165.00
 Bond, sureties, none; forfeit, \$1; limit, 90 days; plans and spec. filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

May 16, 1928—N SACRAMENTO 183.4 E Larkin E 31 x N 120. Ethel Webb to whom it may concern.....April 16, 1928

May 16, 1928—LOT 38 BLK H Map Columbia Hgts Tract, Jack Buckley to whom it may concern.....May 10, 1928

May 5, 1928—E ROANOKE 50 S Bemis S 25 x E 85 N 25 W 25. W. H. Gillham to Lindgren Brothers.....May 1, 1928

May 15, 1928—E 17th AVE. 100 N VICENTE 25x120. L. B. Hammond to whom it may concern.....May 14, 1928

May 17, 1928—S MARKET 745 MARKET. State Guaranty Corp. to Jos. Musto Sons, Keenan Co., California Artistic Metal & Wire Co.; Turner Co., Raymond Granite Co., Inc., Barrett & Hilp.....May 10, 1928

May 17, 1928—E DIAMOND 57 N Army N 45 E Diamond 57 x E 51 known as 1235 and 1229 Diamond. John J. Murray to L. H. Stevenson.....May 15, 1928

May 17, 1928—LOTS 13, 9-11 and 12, Blk 2 Forest Hill, known as 464 Dewey Blvd. E. J. Montgomery to whom it may concern.....May 16, 1928

May 17, 1928—25x120 on E 14th AVE. 200 and 225 N of Santiago. Carl and Fred Gellert to whom it may concern.....May 17, 1928

May 16, 1928—LOT 37 BLK H Map Sub Columbia Hgts Tract. Jack Buckley to whom it may concern.....May 15, 1928

May 16, 1928—LOTS 33, 34, 37 BLK 31 Sunnyside. Gordon W. Morris to whom it may concern.....May 15, 1928

May 16, 1928—NE SAN BRUNO AVE. 50 NW Burrows NW 75 x NE 100. Attilio J. Ben, Peter J. Ratto to Michael Brueck.....May 7, 1928

May 16, 1928—E 30th AVE 200 and 225 N Kirkham 25x120. Albert A. Plagge to whom it may concern.....May 16, 1928

May 16, 1928—NE BEVERLY and Shields N 50 x E 50 ptn lots 7 and 8 blk 5 City Land Assn. E Beverly 50 N Shields N 50 x E 50 ptn same. W. S. Barron to H. H. Putnam.....April 20, 1928

May 15, 1928—N JEFFERSON 127-6 W Broderick N 50 x 137-6. E. Kroll to whom it may concern.....May 15, 1928

May 16, 1928—COMG S YERBA BUENA Ave and W Santa Paula Ave E 301.66 from pt of beg E 40 S 39° 09' 38" W 93.56 E 79.48 to beg. Martin J. Rist to whom it may concern.....May 15, 1928

May 16, 1928—N VALLEJO 180 W Baker N 137-6 W 29-6 N 12-6 W 25-6 S 150 E 55. W. R. Clark to Ira W. Coburn.....May 10, 1928

Correction in Name

May 16, 1928—NE ROANOKE 50 SE Bemis NE 86-6 x SE 25 ptn lot 100 blk 5 Fairmount Land Assn. W H. Gillham to Lunderen Bros. May 1, 1928

May 19, 1928—W 17th AVE 175 S NOR-EIGA S 25 x W 120. Sarah B. Collins to J. E. Collins.....May 17, 1928

May 19, 1928—250 SAN LEANDRO Way 36x100.159 N of Darien Way on W line lot 6. George and Josephine Stanley to whom it may concern.....May 17, 1928

May 18, 1928—W TEXAS 24-6 N SERRA N 25 x W 100. L. H. Stevenson to whom it may concern.....May 18, 1928

May 18, 1928—NE ALLISON 75 NW Brunswick 25x120 being lot 21 blk 4 Syndicates 1st Addn. Nelson E. Lutz to whom it may concern.....May 17, 1928

May 18, 1928—NE ALLISON 100 NW Brunswick 25x120 known as lot 22 blk 4 Syndicates 1st Addn. Nelson E. Lutz to whom it may concern.....May 17, 1928

May 18, 1928—N VALLEJO 200 E Laguna E 74-3 x N 137-6. Nineteen-forty Valjejo Street Inc., to Jack Taber Roofing Co.....May 14, 1928

May 18, 1928—SE TABER PLACE 222 SW 2nd SW 44 x SE 97-6. H. H. Larsen Co. to whom it may concern.....May 16, 1928

May 18, 1928—LOTS 43 and 44 BLK O Map showing ppty of Mission Street Land Co. Robert Neil to whom it may concern.....June 1, 1928

May 21, 1928—25x120 on W LINE 28th Ave. 175 N Ulloa. Carl and Fred Gellert to whom it may concern.....May 21, 1928

May 21, 1928—GEARY ST. TICKET OFFICE. Southern Pacific Co. to Royal Heating Co.....May 11, 1928

May 21, 1928—NW BACON 70 SW Somerset SW 100 x NW 75 ptn lots 4 and 5 blk 30 University WD Survey. Fredrik A. Lundstrom to whom it may concern.....May 15, 1928

May 21, 1928—NW 20th AVE and California 32-6 x 106. I. Epp to whom it may concern.....May 21, 1928

May 21, 1928—E 30th AVE 325 S JUDAH S 25 x E 120. Charles H. Beckman to whom it may concern.....May 21, 1928

May 21, 1928—S BAY 168-9, 192-9 W Scott W 25 x S 137-6. Martin P. Storheim to whom it may concern.....May 21, 1928

May 19, 1928—N TARAVAL 133 W CORTEZ bet Cortez and 12th Ave. Chas. Anderson to whom it may concern.....May 18, 1928

May 19, 1928—E 40th AVE. 150 S JUDAH S 25 x E 120. W. H. Reed to whom it may concern.....May 17, 1928

May 19, 1928—LOT 12 BLK Q Park Lane Tract No. 3. R. N. Gibson to whom it may concern.....May 17, 1928

May 19, 1928—LOT 11 BLK 9 Amended May of Ingleside Terrace. A. J. Herzig to whom it may concern.....May 19, 1928

May 19, 1928—NW MUNICH 100 S Persia, thence 50 S x 100. Gilbert L. Plov to whom it may concern.....May 19, 1928

May 22, 1928—S BAY 218-9 W SCOTT W 25 x S 137-6. Martin P. Storheim to whom it may concern.....May 22, 1928

May 22, 1928—SE VALENCIA 150 S 15th, having frontage of 45 on Valencia x 100 on 15th. Jules Bessette with George Fleming to whom it may concern.....May 22, 1928

May 22, 1928—W 26th AVE. 150 S RIVERIA S 75 x 120. Herman Christensen to whom it may concern.....May 22, 1928

May 22, 1928—E YORK 115 S 25th S 25 x E 100. M. J. Garcia to whom it may concern.....May 21, 1928

May 22, 1928—SE 16th & FOLSOM 105 frontage on both streets. Geo. W. Wagner to whom it may concern.....May 19, 1928

May 22, 1928—LOT 10 BLK 2901C Sub. 4 Miraloma Park. Meyer Bros. to whom it may concern.....May 17, 1928

May 22, 1928—NW FILLMORE and Greenwich 60x90-9. S. Steinauer to whom it may concern.....May 22, 1928

May 22, 1928—PT 125 S SANTIAGO on E 38th Ave th 120 E from said pt th 25 S th W 25 N. Benson C. Condit to Condit & Maxam.....May 21, 1928

May 22, 1928—COMG 150, 175, 200, and 225 S SANTIAGO on E 38th Ave E 120 x S 25. Benson C. Condit to Condit & Maxam (four completions).....May 21, 1928

May 22, 1928—NW PRAGUE 350 SW Russia Ave SW 25 x NW 100 ptn lot 5 blk 92. Excelsior Hld. Assn. Robert R. Hill to whom it may concern.....May 19, 1928

May 22, 1928—NW MUNICH 400 and 375 SW Russia Ave NW 25 x NW 100 ptn lot 6 blk 80. Excelsior Hld. Assn. Emil Peterson to whom it may concern.....May 23, 1928

LIENS FILED

San Francisco County

Recorded	Amount
May 16, 1928—W FOERSTER 50 N Mangels Ave n alg W Foerster 25 x W 100 lot 42 blk 8 Sunnyside Sub. Sudden Lbr. Co. vs Francis J. Foster.....	\$474.55
May 16, 1928—W FOERSTER 25 N Mangels Ave n alg W Foerster 25 x W 100 lot 43 blk 8 Sunnyside Sub. Sudden Lbr. Co. vs Francis J. Foster.....	\$394
May 16, 1928—W FOERSTER 25 N Mangels N 25 x W 100 lot 43 blk 8 Sunnyside Tract. Frank Hanson vs Francis J. and Laura B. Foster.....	\$285
May 16, 1928—S GROVE 175 E DIVISADERO E 38 x S 100. Thomas and James McKee vs H. R., Harry R. and Bernice L. Sorenson.....	\$385
May 16, 1928—NW 29th AVE & TARAVAL N 100 x W 25. Russian River Gravel Co. vs H. J. Rock.....	\$45.26
May 16, 1928—S GROVE 175 E DIVISADERO E alg S Grove 38 x S 100 ptn WA 447 and also known as lot 2-G blk 1202 Assessor's Map Book. S. Zimmermann and Z. Blechman (as Zimmermann & Co.) vs Harry and Bernice L. Sorenson.....	\$1,840
May 16, 1928—BLK 6549 LOT 11 Comp 178-2 W Church W alg Clipper 25-7 x N 114. Inland Floor Co. vs J. Giaccio and Lucy Giaccio.....	\$123.59
May 16, 1928—S GROVE 175 E DIVISADERO E alg S Grove 38 x S 100. Christenson Lbr Co. vs H. R. Sorenson.....	\$2,889.04
May 16, 1928—S PARIS & BRAZIL Ave extending th SE and alg SW Brazil Ave 50 x SW 24.8 known as 301 Paris. W. B. Jefferson (as Greater City Lbr Co.) vs Guiseppi and Grace Silvestri and W. J. Simonelli.....	\$26.75
May 16, 1928—W FORESTER AVE 150 N Mangels Ave N 25 x W 100. Frank Hanson vs Francis J. Foster, Francis J. and Laura B. Foster.....	\$285
May 16, 1928—LOTS 42, 43 BLK 8 Map Sunnyside. Ewald A. and George W. Nilsson (as New Balboa Mill Co.) vs F. J. and Laura B. Foster.....	\$391.30
May 16, 1928—W 14th AVE 100 N SANTIAGO N 25 x W 114. Holmes Lime & Cement Co. vs Paul Morel, Hilda and Victor Rose.....	\$55.05
May 16, 1928—W 14th AVE 100 N SANTIAGO N 25 x W 114. Holmes Lime & Cement Co. vs Paul Morel, Hilda and Victor Rose.....	\$62.25
May 16, 1928—W 14th AVE 125 N SANTIAGO N 25 x W 114. Holmes Lime & Cement Co. vs Paul Morel, Hilda and Victor Cox.....	\$55.06
May 16, 1928—W 14th AVE 100 N SANTIAGO N 25 x N 114. Western Lime & Cement Co. vs Paul Morel, Hilda and Victor Rose.....	\$31.11
May 16, 1928—W 14th AVE 125 N SANTIAGO N 25 x N 114. Western Lime & Cement Co. vs Paul Morel, Hilda and Victor Rose.....	\$30.11
May 17, 1928—W FOERSTER 50 N Mangels Ave n alg W Foerster 25 x W 100 Lot 42 Blk 8 Sunnyside Sub. A. Nelson vs Francis J. Foster.....	\$57.50
May 17, 1928—W FOERSTER 25 N Mangels Ave n alg W Foerster 25 x W 100 Lot 43 Blk 8 Sunnyside Sub. A. Nelson vs Francis J. Foster.....	\$57.50
May 17, 1928—S FREDERICK 50 E Masonic Ave E alg S Frederick dist 25 x S 63 known as 31, 33, 35 Frederick St. American Hardwood Agencies vs Llewellyn De Cew.....	\$241.29
May 17, 1928—S PARIS & BRAZIL SW 24.8 x SE 50 lot 42 blk 6081. S. Leibovitch & S. Cazzola (as National Sheet Metal Works) vs Guiseppi and Grace Silvestri and A. J. Simonelli.....	\$46
May 17, 1928—NE BUSH & OCTAVIA E alg N Bush 30 N 120 to S Austin W 30 to E Octavia S 120 to N Bush and pt of beg being ptn WA 159. Victoria. H. T. W. A., Stenhen, and Eugene I. Mariani (as S. Mariani & Sons) vs William L. Penzner.....	\$664.88
May 17, 1928—NE OCTAVIA E alg N Bush 30 x N 120 to S Austin WA 159. R. De Luca and John De Luca and Son vs W. L. Penzner.....	\$6,040
May 17, 1928—50x100 on W FOERSTER dist 25 N Mangels being lots 42 and	

43 Map Sunnyside. F. G. Normann & Sons vs F. J. Foster and Laura Foster.....	\$126.65
May 17, 1928—W CHURCH 114 S 21st St S 25 x W 101.9. J. H. Kruse vs K. G. and Augusta Erickson and Morris Berman.....	\$216.46
May 17, 1928—NE MALLORCA WAY & NE and NW line Alhambra rung N 55° 50' 14" W alg NE line Mallorca Way 50.194 N 39° 9' 46" E 100 S 55° 50' 14" 61.406 to NW line Alhambra SW al east line 100.636 to beg. Sudden Lbr Co vs Bessie Cooley.....	\$4,500.23
May 18, 1928—E 17th AVE 125 N VICENTE N 25 x E 120. Pacific Mill & Cabinet Co. vs Bernhard Karl.....	\$398
May 18, 1928—E LYON 100.067 N Chestnut E 147.701 N 77.6 W 146.329 S 37.526 to beg. Joseph Baldacci and Joseph Gaddini (as Baldacci & Gaddini) vs G. Cristinia, A. P. Ratto and R. Matteucci and wife.....	\$1,000
May 18, 1928—S PINE 92 E STOCKTON E alg S Pine 45-6 S 80 W 20 2-6 W 25-6 N 77-6 ptn 50 V B 117. L. A. Hufschmidt (as L. A. Hufschmidt Co.) vs E. V. Lacey and May 18, 1928—S PARIS & BRAZIL SW Lacey Investment Co.....	\$546
24.8 x SE 50 lot 43 blk 6081. Albert Dean vs Guiseppi and Grace Silvestri and A. J. Simonelli.....	\$73.50
May 18, 1928—E 17th AVE 150 N VICENTE N 25 x E 120. Pacific Mill & Cabinet Co. vs Bernhard Karl.....	\$98
May 18, 1928—S GEARY 120 W LARKIN W 40 x S 120 to N Myrtle. L. A. Hufschmidt (as L. A. Hufschmidt Co.) vs E. V. and Veronica E. Lacey and Milan and Elthea Vukicevich.....	\$900
May 18, 1928—SW DIVISADERO and Beach S 50 x W 81-6. W. P. Fuller & Co. vs Bessie Cooley.....	\$674.25
May 19, 1928—E 17th AVE 125 N VICENTE N 25 x E 120. The California Door Co. vs Bernhard Karl.....	\$126.50
May 19, 1928—E 17th AVE 150 N VICENTE N 25 x E 120. The California Door Co. vs Bernhard Karl.....	\$126.50
85. F. G. Parker, Jr. (as Parker INGTON W alg N 21st St 52-6 x N 85. T. G. Parker Jr. (as Parker Weather Strip Co.) vs E. V. Lacey.....	\$450
May 22, 1928—SW BRUNSWICK and Curtis S 90 x W 30. Paul N. Johnson vs Gus Johnson.....	\$300
May 22, 1928—W DIVISADERO 34-6 S Grove S 52 x W 110. Lally Co. vs Frederick L. Doble.....	\$325.05
May 21, 1928—NW FELL & BUCHANAN W alg Fell 55 x N 120. Golden Gate Iron Works vs Fred Hechter.....	\$825.09
May 19, 1928—SW DIVISADERO and Beach S 50 x W 87-6 lot 1 blk 919. M. Cagnacci and E. Lombardi (as Western Concrete Co.) vs R. J. and Edna A. Stempel and Bessie Cooley (as Stempel & Cooley).....	\$400
May 19, 1928—E DIVISADERO 150 S Marina Blvd. S 25 x E 106-3. Western Lime & Cement Co. vs G. Kingston and Edith W. Griffith.....	\$380.69
May 21, 1928—SE VALENCIA and 15th S 45 x E 100. Reinhart Lumber and Planing Mill Co. vs Jules and Jane Doe Bessette.....	\$1983.30
May 21, 1928—S RIVERA 120 E 19th Ave E 30 S 27-3½ m or l W 20 m or l N 138-3 m or l. Harry and Samuel Ginsberg (as Ginsberg Tile Co.) vs W. Swift.....	\$248.75
May 21, 1928—W FILLMORE 125 S Beach known as 3665 Fillmore (W Fillmore 125 S Beach alg W Fillmore 50 W 124.547 N 37.015 N 16.453 E 140 WA 337). Oscar R. Thayer vs Elliot Building Company and Alexander Elliot.....	\$475
May 19, 1928—S PARIS & BRAZIL AVE. SW 50 x SE 24-8. G. B. de Lucchi vs Giuseppe and Grace Silvestri.....	\$350
May 21, 1928—E DIVISADERO 150 S Marina Blvd. S 25 E 106-3 N 15 E 25 N 10 W 131-2. Holmes Lime & Cement Co. vs G. Kingston & Edith W. Griffith.....	\$93.75

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
May 17, 1928—E PENNSYLVANIA AVE 60 N 22nd alg E Pennsylvania AVE 100 S 104-4 m or l to pt dist N 133-6 from N 22nd measured at right angles thereto dist 100 E from E Pennsylvania AVE measured at right angles thereto S and parl to E Pennsylvania AVE 73-6 x W 100, being ptn PN 320. G. Parodi to Mariano and Bonifacia Esteberg.....	

May 17, 1928—SW JEFFERSON and Scott S 50 x W 93-9. Harry R. Corlett, Geo. R. Nelson and R. J. Mullin to Louis R. and Brigit Anderson.....	
May 17, 1928—S GROVE 175 E DIVISADERO E 38 x S 100. Malott & Peterson to Harry R. and Bernice T. Sorenson.....	
May 17, 1928—S GROVE 175 E DIVISADERO E 38 x S 100. Thomas McKee and James McKee to H. R. Sorenson, Harry R. and Bernice L. Sorenson.....	
May 21, 1928—E 32nd Ave. 420 N California N 30 x E 120. C. E. McDonald to Roy W. and Alvalyn S. Gilmore.....	

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
1147	Clark	Westlund	\$2220
1148	Charles	Owner	4500
1149	Connally	Owner	1000
1150	Panner	Owner	4200
1151	Pinkinton	Owner	5500
1152	Woodburn	Owner	9975
1153	Aluminum	Schneby	1696
1154	Davis	Owner	5500
1155	Gantz	Owner	7500
1156	Pacific	Lindberg	25000
1157	Burritt	Owner	5200
1158	Hall	Owner	3700
1159	Legrus	Owner	3100
1160	Bonds	Owner	6000
1161	Bachelor	Smith	5500
1162	Cook	Weeks	3100
1163	Nevenhuysen	Nevenhuysen	1100
1164	Mullen	Williams	45000
1165	Oakland	Siegrist	48000
1166	Pedone	Tomassello	1500
1167	Freeman	Olsen	5000
1168	Dowling	Owner	3500
1169	Scolari	Giannoni	19000
1170	Arnold	Goad	3500
1171	Berger	Owner	2400
1172	Cambra	Warner	3000
1173	Forster	Forster	35000
1174	20th Century	Diggs	150000
1175	Davidson	Owner	4500
1176	French	Waller	3200
1177	Eberhardt	Thornton	6000
1177	Uxa	Krosca	10200
1178	Dubeau	Owner	14000
1179	Bekins	Rainey	12300
1180	Schneider	Owner	6400
1181	Oakland	Owner	8000
1182	California	Owner	4500
1183	Leberer	Durgin	4000
1184	Perry	Owner	1500
1185	Dixon	Owner	4250
1186	Mignono	Manch	3500
1187	Walsh	Williams	7000
1188	Blackman	Boeddeker	4250
1189	Maraccini	Benassini	5000
1190	Oak Knoll	Knowles	4000
1191	Oakland Overall	Spivock	7000
1192	Pac. T. & T.	Doty	3200

RESIDENCE & GARAGE (1147) 11 MUIR AVE., Piedmont; 2-story 14-room frame residence and garage. Owner—A. W. Clark, 6 Lorita Ave., Piedmont. Architect—Claude B. Barton, 522 Grand Ave., Oakland. Contractor—F. J. Westlund, 625 40th St., Oakland \$52,220
--

RESIDENCE (1148) 565 SAN LOUIS RD., Berkeley; 1-story 6-room 1-family residence. Owner—Cora Charles, 2027 Los Angeles Ave., Berkeley. Architect—W. Brodrick, 607 Koerber Bldg., Berkeley. \$4500
--

ALTERATIONS (1149) 3070-84 Claremont Ave., Berkeley; alterations. Owner—Glenn Connally Co., 2337 Shattuck Ave., Berkeley. Architect—None. \$1000
--

RESIDENCE (1150) 1723 PARKER ST., Berkeley; 1-story 6-room 1-family residence. Owner—F. G. Fauner, Napa, Cal. Architect—G. M. Starr, 2019 Delaware St., Berkeley. \$4200
--

RESIDENCE (1151) 30 ARVIS RD., Berkeley; 1-story 6-room 1-family residence. Owner—J. A. Pinkinton, 1921 Berryman St., Berkeley. Architect—W. W. Dixon, 1844 5th Ave., Oakland. \$5500

RESIDENCE & GARAGE

(1152) 26 PACIFIC AVE., Piedmont; 2-story 8-room frame residence and garage.
Owner—P. E. Woodburn, 624 Prospect Rd., Oakland.
Architect—None. \$9975

GARAGE

(1153) SW COR 46th & LINDEN STS., Oakland; 1-story tile garage.
Owner—Aluminum Cooking Utensil Co., premises.
Architect—None.
Contractor—H. W. Schnebly, 6th & Jackson Sts., Oakland. \$1696

DWELLING

(1154) E 75th AVE., 80 S NEY AVE., Oakland; 1-story 10-room 5-family dwelling.
Owner—S. A. Davis, 7506 Ft. Blvd., Oakland.
Architect—None. \$5509

FACTORY

(1155) NW COR 32nd & WOOD STS., Oakland; 1-story factory.
Owner—J. I. Gantz, 2230 Peralta St., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland. \$7500

WAREHOUSE

(1156) W PINE ST., S 12th ST., Oakland; 1-story brick and concrete warehouse.
Owner—Pacific Coast Canning Co., 12th & Pine Sts., Oakland.
Architect—None.
Contractor—Lindgren & Swinerton, 225 Bush St., S. F. \$25,000

DWELLING

(1157) NO. 5421 BRANN ST., Oakland One-story 6-room dwelling and one-story garage.
Owner—O. L. Burritt, 427 63rd St., Oakland.
Architect—None. \$5200

DWELLING

(1158) NO. 10706 BEVERLY AVE., Oakland. One-story 6-room dwelling and one-story garage.
Owner—Edward W. Hall, 981 Manthey Ave., San Leandro.
Architect—None. \$3700

DWELLING

(1159) NO. 2509 E-TWENTY-FIRST ST., Oakland. One-story 5-room dwelling and one-story garage.
Owner—V. J. Legris, 2329 E-26th St., Oakland.
Architect—None. \$3100

RESIDENCE

(1160) 2330-32 VIRGINIA ST., Berkeley; 1-story 11-room 2-family residence.
Owner—Milton S. Bonds, 2352 Virginia St., Berkeley.
Architect—None. \$6000

RESIDENCE

(1161) 1947 YOSEMITE AVE., Berkeley; 1-story 6-room 1-family residence.
Owner—L. Bachelor, 3026 Colby Ave., Berkeley.
Architect—J. Hudson Thomas, Mercantile Bank Bldg., Berkeley.
Contractor—J. H. Smith, 677 Santa Barbara Road, Berkeley. \$5500

DWELLING & GARAGE

(1162) W 90th AVE., 165 N B ST.; 1-story 4-room dwelling and 1-story garage.
Owner—Dr. Thomas Cook, Channing Way and Telegraph Ave., Berkeley.
Architect—None.
Contractor—R. H. Weeks, 274 Peralta Ave., San Leandro \$3000 and \$1000

ALTER & GARAGE

(1163) 1777 83rd AVE., Oakland; alter & 1-story garage.
Owner—Mary E. Nevenhuysen, 1777 83rd Ave., Oakland.
Architect—None.
Contractor—W. W. Nevenhuysen, 1777 83rd Ave., Oakland \$1000 and \$1000

APTS. & STORES

(1164) S 9th ST., 100 W BUSH ST., Oakland; 4-story 26-room concrete apartments and stores
Owner—Geo. C. Mullen, 337 15th St., Oakland.
Architect—None.
Contractor—Chas. C. Williams, 357 15th St., Oakland. \$45,000

WAREHOUSE

(1165) S 4th ST., 75 E HARRISON ST., Oakland; 3-story concrete warehouse.
Owner—Oakland Wholesale Grocery Co., 4th and Harrison Sts., Oakland.
Architect—N. B. Green, 506 Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist Co., 693 Mission St., San Francisco \$48,000

STORE

(1166) 1035 HEINZ ST., Berkeley; 1-story 1-room store.
Owner—S. Pedone, 2833 9th St., Berkeley.
Architect—None.
Contractor—F. Tomasello, 922 Bancroft Way, Berkeley. \$1000

DWELLING

(1167) 2331 YOSEMITE DRIVE, Alameda; 1-story 5-room dwelling, stucco finish.
Owner—Corra M. Freeman, Alameda, Cal.
Architect—None.
Contractor—J. M. Olsen, 974 Park St., Alameda. \$5000

DWELLING

(1168) 2805 CLAY ST., Alameda; 1-story 5-room dwelling, stucco finish.
Owner—S. J. Dowling, 2801 Clay St., Alameda.
Architect—Owner. \$3500

APT. BLDGS.

(1169) 2305 A, B, C, D, and 2309 A, B, C, D, Acton Sts., Berkeley; two 1-story 13-room 5-family apt. bldgs., and 9 class C garages.
Owner—E. Scolari, 3512 Laguna St., Oakland.
Architect—S. H. Vere, 2057 87th Ave., Oakland.
Contractor—V. Giannoni, 2328 Curtis St., Berkeley. \$9000 each and \$1000 garages.

DWELLING

(1170) 3216 MORCOM AVE., Oakland; 1-story 5-room dwelling.
Owner—Henry W. Arnold, 355 17th St., Oakland.
Architect—None.
Contractor—A. J. Goard, 355 17th St., Oakland. \$3500

DWELLING

(1171) S CONGRESS AVE., 80 E HIGH, Oakland; 1-story 5-room dwelling.
Owner—Adolph Berger, 4515 Congress Ave., Oakland.
Architect—None. \$2400

DWELLING

(1172) 2825 VIOLA ST., Oakland; 1-story 5-room dwelling.
Owner—Mary Cambra, 3034 Adeline St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. \$3000

APARTMENTS

(1173) NW COR. FRUITVALE & E 23rd St., Oakland; 3-story 36-room apartments.
Owner—James and Elinor Forster, 4609 Dolores Ave., Oakland.
Architect—None.
Contractor—James S. Forster, 4609 Dolores Ave., Oakland. \$35,000

MARKET

(1174) NW COR. 13th & JEFFERSON STS., Oakland; 1-story br. market.
Owner—20th Century Market Inc., Latham Square Bldg., Oakland.
Architect—None.
Contractor—M. I. Diggs, Latham Square Bldg., Oakland. \$150,000

RESIDENCE

(1175) 557 SAN LOUIS ROAD; 1-story 6-room 1-family residence.
Owner—Melvin Davidson, 1417 California St., Berkeley.
Architect—W. Brodrick, 607 Koerber Blvd., Berkeley. \$4500

RESIDENCE & GARAGE

(1176) 854 HILLDALE AVE., Berkeley; 1-story 5-room 1-family residence and garage.
Owner—O. M. French, 2029 Shattuck Ave., Berkeley.
Architect—None.
Contractor—H. I. Wallers, 461 66th St., Oakland. \$3200

RESIDENCE

(1177) 90 AVENIDA DRIVE, Berkeley; 1-story 6-room 1-family residence.
Owner—Fred Eberhardt, 319 Richfield Oil Bldg., Oakland.

Architect—None.

Contractor—O. W. Thornton, 319 Richfield Oil Bldg., Oakland. \$6000

FLATS, STORES, GARAGE

(1178) 1768-72-74 SOLANO AVE., Berkeley; 2-story frame and stucco (4) flats, 2 stores and garage.
Owner—Jos. Uza, Hotel Whitecotton, Berkeley.

Architect—None.

Contractor—E. I. Krosca, 867 57th St., Oakland. \$10,200

APARTMENTS

(1179) SE COR. FAIRBANKS & WARFIELD, Oakland; 2-story 18-room apartments.
Owner—Jos. Dubeau, 45 Ronda Ave., Oakland.
Architect—None. \$14,000

GARAGE

(1179) E BRUSH ST. 60 S 22nd ST., Oakland; 1-story tile garage.
Owner—Bekins Van & Storage Co., 22nd and San Pablo Ave., Oakland.
Architect—F. E. Barton, Crocker Bldg., San Francisco.
Contractor—Wm. A. Rainey & San, 323 Clementina St., San Francisco. \$12,300

DWELLINGS & GARAGES

(1180) 3912, 2916 VALE AVE., Oakland; two 1-story 5-room dwellings and two 1-story garages.
Owner—John E. Schneider, 3915 High St., Oakland.
Architect—None. \$3200 each

ALTERATIONS

(1181) NE COR. PARK BLVD. & Hopkins St., Oakland; alterations.
Owner—The Oakland Bank, Oakland.
Architect—Geo. O'Brien, Federal Telegraph Bldg., Oakland. \$8000

STEEL TANKS

(1182) FOOT OF DENNISON ST., Oakland; steel tanks.
Owner—California Petroleum Corp., 311 California St., San Francisco.
Architect—None. \$4500

FLATS

(1183) NW COR. E 15th ST. and 22nd Ave., Oakland; 2-story 8-room flats.
Owner—Geo. Leberer, 1622 Foothill Blvd., Oakland.
Architect—None.
Contractor—F. W. Durgin, 3922 La Cresta Ave., Oakland. \$4000

ALTERATIONS

(1184) 414 13th ST., Oakland; alterations.
Owner—Perry Estate, 414 13th St., Oakland.
Architect—None. \$1500

RESIDENCE

(1185) 880 ENSENARDO AVE., Berkeley. Two-story 6-room 1-family residence.
Owner—Constance G Dixon, 59 Northampton Road, Berkeley.
Architect—H. W. Dixon, 59 Northampton Road, Berkeley. \$4250

RESIDENCE

(1186) NO. 1317 SANTA FE AVE., Berkeley. One-story 5-room 1-family residence.
Owner—Joe Mignono, 1428 Miles Ave., Oakland.
Architect—None.
Contractor—Charles Maneth, 1201 Stanage Ave., Berkeley. \$3500

RESIDENCE

(1187) NO. 1697 VISALIA AVE., Berkeley. Two-story 7-room 1-family residence.
Owner—J. R. Walsh, Ramona Ave., Berkeley.
Architect—None.
Contractor—H. E. Williams, 1606 Cavanagh Road, Oakland. \$7000

FACTORY

(1188) E 42nd AVE., 125 NE-12th St., Oakland; 1-story tile factory and 1-story factory.
Owner—E. L. Blackman Co., 305 High St., Oakland.
Architect—None.
Contractor—Jos. Boeddeker, 1814 34th Ave., Oakland. \$4250

DWELLING & STORES

(1189) W SHAFTER AVE., 100 S 42nd St., Oakland; 1-story 4-room dwelling and stores.

wner—Alberto Maraccini, 821 47th St., Oakland.
rchitect—None.
ntractor—Pio Benassini, 580 46th St., Oakland. \$5000

ADDIE HOUSE
(190) GORE MOUNTAIN BLVD. and Sequoyah Road, Oakland; 1-story concrete caddle house.
wner—Oak Knoll Country Club, premises.
rchitect—None.
ntractor—Wm. Knowles, 1214 Webster St., Oakland. \$4000

AUNDRY
(191) W HARLAN ST., 91 N 34th St., Oakland; 1-story brick laundry and 1-story br. laundry.
wner—Oakland Overall Laundry, 3501 Peralta St., Oakland.
rchitect—None.
ntractor—Spivock & Spivock, Hobart Bldg., S. F. \$7000

LOADING PLATFORM
(192) 1300 57th AVE., Oakland; loading platform.
wner—Pacific Telephone & Telegraph Co., no address.
rchitect—None.
ntractor—Ed Doty & Son, 354 Hobart St., Oakland. \$3200

Rafters on\$2432.25
Rough plastered 2432.25
When completed 2432.25
Usual 35 days 2432.25
TOTAL COST, \$9729.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLAT BLDG.
(151) PTN LOTS 11 and 12 BLK 24, Map of San Antonio, being NW E 15th St. and 22nd Ave., Oakland; all work 2-story frame flat building.
Owner—George Leberer, 1622 Foothill Blvd., Oakland.
Architect—None.
Contractor—F. W. Durgin, 3922 La Cresta Ave., Oakland.
Filed May 23, 1928. Dated May 18, 1928.
When roof is on\$ 500
First coat of plaster 500
On completion 500
35 days after completion 2900
Note and Tr. Deed for 2900
TOTAL COST, \$4,900
Bond, sureties, none; forfeit, \$100 per day; limit, 90 days; plans and spec. not filed.
NOTE—Permit applied for today.

COMPLETION NOTICES

Alameda County

Recorded Accepted
May 18, 1928—LOT 3 BLK 4, Brookdale Terrace, Oakland. S F Groom to whom it may concern.....May 18, 1928
May 18, 1928—SE TWENTY-FOURTH and Peralta Sts., Oakland. East Bay Iron & Metal Co to Spivock & Spivock May 17, 1928
May 18, 1928—LOT 14 BLK 2, Lakemont, Oakland. J W Lorimer to Walter H. Anderson.....May 3, 1928
May 18, 1928—PTN LOT 15 BLK 2, Haddon Hill, Oakland. J W Lorimer to Walter H. Anderson.....May 3, 1928
May 18, 1928—S GLENDOME CIRCLE 155 W Glendora, Oakland. F A Heroux to whom it may concern.....
May 18, 1928—NO. 1515 SEVENTYNINTH AVE., Oakland. F C Duerr to James Allan.....May 17, 1928
May 17, 1928—4021 WATERHOUSE RD., Oakland. A. H. Monez to A. H. Monez.....May 15, 1928
May 17, 1928—4015 WATERHOUSE RD., Oakland. A. H. Monez to A. H. Monez.....May 15, 1928
May 17, 1928—LOT 27 BLK 5, Map of Meek Estate Orchards, Haywards. A. R. West to A. R. West.....April 1, 1928
May 17, 1928—2125 HEARST ST., Berkeley. J. Sexton to whom it may concern.....May 8, 1928
May 17, 1928—LOT 6 BLK A, lots 5 and 6 Blk B, lots 2 and 4 Blk D, Melrose Gardens, Oakland. Edward J. Johnson to whom it may concern.....May 15, 1928
May 17, 1928—1729 CORNELL DRIVE, Alameda. Edwin W. Dahl to whom it may concern.....May 17, 1928
May 17, 1928—9860 SCOTT ST., Oakland. Leslie C. Botkins to whom it may concern.....May 16, 1928
May 15, 1928—N ORCHARD ST 150 ft W of Summit St., Oakland. Peralta Hospital Inc., fmyl Hillcrest Hospital Inc. to W. H. Picard.....May 11, 1928
May 15, 1928—LOT 44 MOUNT VERNON PARK TRACT, Oakland. Noel L. Gaubert to whom it may concern.....May 12, 1928
May 22, 1928—LOT 93 LAKESTOWN Manor Tract, Oakland. G. F. Mackinson to A. J. Yerrick.....May 21, 1928
May 22, 1928—1st STREET bet. Bay and Franklin, Oakland. Southern Pacific Co. to Hutchinson Co.....May 16, 1928
May 22, 1928—EMERYVILLE, Alameda Co., Cal. Southern Pacific Co. to Hutchinson Co.....May 16, 1928
May 22, 1928—S LINE PARTRIDGE Ave. 349.68 ft. E of Ney Ave., Oakland. August Roseberg to whom it may concern.....May 21, 1928
May 22, 1928—NE COR. LAKE & MADISON Sts., Oakland. Madison-Lake Corn. to J. A. Brvant.....May 16, 1928
May 21, 1928—LOTS 19-20-21 BLK 3, Fruitvale Orchard Terrace, Oakland. Fredrik Gervolstad to whom it may concern.....May 19, 1928
May 21, 1928—1718 STUART ST., Berkeley. J. V. Rice to A. W. Lukes.....May 21, 1928
May 21, 1928—LOT 40 BLK 11, Map of Las Palmas, Oakland. Jacob Thorsen to whom it may concern.....May 12, 1928
May 21, 1928—1245 BERKELEY WAY, Berkeley. S. M. Shapero to whom it

may concern.....May 18, 1928
May 19, 1928—PTN LOTS 11 and 12, Lamp Tract, Oakland. Katharina Berger to Jos. Flittner.....May 18, 1928
May 19, 1928—LOTS 27 and 28 BLK 14 Key Route Heights, Oakland. M. P. Amaro to whom it may concern.....
.....May 18, 1928
May 18, 1928—NO. 1002 MOUND ST., Alameda. Julius J Grodem to whom it may concern.....May 17, 1928
May 18, 1928—NO. 1615 MORELAND Drive, Alameda. Adolph Morgensen to whom it may concern.....May 16, 1928
May 18, 1928—LOTS 136 AND 137, Montera, Oakland. H J and Margaret D Bemiss to E A Anloff.....May 10, 1928
May 18, 1928—W BROADWAY 180 S Bay Island Ave., Alameda. Noble F Justice to whom it may concern.....May 16, 1928

LIENS FILED

Alameda County

Recorded Amount
May 21, 1928—LOTS 280 and 281 Madison Square, Oakland. Leo Greenhood Elec. Co. vs E. J. McCord.....\$40
May 19, 1928—LOT 25 and PTN LOT 36 map of a ptn of the property of Mrs. Elizabeth J. Hyde, Oakland. Piedmont Sheet Metal Works vs T. M. and Alma M. Christie, and H. A. Norton\$770
May 18, 1928—LOTS 280-281, Madison Square, Oakland. George A Murry vs E J McCord.....\$75
May 18, 1928—LOTS 12 AND 13 BLK C Bella Vista Park, Oakland. George Greenwood vs J S Wiggins.....\$596.48
May 17, 1928—LOT 266, Unit C, Oak Knoll, Oakland. Frank Lopez vs Chas. C. Lundberg.....\$152.41
May 17, 1928—LOT 294, Unit C, Oak Knoll, Oakland. Central Bldg. Material Co. vs D. J. Kiernan.....\$96.80
May 16, 1928—LOT 38 BLK 12, Chevrolet Park, Oakland. The California Door Co. vs Harry A. Smith.....\$154
May 15, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. W. L. Saxby, \$167; Peerless Stucco Co., \$206.60, vs J. S. Wiggins.....
May 14, 1928—LOT 19 BLK L, Amended map of Moss Tract, Oakland. F. E. Graw vs Victoire J. and J. C. Gordon\$54.86
May 14, 1928—LOT 44 WOODLAWN PARK, Oakland. Roberts Mfg. Co. vs The Barry Building Co. and Geo. Taylor\$161.79

RELEASE OF LIENS

Alameda County

Recorded Amount
May 16, 1928—2624 79th AVE., Oakland. Tilden Lbr & Mill Co. to W. A. Thayer\$531.95
May 16, 1928—2618 79th AVE., Oakland. Tilden Lbr & Mill Co. to W. A. Thayer\$725.39
May 19, 1928—1142 107th AVE., Oakland. Boorman Lbr Co. to Lee J. Watts\$41.44

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
LOT 12 BLK 12, Baywood. All work for two-story frame and stucco residence and garage.
Owner—C. C. Mallory et al, 841 Warfield St., Oakland.
Architect—None.
Contractor—George J. Mauer, 50 York Drive, Piedmont.
Filed May 15, '28. Dated April 28, '28.
Frame up\$3000
Brown coated 3000
Completed 3000
Usual 35 days..... 3000
TOTAL COST, \$—
Bond, none. Limit, 100 working days. Forfeit, plans and specifications, none.

BUILDING PERMITS

SAN MATEO

TWO-STORY residence, \$10,000; lot 4 blk 13 Cornell St., San Mateo; owner, George Bros., 2040 16th Ave., San

BUILDING CONTRACTS

Alameda County

47 Quarte Kurtz 15100
48 First Christian Bryant 89500
49 Realty Wallstrum 10892
50 Dewey Anderson 9729
51 Leberer Durgin 4900

RESIDENCE
(147) LOT 20 INDIAN GLENN TRACT, Oakland; all work 2-story residence.
Owner—William L. Duarte, 1675 E 14th, San Leandro.
Architect—Williams & Wastell, 374 17th St., Oakland.
ntractor—F. A. Kurtz, 264 41st St., Oakland.
Filed May 17, 1928. Dated April 2, 1928.
When frame is up.....\$3,02
When brown coated.....3,020
When ready for paint.....3,020
When completed.....3,020
Usual 35 days.....3,020
TOTAL COST, \$15,100
Bond, sureties, forfeit, none; limit, 100 days; plans and spec. filed.

CHURCH
(148) SW TWENTY-NINTH ST. AND Fairmont Ave., Oakland. All work for church building.
Owner—First Christian Church of Oakland also known as Church of Christ
Architect—W. H. Weeks, Hunter-Duhin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bk of Italy Bldg., San Jose.
ntractor—J A. Bryant, 1924 Broadway, Oakland.
Filed May 19, '28. Dated May 14, '28.
As work progresses.....75%
Usual 35 days.....Balance
TOTAL COST, \$89,500
Bond, \$44,750. Surety, Commercial Casualty Ins. Co. Limit, 175 days. Forfeit, plans and specifications, none.

RESIDENCE
(149) LOTS 1628-1629-1630-1631 and 1632 Smith Reserve, Oakland. All work for two-story residence and garage.
Owner—Realty Syndicate Co., Syndicate Bldg., Oakland.
Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.
ntractor—P. T. Wallstrum, 2252 Ashby Ave., Berkeley.
Filed May 21, '28. Dated May 18, '28.
Frame up\$2723
Brown coated 2723
When completed 2723
Usual 35 days..... 2723
TOTAL COST, \$10,892
Bond, \$5446. Surety, Hartford Accident & Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed

RESIDENCE
(150) LOT 17 BLK H, Fernside Terrace, Alameda. All work for frame residence.
Owner—Susan J. Dewey.
Architect—None.
ntractor—Walter H. Anderson, 1014 Doris Court, Alameda.
Filed May 21, '28. Dated May 21, '28.

Mateo; architect, Grimes & Scott, 217 Balvoich Bldg.
 TWO-STORY residence, \$10,000; lot 7 blk 13 Cornell St., San Mateo; owner, George Bros., 2040 16th Ave., San Mateo; architect, Grimes & Scott, 217 Balvoich Bldg.
 ALTER residence, \$1350; lot 7 blk 25, 339 No. C., San Mateo; owner, Paul Silva 330 No. C., San Mateo; contractor, R. E. Broderick, 130 12th Ave.
 DWELLING, \$5000; lot 13 blk 19 E St & 9th and 10th St., San Mateo; owner, Antonio Pellezzler, 6 No. E St., San Mateo; contractor, Ashley Powers, 515 So. H., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
 May 16, 1928—LOT 5 PART LOT 4 Blk 3, Metropolis Homestead Tract, San Mateo, Metropolis Homestead Co to Harry A. Dilks.....May 14, 1928
 May 16, 1928—LOT 19 BLK 21, Town of Burlingame, Jas A. Madden et al to whom it may concern.....May 16, 1928
 May 16, 1928—LOTS 5 AND 6 BLK 13, Baywood, Bernard E. George to whom it may concern.....May 16, 1928
 May 17, 1928—LOTS 4 AND 5 BLK 1, Huntington Park, H B Feddersen to whom it may concern.....May 16, 1928
 May 17, 1928—LOT 30 BLK 4, Ravenswood Villa, San Mateo, J H Stubbs to whom it may concern.....May 16, 1928
 May 17, 1928—LOTS 3, 4, 5 AND 6, Vista Grand, Paul E Duerner to whom it may concern (4 completions).....May 14, 1928
 May 17, 1928—LOT 5 BLK 3, Baywood, Lengfeld & Olund to whom it may concern.....May 15, 1928
 May 15, 1928—PT LOTS 1 and 2 BLK 18 San Carlos, San Mateo, John W. Rutherford to whom it may concern.....May 5, 1928
 May 14, 1928—LOT 29 BLK 4 Burlingame, Florence Stratton to G. W. Williams Co.....May 10, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 May 17, 1928—LOT 10, Barry Park, San Mateo, D & S Lumber Co vs J H Stephenson et al.....\$1751.66
 May 17, 1928—LOT 45 BLK 21, Vista Grande Tract, H H Smith vs Hardiman & O'Connor.....\$1129.65
 May 18, 1928—LOT 45, BLK 29, Vista Grande, J K Nulloy vs Francis E O'Connor.....\$192.50
 May 14, 1928—LOT 2? Palehms Tract, A. P. Hundwadt vs Richard E. Giller et al.....\$207

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Accepted
 May 15, 1928—LOTS 12 and 13 BLK 2, Brookhaven, San Mateo, W. S. Wetenhall alias et al to G. Blomberg et al.....full amount
 May 15, 1928—LOTS 12 and 13 BLK 2, Brookhaven, San Mateo, San Carlos Lbr. Co. to G. Blomberg et al.....full amount
 May 17, 1928—PART LOT 5, Valpariso Park, San Mateo, H G Colton to W B Simpson.....\$1226.50

BUILDING PERMITS

SAN JOSE

OFFICE & addn. to Industrial bldg., \$8490 Julian and Pleasant Streets, San Jose; owner, Guggenheim Co., 150

California St., San Francisco; contractor, R. O. Summers, 17 N First St., San Jose.

SIX-ROOM residence, \$4585; Randol N. Morse, San Jose; owner, J. J. Schmidt, 113 Randol, San Jose; architect, Wolfe & Higgins, 19 N Second, San Jose; contractor, Herschbach & Marino, 498 Park, San Jose.

THREE-ROOM Cottage, \$1400, 22nd and N William, San Jose; owner, E. Stendahl, general delivery, San Jose; contractor, J. A. Weldon, 1331 Sherman, San Jose.

FIVE-ROOM Residence, \$4400; Riverside Drive N Bird, San Jose, owner, Mrs. Mabel Caldwell, 202 S Fourteenth, San Jose; contractor, Ira Brotzman, 5 Garfield, San Jose.

WAREHOUSE, \$3500; Stockton N Cinnabar, San Jose; owner, G. M. Latta, 25 Rhodes Court, San Jose; contractor, G. M. Latta, 25 Rhodes Court, San Jose.

SIX-ROOM Residence, \$6850; Emory N Park, San Jose; owner, Clyde Alexander, Box 326 Rt. A., R. F. D., San Jose; contractor, Clyde Alexander, Bx 326 Rt. A., R. F. D., San Jose.

FIVE-ROOM Residence, \$3950; Hull N Bird, San Jose; owner, G. L. Keesling, 90 N Fifth, San Jose; contractor, F. C. Nelson, 173 S First, San Jose.

FOUR-ROOM Residence, \$3000; St. John, Cor 30th, San Jose; owner, A. L. Crosby, 1073 Sherman, San Jose; contractor, A. L. Crosby, 1073 Sherman, San Jose.

BUILDING PERMITS

PALO ALTO

CLASS C reinforced concrete garage bldg. \$11,459; 430 High St., Palo Alto; owner, C. Widmann; architect, Birge M. Clark, 1525 Webster, Palo Alto; contractor, W. G. Goodenough, 210 University, Palo Alto.

FRAME, stucco residence, \$8000; 905 Forest Ave., Palo Alto; owner, O. Smith; contractor, H. Dabinett; 1741 Cawper Palo Alto.

STUDY and bath, \$1100; 1501 Stanford Ave., Palo Alto; owner, H. Wyatt, 1501 Stanford Ave., Palo Alto; contractor, L. A. Bachelder, 1152 Fulton, Palo Alto.

FRAME, stucco residence, \$3000; 351 Oxford St., Palo Alto; owner, O. J. Swan; contractor, Henry Miranda, 329 Pope St., Palo Alto.

REPAIR fire damage, \$4000; 130-134 University Ave., Palo Alto; owner, Miss A. Murphy, premises; contractor, L. A. Hinson.

RESIDENCE, duplex, frame and stucco, \$8000; No. 234-38 Ramona St., Palo Alto; owner, A. A. Andrade, Palo Alto; contractor, Charles Jedlicka Hobart St., Palo Alto.

BUILDING PERMITS

BURLINGAME

CLASS B building, \$14,000; lot 32 blk 16 Broadway, Burlingame; owner, P. F. Coyle, 1500 Burlingame; contractor, P. F. Reilly, 145 Occidental.

FOUR-DRIVE service station, \$1000; El Camino and Burlingame Ave.; owner, Standard Oil Co., Bellevue, San Mateo.

RESIDENCE and garage, \$18,250; lots 15, 16, 17½ and 18 Blk 34 Acasis Dr.; owner, D. F. Morley, 1920 Carmelita; contractor, S. A. Bom Bldg. Co.

BUNGALOW, \$6000; lot 3 blk 33 Cortez, Burlingame; owner, Mr. and Mrs. L. Schallich; contractor, C. W. Britt & Son.

BUILDING PERMITS

REDWOOD CITY

DWELLING, one-story frame, \$3300; No. 1186 Cleveland St., Redwood City; owner, T. Nelson, 761 Highway, Redwood City.

BUILDING PERMITS

STOCKTON

COMMUNITY Center building, \$30,000; No. 1345 N-Madison St., Stockton; owner, Jewish Community Center Assn.; contractor, L. S. Peletz, 619 E-Miner St., Stockton.

DYEING and cleaning plant, \$4000; No. 2315 N-California St., Stockton; owner, Mrs. Mary Rizzo; contractor, Frank Guyon, 1211 E-Main St., Stockton.

PRIVATE garage, remodel and add room, \$1000; No. 408 S-Yosemite St., Stockton; owner, Everett O'Neill, 408 S-Yosemite St., Stockton.

RESIDENCE and garage, \$3000; No. 1819 Ramona St., Stockton; owner, A. C. Dahl, 137 E-Pine St., Stockton.

RESIDENCE and garage, \$2800; No. 1759 Waterloo St., Stockton; owner, J. A. Gealey, 1431 N-Commerce St., Stockton; contractor, J. R. Leighton.

RESIDENCE and garage, \$3500; No. 27 East Ellis St., Stockton; owner, C. W. Medbury.

BUILDING PERMITS

RICHMOND

COTTAGE, frame, \$1900; S Cutting St., bet. 43rd and 45th Sts., Richmond; owner, Mrs. C. Outhout, 2868 Telegraph Ave., Oakland.

COTTAGE, E Carlston St., bet. Barrett and Silva Sts., Richmond; two-story frame and plaster cottage and garage; owner, Wm. Davis, 665 39th St., Richmond; contractor, T. P. Bolger, Tulare and Barrett Sts., Richmond.

COTTAGE, and garage, two-story frame and plaster, \$6000; W — St., bet. Barrett and Nevin Ave., Richmond; owner, Roy Marsh, 442 Key Blvd., Richmond; architect, A. W. Smith, Oakland; contractor, Barham Co., 1005 American Bank Bldg., Oakland.

COTTAGE, frame and plaster, \$6000; W 31st St., bet. Macdonald and Nevin Aves., Richmond; owner, D. Bertone 15 Antonio St., Richmond; contractor, T. P. Bolger, Tulare and Barrett Sts., Richmond.

COTTAGE and garage, 2-story frame and plaster, \$4000; W Key Blvd., bet. Roosevelt and Sierra Sts., Richmond; owner, Leo L. Nichols, 2044 High St., Oakland.

COTTAGE and garage, frame and plaster \$4600; E 32nd St., bet. Esmond and McBryde Sts., Richmond; owner, F. P. Zimmerman, 2337 Clinton St., Richmond; contractor, Geo. J. Gordon, 3120 Barrett St., Richmond.

AGE and garage, frame and plaster, \$3000; W 43rd St., bet. Roosevelt and Clinton Sts., Richmond; owner, B. Schapiro, 1126 Macdonald Ave., Richmond.

COTTAGE and garage, frame and plaster \$4000; W McLaughlin St., bet. McBryde and Glenn Sts., Richmond; owner, John Mohorovich, 1083 McLaughlin St., Richmond; contractor, F. Tomasello, 922 Bancroft, Berkeley.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

PACKING HOUSE
 LINDEN. All work for packing house. Owner—San Joaquin Valley Walnut Growers Association.
 Architect—None.
 Contractor—John J. Cavanagh, 279 N-Sutter St., Stockton.
 Filed May 18, '28. Dated May 16, '28.

TOTAL COST, \$19,581
 Bond, none. Limit, 90 working days.
 Forfeit, none. Plans and specifications filed.

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

BUILDING PERMITS

MARTINEZ

RESIDENCE, one-story 5-room stucco, \$3200; Alhambra St., bet. C and D Sts., Martinez; owner, S. Cobombo, Martinez; contractor, Tony Valentin, Martinez.
RESIDENCE, 5-room, stucco, \$4000; Lot 32 Blk 4, Martinez Park; owner, W. A. Larkin, Martinez.
RESIDENCE, 5-room frame, \$1500; Lot 7 Blk 83, Bet. Castro and Estudello Sts., Martinez; owner, S. F. Simi, Martinez.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 15, 1928—LOT 18 BLK 51, Seale Addition, Palo Alto. Maud Barker Neff to whom it may concern.....May 14, 1928
May 15, 1928—LOT 9 BLK 48, Palo Alto Geo D Difani to whom it may concern.....April 14, 1928
May 15, 1928—LOT 24 BLK 2, Cherry Land Tract, San Jose. Henry Wendt Jr et al to whom it may concern.....May 15, 1928
May 15, 1928—LOT 19 BLK 1, Restwood Park No. 1, San Jose. Rollie Williams et al to whom it may concern.....May 15, 1928
May 15, 1928—LOT 20 BLK 3, Hannah Hackett's Twin Oak Tct, Los Gatos Hannah D Hackett to whom it may concern.....May 8, 1928
May 15, 1928—NW SANTA CLARA & Sixth Sts., San Jose. San Jose Medico-Dental Bldg. Co., painting and decorating work; window shades and linoleum and tile work to whom it may concern.....May 2, 1928
May 16, 1928—SW BRYANT ST., bet. California and Santa Rita Sts., Palo Alto. Anna Belle Tempe to whom it may concern.....May 1, 1928
May 16, 1928—LOT 22 BLK 12, Interurban Park Tract, San Jose. J V Souza to whom it may concern.....May 2, 1928
May 17, 1928—N 50 FT. LOT 2 BLK 3 S R 3 E, Mt. View. J W Henry et al to whom it may concern.....May 10, 1928
May 17, 1928—W LINCOLN AVE at NE Cor. land of McCash NW 78.75 SW 200 NW 11 SW 0.73 th 44.30 to beg th 42.53 NW 182.80, Willow Glen C L Beatty to whom it may concern.....May 17, 1928
May 18, 1928—N 50 FT. LOTS 20, 21 and 22 Blk 19, Vendome Park, San Jose. James E Costa to whom it may concern.....May 18, 1928
May 18, 1928—S 1/2 LOT 34, Home Acres Subd., San Jose. Edward J Flattersack to whom it may concern.....May 8, 1928
May 18, 1928—PART LOT 12, Altos Acres on Hillview Ave, Los Altos. Grace S Fuller to whom it may concern.....May 16, 1928
May 15, 1928—W 110 LOT 3, Willow Half Acres, Willow Glen. Ira Bortzman to whom it may concern.....May 3, 1928
May 15, 1928—SE PINE AVE and SW Jonathan Ave, Willow Glen. Thomas G Gion to whom it may concern.....May 5, 1928
May 7, 1928—LOT 56, Barron Park, San Jose. Zilpa W Oram to whom it may concern.....May 3, 1928
May 8, 1928—LOT 4 BLK 7 R 7, South Mountain View. Le Roy Beddoe to whom it may concern.....April 30, 1928
May 8, 1928—SW MORSE AND NW Naglee Sts., San Jose. The College Park Methodist Episcopal Church to whom it may concern.....May 1, 1928
May 9, 1928—NE LATHAM ST 50 NW Mountain View Ave, Mt. View. James M Cochran et al to whom it may concern.....May 7, 1928
May 9 1928—ON 20.034 ACRES on central line Prospect Rd. Ptn Lots 16-17 Titus & Langtry Tract, San Jose. Kenneth C Carey et al to whom it may concern.....May 3, 1928
May 10, 1928—LOT 18 BLK 4, Rose Lawn, Burbank District, San Jose. Dora Giani to whom it may concern.....May 7, 1928
May 10 1928—W UNIVERSITY ST. 66 N Bellomy St. N 48xW 150 Ptn Sub Lot 29, Santa Clara. Velma Mc-

Kinsty to whom it may concern.....May 7, 1928
May 10, 1928—W FOURTEENTH ST. 275 N St. James St., San Jose. Sarah Beck to whom it may concern.....May 8, 1928
May 11, 1928—LOT 34 BLK 1, Restwood Park No. 2, San Jose. William Regel et al to whom it may concern.....April 30, 1928
May 11, 1928—NEAR SUNOL AND Sainsevain Sts., San Jose. (Steel frame). California Packing Corporation to whom it may concern.....May 8, '28
May 11, 1928—NE EMERSON ST. and NW Seale Ave NE 50xNW 100 ft. Ptn Lot 24 Blk 9, Seale Addition No. 2, Palo Alto. William A Bogess to whom it may concern.....May 9, 1928
May 12, 1928—HOMER AVE 150 NE Middlefield Road 50x200 ft. Ptn Lot 2 Blk 65, Palo Alto. James E Jackson to whom it may concern.....May 10, 1928
May 12, 1928—LOT 5, Sunnyside Park, San Jose. Herbert M Wagner et al to whom it may concern.....May 12, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 7, 1928—CEN. LINCOLN AVE. 19.92 chs NW Center Curnter Ave., San Jose. H Moltzen vs Peter Kulls \$68.82
May 11, 1928—42.03 AC PTN LOT 9, Fellow Partition San Ysedro Rancho Gilroy Lumber Co vs Laura Jones.....\$145.03
May 15, 1928—LOTS 1 AND 2 BLK 3, Glen Ridge Terrace, San Jose. James S Simpson vs Fred H Bergmann et al.....\$529.50
May 15, 1928—LOTS 10 AND 11 BLK 1, Konkling & Co. Subd., San Jse. J W West vs Silvio Barretta et al.....\$318.20
May 18, 1928—LOT 37 Lion Ranch. Edward Zeller vs The Lion Ranch Co.....\$240

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 12, 1928—S SAN ANTONIO ST. 85.74 ft. SW from NE Cor. 1 Ac Tct of O'Hara San Jose. George Emmons to Eddie Bernal.....

RELEASE OF LIENS

SONOMA COUNTY

Recorded Amount
May 18, 1928—LOTS 4 AND 5, Garloff Tract Analg Twp. Henry Hess Co to S A Young and Wm Garloff.....\$119.45

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
May 18, 1928—NO. 747 MILL ST. Santa Rosa. Leola Rayner to A M Smith.....May 18, 1928

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
May 18, 1928—LOT 1 BLK 29 Subdv No. 2, Tuxedo Park Map B, Stockton William E Roberts to whom it may concern.....May 15, 1928
May 16, 1928—LOT 1 BLK 5 Subdiv. No. 1 Tuxedo Park. Lucy A. Forkner to Joseph A. Plecarpo.....May 10, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
May 15, 1928—Near City of HEALDSBURG. Julia A. and Clara Preston to Healdsburg Lbr Co.....May 15, 1928
May 17, 1928—LOT 38 Resub. lot 189, etc. of El Bonita. Minnie D. and Mark Altman to Richard Hanley.....May 15, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount
May 15, 1928—LOT 11 BLK 9, Subdiv H 42-100 ft. SW Cor. Stone's Homestead Addition to Salinas. Tynan Lumber Co vs Wm Alexander and Geo A Spencer.....\$159.01

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
May 14, 1928—LOT 27 BLK 201, Second Addition to Carmel Woods. Charles L and Etha M Berkey to M J Murphy.....Dec. 15, 1927
May 15, 1928—PTN LOT 27, Tract No. 1, Monterey City Lands containing 0.39 acres. Marcy S Woods to Hugh W Comstock.....May 8, 1928
May 15, 1928—LOT 3 BLK 159, Fifth Addition to Pacific Grove. T S Drake to whom it may concern.....May 9, 1928
May 15, 1928—LOT 10 BLK 130 Peter's Gate, being subdv of Ptn of Doud Tract and adjoining land, Monterey. Paul Cademartori to whom it may concern.....May 9, 1928
May 15, 1928—LOT 11 BLK 130, Peter's Gate being Re-subd of Ptn of Doud Tract and adjoining land, Monterey. Paul Cademartori to whom it may concern.....May 9, 1928
May 16, 1928—LOT 1 BLK 3 LAKE View Tract in lot 4 of the Rancho Noche Buena, Monterey Co., Cal. Edwin Murphy Jr., and Marie Murphy to whom it may concern.....May 14, 1928
May 16, 1928—A PT of LOT 1 BLK 4 Homestead Addn to Salinas City. A. J. Yates to whom it may concern.....May 11, 1928
May 17, 1928—BEG on northerly line of Gabilan St. at the westerly line of alley rung N and S through block 1 Riker's Map of a portion of Salinas City. Frank S. and Leona L. Clark to whom it may concern.....May 17, 1928
May 18, 1928—BEG pt lying on northerly boundary of Del Monte Ave dist 40.10 ft. Wly along said Nly boundary of Del Monte Ave to Wly boundary of Park Ave and said Nly boundary of Del Monte Ave. R. M. Smith and J. H. Bastedo to whom it may concern.....May 16, 1928

RELEASE OF LIENS

MONTEREY COUNTY

Recorded Accepted
May 18, 1928—LOT 6 BLK 33 Vista Del Rey Tract, Monterey. N. A. Fezzolare to J. V. Cain.....\$9
May 18, 1928—LOTS 6 and 8 BLK 33, Vista Del Rey Tract, Monterey Co. Blackman-Anderson Mill & Lbr Co. to James V. and Bertha M. Cain.....\$501.07

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED
PACKING SHED
WALNUT GROVE. All work for packing shed.
Owner—Southern Pacific Company.
Architect—None.
Contractor—Henry A. Dewing.
Filed May 19, '28. Dated May 16, '28.
TOTAL COST, \$7766

BUILDING PERMITS

SACRAMENTO COUNTY

RESIDENCE, 6-room and garage, \$3000; No. 2414 29th St., Sacramento; owner, George Morris, 2134 7th Ave., Sacramento.
GENERAL repairs, \$2000; No. 1015 19th St., Sacramento; owner, Wm. Sitton Premises; contractor, F. W. Moore 2725 6th Ave., Sacramento.
RESIDENCE, 6-room and garage, \$10,000 No. 1117 46th St., Sacramento; owner, Evelyn Coruthers, 709 California St., Sacramento; contractor, F. Malonev 3172 T St., Sacramento.
RESIDENCE, 6-room and garage, \$3000; No. 2408 29th St., Sacramento; owner, George Morris, 2134 7th Ave., Sacramento.
RESIDENCE, 4-room and garage, \$2500; No. 2317 Tenth St., Sacramento;

owner, M. F. Lena, 2315 9th St., Sacramento.
RESIDENCE, 6-room and garage, \$4500; No. 1720 42nd St., Sacramento; owner, J. E. Chesson, 2559 10th Ave., Sacramento.
STORES (2), \$3200; No. 2221 S St., Sacramento; owner, A. Mitchell Wood Co., 128 J St., Sacramento.
STORE, \$1800; No. 3200 Stockton Blvd., Sacramento; owner, Archie Piacentine, 1833 41st St., Sacramento.
RESIDENCE, frame, 7-room and garage, \$3000; No. 1356 56th St., Sacramento; owner, Amos Nash, 1703 3rd St., Sacramento; contractor, M. A. Nobley, Sacramento.
RESIDENCE, 5-room and garage, \$3800; No. 2572 Marty Way, Sacramento; owner, Lewis Gaume, 3021 I St., Sacramento.
RESIDENCE, 5-room and garage, \$2995; 3300 San Jose Way, Sacramento; owner, R. L. Hathaway, 920 Redwood Ave., Sacramento.
RESIDENCE, frame, 6-room and garage, \$6450; No. 633 36th St., Sacramento; owner, H. C. Jensen, 1520 M St., Sacramento.
REPAIRS, \$3500; 806 L St.; owner, Jack Roberts, 1221 T St.; contractor, E. R. Beebe, 2506 21st St., Sacramento.
TEN-ROOM residence and garage, \$10,000; 2220 11th Ave., Sacramento; owner, Henry Schmidt, 4007 H St., Sacramento.
FIVE-ROOM residence and garage, \$3,000; 1606 Caramay Way, Sacramento; owner, M. Donyonovich, 1508 2nd St., Sacramento.
FOUR-ROOM residence and garage, \$1,000; 2534 Y St., Sacramento; owner, Gilroy E. Cottle; 1938 2nd Ave., Sacramento.

Notice of Non-Responsibility

SACRAMENTO COUNTY

May 18, 1928—TRACT B. Wm. J. Landers Addition to Sacramento. Otis D Babcock as to improvements on property.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
May 17, 1928—N ½ LOT 4 AND 10 S ½ Lot 4 Blk 16, Fair Oaks. H A Massey Jr. and wife to whom it may concern.....	May 15, 1928
May 17, 1928—LOT, 804 Elmhurst. Alva C Van Winkle to whom it may concern.....	May 15, 1928
May 17, 1928—LOT 40, Col Terrace, Sacramento. Shafter James Aldrich to whom it may concern.....	May 16, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded	Accepted
May 15, 1928—LOT 19 JENKINS OAKS Addn., Sacramento. C. H. Kress & Co., Inc., vs C. C. Warren and A. R. Greenman.....	\$97.73
May 15, 1928—LOT 11 DEL PASO PK. VIEW TCT, Sacramento. General Supply Co., Inc., vs John Mealand and A. Horstman.....	\$316.83
May 16, 1928—W 20 ft. S 80 ft lot 8 1 and J, 7th and 8th Sts., Sacramento. Frank Maloney vs W. R. and B. Shirley.....	\$1420

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
May 19, 1928—LOT 53, J C F F G Sub No. 1, Fresno. Henrietta B Jerterberg to Lee E Nelson.....	May 12, 1928
May 16, 1928—PT LOT 3 BLK 18 Hazelwood, Fresno. Maud Sophia Sarkisian to M. Manoogian.....	May 10, 1928
May 16, 1928—LOTS 1-4 BLK 5, Fresno. N. and S. N. Tatolian to C. A., G. E. and E. H. Cornell.....	May 14, 1928
May 14, 1928—LOTS 43, 44 BLK 25, Sierra Vista Addn., Fresno. Goli-day W Van to S. C. Ramage.....	May 12, 1928

May 15, 1928—CHILDREN'S BLDG at Tuberculosis Sanitorium near Auberry. County of Fresno to whom it may concern.....May 9, 1928
 May 15, 1928—LOTS 14, 15 BLK 9, Roeding Addn., Fresno. H. L. Knight to whom it may concern.....May 14, 1928
 May 17, 1928—LOTS 4 AND 5 BLK 41, K B Heights, Fresno. Pete Ricci to whom it may concern.....May 15, 1928
 May 18, 1928—LOTS 24 AND 25 BLK 345, Fresno. Lloyd S Jackson to whom it may concern.....May 17, 1928
 May 18, 1928—LOTS 9, 10 AND 11 BLK 2, Blackstone Avenue Terrace, Fresno. Mary L McDaniel to whom it may concern.....May 16, 1928

BUILDING PERMITS

FRESNO

ALTERATIONS and additions, \$1000; 82 T St., Fresno; owner, T. J. Lee premises; contractor, Yarnell & Garger, 1014 S 4th St.
DWELLING, \$2500; No. 2366 Kirk St, Fresno; owner, David Schletewitz; Jensen St., Fresno.

A sufficient number of written acceptances having been received for Simplified Practice Recommendation No. 52, Staple Vitreous China Plumbing Fixtures, recently reaffirmed by the Advisory Committee without change, the Division of Simplified Practice, of the Department of Commerce, has announced that the project is now in effect, subject to annual revision or reaffirmation by the industry. Eighty per cent of the known manufacturers, distributors, and organized users, by volume of output must accept the recommendation in writing before it can be placed in effect by the Department of Commerce. Information, presented to the Advisory of standing Committee for the simplification, indicated a very satisfactory degree of adherence to the recommendation.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

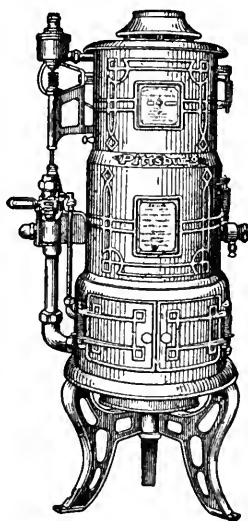
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



BUILDING and ENGINEERING NEWS

Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., JUNE 2, 1928

Published Every Saturday
Twenty-eighth Year, No. 22

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, Vice-President and General Manager

Applying time - proved methods of insula- tion to modern day needs



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

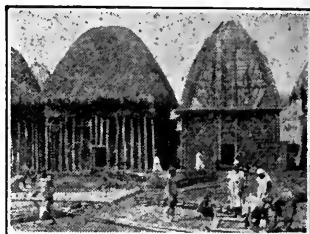
NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

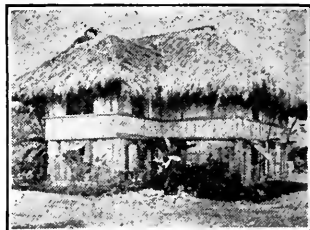
DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

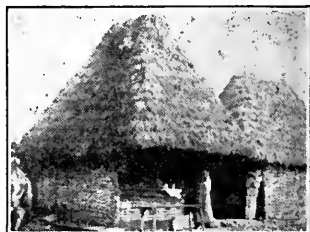
Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JUNE 2, 1928

Twenty-eighth Year, No. 22



15-547 MISSION ST., SAN FRANCISCO
Kearny 1522

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

STEEL INSTITUTE WILL PLACE TEN FIELD ENGINEERS

In an effort to promote sound engineering practice and the welfare of the structural steel industry, the American Institute of Steel Construction has recently organized, and will shortly place in active service, a staff of ten district field engineers.

The field engineers will establish contact with engineers, architects, contractors, public officials and technical schools throughout the United States. Data concerning the latest developments in steel construction, leading to a more effective and economical use of the material, will be made available to all charged with the selection of materials and to all responsible for proper design and construction.

To bring about a wider use of structural steel for bridges and buildings will be one of the chief objectives of the field representatives of the Institute. Their efforts in this direction, however, will be confined entirely to arousing a better appreciation of the advantages to be gained by the selection of steel for such structures.

A training school was opened in Cleveland, Ohio, on May 15, under the direction of Lee H. Miller, the Institute's Chief Engineer. There the engineers will be thoroughly instructed in the aims and policies of the Institute before taking up work in the territories assigned to them. Their activities in the field will be supplemented by a more extensive preparation of educational literature to be distributed from the New York office.

The country has been divided into ten districts, with one field engineer assigned to each. District No. 10 will cover the states of Washington, Oregon, Idaho, Utah, Nevada, Arizona and California. W. E. Emmett, formerly structural engineer with the Moore Drydock Co., of Oakland, will be the Pacific Coast District Engineer with headquarters at San Francisco.

ENGLISH PRIORY OF 12th CENTURY RESTORED IN AMERICA

A most interesting story attaches to the restoration in America of an old English Priory originally constructed in the 12th century at Warwick, England. This building, now a home in Richmond, Virginia, was bought at auction in England by Mr. Alexander W. Weddell, Consul General in Mexico of the United States.

The Priory once purchased was brought to America and with the assistance of Mr. Henry G. Morse, well known architect from New York City, was re-erected in Windsor Farms, Richmond, Virginia.

The Priory as purchased was in reality in three parts. There was a section belonging to the 12th century, another part representing Elizabethan period, and the third obviously Georgian. When brought to Richmond the material was rebuilt into a design which faithfully restores portions of three historic English houses. The main body of "Virginia House", as Mr. Weddell names his home, is identical with the Elizabethan part of the Priory. The entrance tower is a reproduction from "Wormleighton" the home of Lord Spencer. The wing to the west of the main entry door is a copy of the original part of Sulgrave Manor where George Washington's ancestors lived in England. This part of the building has been occupied by the Virginia Historical Society which it is planned will eventually take over the entire building.

An interesting feature of this restoration work is its departure from the age old method of numbering building materials part by part as the ancient edifice is dismantled and then re-assembling by reference to these identifying marks. Mr. Morse made numerous photographs and sketches of the buildings as they stood in England. The houses were then wrecked and the material stowed aboard freighters destined for the new location in America. In the meantime drawings of the construction planned in America had been prepared, best obtainable workmen secured, and everything made ready for immediate use of materials. In this way a good deal of the cost and time necessary for re-assembling piece by piece was obviated without any sacrifice to architectural faithfulness to the original.

A. S. M. E. NOMINATE OFFICERS FOR YEAR 1929

Nominations of officers of The American Society of Mechanical Engineers for 1929 were announced at a recent meeting of the Nominating Committee held at Pittsburgh, Pa., during the Spring Meeting. Election will be by letter ballot of the entire membership, closing on September 25, 1928.

The nominees, as presented by the Regular Nominating Committee of the Society are: President, Elmer A. Sperry, Chairman, Bd. of Dir., Sperry Gyroscope Co., Brooklyn, N. Y.; Vice-Presidents—William Elmer, Special Engineer, Pennsylvania Railroad, Philadelphia, Pa.; Robert L. Daugherty, Prof. Mech. & Hyd. Engrg., California Institute of Technology, Pasadena, Calif.; Charles E. Gorton, Chairman, American Uniform Boiler Law Society, New York, N. Y.; Managers—Chas. M. Allen, Prof. of Hyd.

OAKLAND SCHOOL APPRENTICES GET PAINT EXAMINATION

Examinations by master painters were given to boys in the apprenticeship classes in painting and decorating of the Oakland public schools May 16.

The boys had to prepare the surface by puttying and sanding, matching color, painting the surface and cleaning the brushes. They were rated on the time used, the technique of procedure and the quality of workmanship.

The judges were Harry McManus and Bert Johnson, master painters; Herbert Albers, journeyman painter, David M. Schindler, Oakland Paint and Varnish club; L. B. Travers, assistant director of vocational education, W. C. Matthews, director of apprentice school; and L. W. Lawrence, apprentice instructor.

Great interest is being shown in the revival of apprenticeship in the building trades, according to Matthews. The employers send their boys to the apprentice classes held either in day or evening school.

Many of the apprentices are legally indentured to the employer for a four-year term. The apprenticeship is guaranteed training in workmanship and technical knowledge. After a limited time in preliminary training in the school under expert workmen as teachers, the boys are hired as apprentices and return to school from four to eight hours a week for technical schooling.

Oakland's apprenticeship training is rated by experts as the best in the west.

STATE MASTER PLUMBERS ELECT

Lou J. Kruse of Oakland was elected president of the California State Master Plumbers' Association which recently held its annual convention in San Francisco. Fred W. High, Fresno plumbing supply dealer and contractor, was elected vice-president. Others elected were: Clause Hickman, San Pedro, treasurer, and Lawrence D. Stuffer, Los Angeles; R. W. Timmons, Richmond, and W. J. Young, San Francisco, members of the executive committee.

\$40,000,000 TUNNEL PROJECTED

Plans for the elimination of the mountain barrier between Puget Sound and the Inland Empire by driving a low-level tunnel of 27 miles length, which would give to Seattle and Puget Sound an equal advantage with Portland and the Columbia river route in matters of East and West transit, have been outlined to the Seattle Chamber of Commerce by Judge Austin E. Griffiths who is president of the Cascade Tunnel Association. The cost of construction is estimated at \$40,000,000.

CONCRETE ROAD YARDAGE

There is given below a tabulation of concrete pavement yardage awarded during April, 1928, together with the total number of square yards awarded for the year to April 28, 1928, as prepared by the Portland Cement Association. The figures represent awards in the United States only:

	Square Yards Awarded During April, 1928	Square Yards Awarded From Jan. 1, 1928 to April 28, 1928
Roads	12,722,131	31,186,651
Streets	4,780,219	11,680,140
Alleys	285,154	727,793
Totals	17,787,504	43,594,584

BIDS ASKED FOR \$8,000,000 HOSPITAL AT L. A.

Bids will be considered by the Los Angeles County Board of Supervisors on July 2 for the general contract, electrical work, heating plumbing, ventilating and refrigeration for the new general hospital building to be erected at the county hospital site. The general contract will include the concrete work for the building, interior concrete partitions, exterior windows and doors, cast stone work, ornamental iron, retaining walls, bridge and viaduct to connect with present buildings, etc.

The plumbing, electric, heating, ventilating and refrigerating contracts will include the work which is necessary to be done while the general contract is being executed.

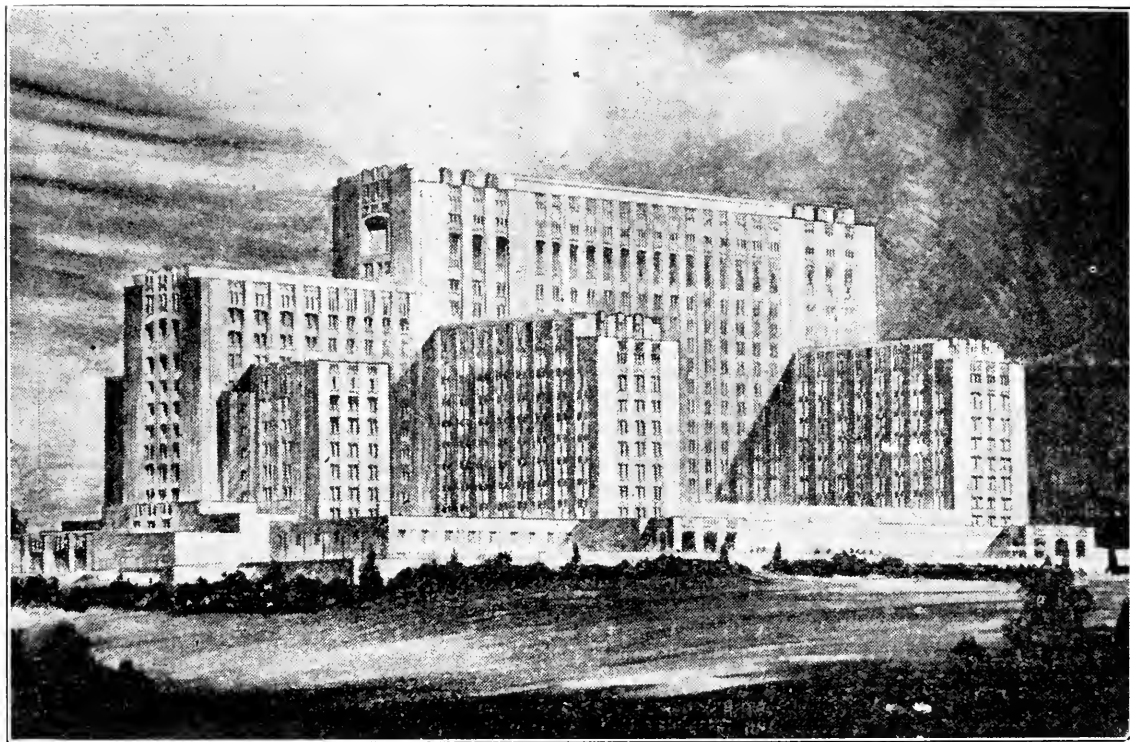
Bids will be taken later for finishing the interior of the building. The present work which is being advertised will amount to about \$4,500,000. The total cost of construction is estimated at \$8,000,000.

Bids will be taken later on interior

partitions, interior finish, plastering marble and tile work, and for final plumbing, heating, ventilating, etc., on portions of the building at a time.

The building will be an eleven-story structure of steel frame construction with reinforced concrete floors, filler walls and roof.

Plans were prepared by Architects Edwin Bergstrom, Myron Hunt, Sumner Hunt, Pierpont Davis and William Richards.



The sketch above shows how the new \$8,000,000 county general hospital for the county of Los Angeles will look upon completion. The structure will be thirteen stories in height of Class A, steel frame and reinforced concrete construction with basement, sub-basement and two roof stories. There will be 82 typical wards, 560 rooms, kitchens, closets, utility rooms, etc. The structure will cover a ground area of 600 by 400 feet. (Cut, courtesy of Los Angeles Journal of Commerce).

HIGH BUILDING IN WASHINGTON MEETING OPPOSITION

The zoning commission of Washington, D. C., is considering a regulation limiting to 130-feet the extreme height of buildings to be erected in the future. This was proposed by the National Capitol Park and Planning Commission and is being opposed by local building. The present limit for building heights is 130 ft., but pent houses, spires, domes, towers, minarets, smokestacks, shafts and tanks are permitted to extend above the limit. The new regulation, if it is adopted, will bring these appurtenances below the line. Opposition to tall buildings is based on two arguments: That congestion will be increased by the use of skyscrapers and that the dome of the Capitol should be the dominant architectural feature of the city.

IRON-STEEL EXPORTS DECREASE DURING APRIL

Preliminary figures covering the foreign trade of the United States in iron and steel products during April show exports totaling 215,184 gross tons, 6,750 tons less than in March, and imports amounting to 72,329 tons, or 1,799 tons less than in the preceding month, according to a statement by the Iron and Steel Division of the Department of Commerce. An abstract of the statement follows: Average daily export for April (7,173 tons) exceeded that of March (7,159 tons) however, as did that for imports, 2,411 tons and 2,391 tons. Principal products exported, in point of tonnage, were scrap (40,616 tons), heavy rails (23,513), tin plates (19,809 tons), and plain shapes (13,653 tons). Largest imports during the month were those of pig iron (20,815 tons), shapes (16,577 tons), and cast iron pipe (6,566 tons), and "other" pipe (6,211 tons).

MONOLITH CEMENT COMPANY HAS BRANCH IN HONOLULU

Rapid progress is being made by the Monolith Portland Cement and Monolith Portland Midwest companies in their expansion activities to keep pace with a steadily increasing demand for cement, according to Coy Burnett, president, who has returned from Honolulu, where he made arrangements to establish branch offices. After a careful survey of building progress and development in the Hawaiian Islands, during recent years, and a number of trips to look over the ground personally, Mr. Burnett decided some time ago that this territory should be included as an integral part of the Monolith program. Capt. A. Bullock-Webster, who has been associated with the Monolith companies for several years, is now making his headquarters in Honolulu to direct the Monolith activities on the islands.

BERKELEY BUILDERS' EXCHANGE SEEKS ADOPTION OF LICENSE LAWS

To control operations of "fly-by-night" contractors and to facilitate enforcement of the building code and housing act the Berkeley Builders' Exchange is preparing contractors' license ordinance which it will seek to have adopted by the Berkeley City Council. The first draft of the proposed ordinance was read at a recent meeting of the exchange and was favorably received.

The proposed ordinance provides that no construction shall be undertaken by any contractor not licensed by the Bureau of Licenses. The only exceptions are minor repairs costing not to exceed \$50 and owners "erecting single family or duplex dwellings for his own occupancy in whole or in part" may build such structures without retaining a licensed contractor.

Contractors now operating in Berkeley, under the terms of the proposed ordinance, may obtain licenses without examination within 30 days after the ordinance becomes effective. However, after that date applications for licenses must be made to the Board of Examiners, and applicants must post a bond as a guarantee that applicant will perform and complete his contracts in accordance with laws and ordinances pertaining thereto, and to indemnify the city on account of any violation of the building code, and to indemnify any person suffering damage by reason of any violation of the building code. It is provided that any person damaged by such a violation may sue and recover on this bond in his own name.

Licenses will be granted to four classes of work as follows:

Class A. Building contractors engaged in constructing, reconstructing, altering or repairing structures of unlimited class or value of a public nature including theatres and lodge rooms, with a seating capacity of 100 persons; office buildings of 4 stories; hotels; apartment building containing 12 apartments or more; or any buildings of a public nature seating 100 persons or more such as schools, churches, grandstands, etc. For this class a penal bond in the sum of \$10,000 is required.

Class B. Building contractors engaged in constructing, reconstructing, altering or repairing buildings of any unlimited class or value, except public buildings as described in Class A. A penal bond in the sum of \$5000 is required.

Class C. Building contractors engaged in constructing, reconstructing, altering or repairing structures costing not to exceed \$15,000, except buildings of a public nature as described in Class A. A penal bond in the sum of \$2500 is required.

Class D. Building contractors engaged in constructing, reconstructing, altering or repairing structures not to exceed \$5,000. A penal bond of \$1000 required.

After the 30 day period of grace, licenses will be issued only in the class or classes recommended by the Board of Examiners.

In case a licensed contractor wishes to have his license transferred from one class to another, or for a license in an additional classification, he will not be granted the license until the Board of Examiners certify he is qualified for that particular work.

Board of Examiners

The Board of Examiners, as provided by the ordinance, is well balanced. The board shall consist of five members—a registered architect, a registered structural engineer, two building contractors, each of whom have had at least five years' experience in the city of Berkeley, and one building owner. Members will serve without pay and shall hold office for one year. The inspector of Buildings would act as secretary of the board.

Members are appointed by the council.

Before building permits are issued, it must be established by the owner that the work will be handled by a contractor whose name appears on the list of licensed contractors to be furnished to the building inspector by the Bureau of Licenses. Such a provision is the essence of the ordinance.

In the way of punishment for violations the proposed ordinance provides that "the Inspector of Buildings . . . shall suspend any license issued . . . and stop all work for the wilful violation on any building law or ordinance or for gross incompetency."

Upon conviction it also provides for a fine of not less than \$10 nor more than \$500 or for imprisonment for not less than 10 days nor more than six months, or both fine and imprisonment.

Another section provides that:

"The inspector of buildings may file a report of his action in suspending any such license with the council, stating his reasons therefor, and apply for revocation of the license of any such licensee. A copy of such report and application shall be served upon the licensee and he shall be notified of the time and place of hearing. At such hearing the council may revoke any such license, refer to the board for recommendation or impose any terms upon its continuation which it may deem advisable. In the event of revocation there shall be returned to the licensee an amount of money equal to the unexpired term of the license and any permit or permits issued by the Bureau of Buildings to said licensee shall be cancelled. No license issued under this ordinance shall be suspended or revoked on account of faulty plans and specifications which may have been issued or approved by the Bureau of Buildings."

It is provided that any building contractor refused certification by the Board of Examiners may appeal to the city council. The council has the power to affirm, overrule or modify the Board of Examiners. It is also provided that "any persons aggrieved by the inspector of buildings" may appeal to the city council for relief.

The Berkeley exchange is continuing a study of the proposed law and another meeting will be held in the near future at which further discussion may be held. It was the general consensus of opinion that violations of the building codes of large cities are easily covered up by builders who desire to "skin the job," it being economically impossible for a city building department to employ enough building inspectors to actually prevent violations. The proposed ordinance would give the city power to take away from fraudulent contractors the right to do business.

The proposed ordinance is designed to relieve the building industry of the depredations of the "fly-by-night" and "irresponsible" builder, to give owners a more substantial safeguard than is now afforded them, and to facilitate enforcement by the building inspector of the building laws and ordinances.

THE PRICE CUTTER

There is only one way to make money in the construction business. That way is sell construction service at a profit. The fact that there are contractors today who are making a profit proves that knowledge and self-restraint are not without their rewards. It takes courage to resist the temptation to shade a nickel or a dime on the job that is slipping away. Nevertheless there are contractors who have displayed that courage year in and year out. True, they may not be flooded with jobs, but on the other hand, they are not drowned in red ink.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1647-S ESTIMATOR AND DETAILER of reinforcing steel. Must have both inside and outside experience and be able to do rapid work. Salary open. Location, San Francisco.

R-1666-S STRUCTURAL ENGINEER, 32-35, pref. technical grad. with good record of experience on structural steel work for sales promotion to architects and contractors. Sales experience preferred, but not required. Salary open. Apply by letter. Location, San Francisco.

R-1681-S SALES ENGINEER, young man with knowledge of reinforced concrete construction and acquaintance with local contractors. Permanent opportunity. Salary open. Location, San Francisco.

K-66-X-4918-C-S WOODWORKING ENGINEER, graduate with several years' experience in manufacture of furniture thoroughly familiar with designing plant layouts and wood-working machinery. Should have general knowledge of manufacturing costs. Apply by letter, giving age, and details of education and experience. Location, Middlewest.

K-61-X-4809-C-S CIVIL ENGINEER, to teach steel and reinforced concrete design. May also give some graduate courses in structural engineering. Term 10 months. Apply by letter. Location, South.

R-1654-S SALESMAN, preferably with some training or experience in combustion of fuels to sell standard lines of oil burner equipment to owners and architects. Commission only. Location, San Mateo County.

R-1660-S JUNIOR ENGINEER, under 25, single, not necessarily college graduate, willing to travel for several years collecting data for insurance maps. Salary to start about \$125 mo. Headquarters, San Francisco.

CORRECTIVE SUGGESTIONS

In speaking before the fourth annual convention of the Iron, Steel and Allied Industries at Del Monte, Calif., in "Steel Points the Way," Frank C. Mortimer, vice-president of the Citizens National Bank and Citizens Trust and Savings Bank of Los Angeles, offered eight corrective suggestions to the conference as a prescription for their business. They were:

1. Continue your research and educational work. Find new uses for steel and inform the public how to apply them.

2. Watch costs more carefully. Reduce overhead and distribution expense where possible.

3. Manufacture or contract in quantities sufficient to supply the requirements of regular customers and such additional quantities as can be sold at a good profit. Tighten up on execution and enforcement of contracts.

4. Consolidate some plants, if economical to do so. Disregard excess plant capacity, and discontinue unprofitable volume.

5. Maintain sales volume in proper relation to demand.

6. Put a price on products that will permit a continuance of good wages to employees and good returns to stockholders.

7. Take or follow the lead in further and more effective moves for closer cooperation and better understandings in the industry.

8. Earnestly and sincerely adhere to your present code of ethics, or to such revised practices as may be decided upon for the betterment of conditions.

THE OBSERVER

What He Hears
and Sees
On His Rounds

Dr. George K. Burgess, director of the United States Bureau of Standards, recently complimented brick manufacturers on the comprehensive study that is being made of the scientific phases of their product. The tests so far show that the average brick wall has been capable of bearing two or three times the weight usually calculated, and that danger from freezing or absorption of moisture is practically negligible. Brick loses far less heat than ordinarily estimated and is the best material for fire resistance. The Common Brick Manufacturers' Association points out in this connection that in 1749, Thomas Penn, son of William Penn, imposed as a requirement in an auction that all houses built on the land in question must be of either brick or stone; no frame houses would be allowed on account of fire hazard. The land auctioned was in Reading, Pa., where, the association says, brick homes are still unusually popular.

Most contractors get as much of a kick out of attending a letting as a farmer does in going to a sale, but there's a difference. The farmer's traveling expenses amounts to about fifteen cents worth of gasoline and he gets his crackers, cheese and cider free at the sale. If he doesn't happen to pick up a Jersey cow dirt cheap, he isn't much out but his time anyway. The contractor bidding on work has railroad fare, auto hire and hotel bill and has to buy his own cider, or whatever liquid refreshment appeases his palate. No matter how much he enjoys the social side of the letting, expenses are there just the same. The cost of bidding is a legitimate item of the expense of running a contractor's business and should be included as a part of the overhead when figuring the cost of a job.

Architects planning apartment houses in Portland, Ore., in the future may provide for automobile storage in such buildings if not more than eight autos are to be stored in any one unit and providing a one-way standard sprinkling system is installed, according to a ruling made recently by the Board of Appeals in conference at the Portland City Hall. H. E. Plummer, inspector of buildings, also said that since the board of appeals has gone on record relative to such storage in apartment houses, which ruling holds true, he said, with similar storage of cars in hotel basements and sub-basements, he would draft an amendment to the building code covering this situation and would submit this draft to the board at an early date.

Senate Bill 4186, by Mr. Copeland of New York, proposes to regulate the use of spray painting compressed air machines. In speaking of this bill, the Service Bulletin of the National Association of Builders' Exchanges, says: This Bill if passed, would be most detrimental to various elements of the building industry, and you are urged to get in back of your representative by wire or letter, and tell him that your Association does not favor this Bill, and if he would please his many friends in your organization, he will vigorously oppose the Bill when it comes up for hearing. This Bill, like all bills of similar nature offered in Congress, may not be finally considered at this session, but it will be vigorously pushed by its sponsors at the next session—and it always finds an early echo in your state legislature—watch for it in your 1928 or 1929 sessions.

The 4.1-mile irrigation tunnel of the Nevada Irrigation District connecting the waters of the Middle Yuba river with the South Yuba has been successfully holed through. The tunnel is 9 by 9 ft., in section and 21,652-ft. long. The cost is placed at approximately \$1,500,000.

Awal Specialties, Inc., 109 Lafayette St., New York, N. Y., manufacturers of attractive new reflection signs which are illuminated by a process of reflected light and require no lighting attachment of any description, which to appoint sole selling agents in this territory.

Initiative petitions for the proposed \$40,000,000 bond issue to finance construction of the projected "California Fast Highway" from Tracy to Los Angeles will be circulated at once. The proposed road will be a two-way highway, thirty feet wide on each side, with ample space between the two roads. Will be about 400 miles in length, of which 250 miles will be straight roadway.

An investigation to determine how much labor and material enters into buildings of all classes is sought by the United States Bureau of Labor Statistics. This inquiry has started in Washington and will be extended to other cities. Cincinnati and Decatur have already been selected.

Brick shipments during March of the current year were greater than those in the preceding month and the same month last year. Orders on the books April 1, 1928, were about nine per cent higher than on March 1, but were considerably lower than a year ago. Stocks of burned brick were smaller than a month and a year ago and unburned brick stocks on hand were only slightly larger.

Numerous cases are being brought to the State Real Estate Department almost daily where persons have accepted employment which was offered not on a bona fide basis but as a flimsy inducement to get them to buy property, according to Stephen Barnson, Real Estate Commissioner, who has issued a general warning for the avoidance of these arrangements.

Cement production and shipments both increased during April, compared with March, 1928, but a decrease from April, 1927, totals were shown. Stocks on hand at the end of April were about 1 per cent larger than a month ago and about 16 per cent ahead of last year. There has been more cement produced in 1928 than during the first four months of last year and shipments during the same period have been lower in 1928.

Enrique Farre, P. O. Box 2738, Manila, P. I., an established building contractor, accepting the construction of bridges, aqueducts, tunnels, concrete and wooden frame buildings, is anxious to secure prices and catalogs on second-hand construction machinery (commercial tracks and cars, portable hoisting machines, cranes, derricks, dredges, portable excavators, wheelbarrows, concrete mixers, shovels, steel cables, chains, compressed air drills, riveters, pumps, etc.) Also on construction materials, such as: Portland cement, bricks, reinforcing steel bars, tiles, galvanized iron sheets, plumbing materials, electrical materials and supplies, galvanized wire, wire fencing, zinc sheets for roofing. He prefers quotations to be c.i.f. Manila, P. I.

Revenue from the electrical department has been sufficient to pay all cost of the Modesto Irrigation District in the construction of the new transmission line and the new Don Pedro dam units and as a result the \$236,000 issue of bonds voted to install the new units, will not be sold at this time. This became known following the submission of a progress report to the district directors by B. W. Creim, electrical engineer. In accepting Creim's report, the board adopted a resolution expressing satisfaction with his work and co-operation. Only about \$60,000 will be required to complete the installation of the units and the erection of the direct transmission line from Don Pedro to Modesto, Creim reported, and this amount will be paid out of revenue. A total of about \$324,000 already has been provided out of the electrical department's revenue for construction work on the line and on the units.

To aid needy engineering students the engineering council at the University of California has tendered a gift of \$300 to the university regents. This sum, which represents the profits from the annual Engineers' Day, held on the campus last April, is to be used as a nucleus for a loan fund for fellow students who find themselves in financial straits. "We feel that there is a need for such a fund available specifically to engineering students, who, because of the long hours of study required in the engineering colleges, are less able to carry on outside work than most of the other students in the university," declared members of the council in making the gift.

Specifications and prices for a new patented paving process have been filed with the Oakland city council, marking the entry of a new pavement in the East Bay field. The patented process is called "Curcrete" and consists of a method of curing concrete pavements. The cost of the preparation is 38 cents a gallon delivered on the job. The holder of the patent is given as O. G. Hopkins of 521 California St., San Francisco.

Sixty-seven localities in the State are in need of laborers, according to a survey just completed by the research department of the San Francisco Community Chest for the employment section of the organization. Thirty-six of the districts need men to handle seasonal crops. Of the other sections reporting need of laborers twenty-five are in Northern and six in Southern California. This information has been placed at the disposal of agencies endeavoring to solve permanently the problem of unemployment.

Five men have been named by Mayor Baker of Portland, Ore., to compose the board to examine contractors for licensing and bonding under provisions of the new city ordinance on that line which is to become effective July 1. Those named are Harrison A. Whitney, architect; A. H. T. Williams, engineer; Carl Stebinger and A. J. Matot, contractors, and John B. Yeon, building owner. The ordinance requires that each member of the examining board shall have had 10 years' experience in the line of business he follows. All the appointees of the mayor have had many years more than ten in their chosen professions.

While Boston wage agreements expired April 1, and no new agreements have been reached, negotiations are still under way without any strikes having been called. Conferences are being held in an attempt to devise a plan for the arbitration of local jurisdictional disputes.

Pacific Lumber Company of Scotia, Humboldt County, has been granted permission by the State Department of Public Works, Division of Water Rights, to appropriate water from the Eel River in connection with a \$3,000,000 construction program which includes the construction of a 150-ton pulp and paper mill.

Projects in which electrical apparatus will hold an important place show marked activity throughout the country and the outlook for business in the summer months is encouraging, says Electrical World. Inquiries for heavy equipment from industrials are numerous and much electric railway business is in sight. Sales of electric refrigerators are gaining, especially in the East and South

San Mateo County Supervisors have approved the formation of a countywide planning commission, after presentation of the need for such an organization by Fred H. Drake, president of the San Mateo County Chamber of Commerce. June 4th is the date set for appointment of commissioners. The commission will make a special study of the proposed organization of a water utility district by San Francisco, which will provide cheap water from Hetch Hetchy to residents of San Mateo county and northern Santa Clara county.

Major R. Y. Stuart, chief of the Forest Service, Department of Agriculture, has been appointed vice-chairman of the National Committee on Wood Utilization of the Department of Commerce by Secretary Hoover. Major Stuart succeeds Colonel Wm. B. Greeley, who recently resigned from both posts to take the secretary-managership of the West Coast Lumber Manufacturers' Association. Colonel Greeley, however, will not be lost to the Committee, for he will retain his membership and will continue to take an active interest in the Committee's program.

In response to inquiries from the Los Angeles City Board of Education, County Counsel Mattoon has submitted an opinion that it is not necessary for the board to secure bids from architects for preparation of plans and specifications for school buildings or to hold any form of architectural competition. Such work is a type of professional service and the provisions of Sec. 1612, Political Code, referring to advertising for bids do not apply to it. The county counsel also reported there has been no change in the laws which would prevent payment of architects' fees from the "special fund."

The eighth annual building permit survey by the U. S. Department of Labor, Bureau of Labor Statistics, appears in the May, 1928, issue of the Monthly Labor Review. The survey discloses the fact of a decrease of 13.9 per cent in the number of new buildings for which permits were issued in 1927 as compared with 1926, the decrease in both the number and cost of residential buildings being greater than the decrease in nonresidential buildings. The trend toward apartment-house living continued during 1927. Of the total families provided for by new dwellings, 48.3 per cent were provided for in multi-family dwellings as compared with 45.4 per cent in 1926 and 24.4 per cent in 1921. The percentage provided for by one-family dwellings was 58.3 in 1921 but decreased to 40.7 in 1926 and to 38.3 in 1927.

TRADE NOTES

Cecil Hockinson and George Purtle will operate from 148 Laguna St., San Francisco, under the firm name of Standard Plastering Company.

Schramm, Inc., has opened a new branch office at 75 Fremont St., San Francisco, to facilitate the Pacific Coast handling of Schramm compressors.

Artistic Lighting Equipment Association will hold a nation wide exposition June 11-16 in the Hotel Sherman, Chicago, Ill.

Mitsui & Co. of Seattle will transport 13,500,000 feet of lumber and logs besides consignment of steel to the far east this month.

Truscon Steel Company, Youngstown, Ohio, has purchased the Hydraulic Pressed Steel Company of Cleveland and will operate it as its pressed steel division.

Rolando Lumber Company of San Francisco, capitalized for \$200,000, has been incorporated. Directors are: Jos. Rolando, F. W. Matthal, R. J. Gehring, Lillian Rolando and C. J. McDonnell.

According to word from Hollister, the plant of the Old Mission Portland Cement Co. at San Juan will resume operations at once and work on an extension of the quarry railway will be started shortly.

H. W., W. E. and V. L. Cullum and Wilfred E. Bell, all of Challenge, Yuba County, Calif., will operate from that point under the firm name of Cullum Mill and Lumber Company.

Cyclone Fence Co. of Waukegan, Ill., has taken over the stock and equipment of the Northwest Fence & Wire Works at East 11th and Flanders Sts., Portland, Ore. The name of the firm, however, will remain and S. H. Palmer will continue as manager. The purchase is in line with the policy of the Cyclone Fence Co. to manufacture more of their products on the Pacific Coast.

The new open hearth furnace at the Columbia Steel Corporation's plant at Pittsburg, Contra Costa County, is to be placed in operation within ten days. The first fires will probably be lighted today. Installation will increase the plant's capacity and provide employment for additional workers, according to officials.

Western Metal Products Company, formerly located at 367 Ninth Street, is occupying larger quarters at 1160 Bryant Street, San Francisco. The company specializes in metal furniture construction manufactured in the San Francisco plant. Products manufactured include steel counters, cages and screens, partitions, omnibuses, vault interiors, shelving, tables, galley cabinets, etc. In marketing their products the company applies the motto—"What California Makes, Makes California," calling attention to the fact that the goods are made at home.

Need for larger office quarters and a more centralized location prompted the moving of the Western Lime and Cement Company and Holmes Lime and Cement Company, from 2 Pine street to the Rialto Building, San Francisco, according to Wm. J. Feary, general manager of the companies. Both concerns are now operating from the new location within one-half block of the Builders' Exchange.

ALONG THE LINE

Chas. J. Colley, veteran San Francisco architect, passed away May 20, at the age of 79 years.

A. F. Harlow, 83, pioneer building contractor of Santa Clara, died in that city May 24. A widow and one son survive.

Swartz and Ryland (Fred L. Swartz and C. J. Ryland), architects and engineers, formerly occupying quarters in the Rowell Building, have moved to larger quarters at Rooms 530-523 Brix Building, Fresno.

Jesse B. Holly, for the past two years city engineer of San Leandro, has submitted his resignation to the city trustees due to the fact that the city has adopted the city manager form of government.

Chas. W. Meehan, 67, for the last fourteen years City Superintendent of Public Buildings for San Francisco, died at his home 816 Scott street, May 28. He had been ill several weeks. He retired from city service several months ago. A widow, two sons and two daughters survive.

Harry Lyons, San Mateo building contractor, is named defendant in a \$50,000 suit filed in the Superior Court at Redwood City by four orphaned children surviving Herman T. Holsher, 43, killed by the defendant's automobile in Beresford last May.

Irving F. Morrow, San Francisco architect, will conduct a course of lectures on "The Understanding of Architecture" for the Extension Division of the University of California. The course is planned for persons interested in art, but without architectural training. It will be given in San Francisco beginning about September 15.

Drury Butler, Sacramento county surveyor, whose statutory salary of \$200 a month was cut to \$10 a month by the county commissioners, has secured from the third district appellate court an alternative writ of mandate against L. P. Williams, county auditor. Williams must appear before the appellate court June 25 to show cause why he should not be required to pay Butler \$3200 alleged to be due the surveyor for unpaid salary between January 3, 1927, and May 2, 1928.

Dr. Perry Byerly "earthquake specialist" of the University of California, will leave Berkeley June 9 on a year's leave of absence to travel and study the science of temblors in Europe under a John Simon Guggenheim fellowship. Dr. Byerly, who holds the official title of assistant professor of seismology, will first visit Cambridge University, England, where he will study mathematical geophysics in order to apply data obtained in California to problems of the earth's structure. Later he will conduct further research at the University of Frankfurt, Germany.

John E. T. Yewdall Co., 401 Beckins Bldg., Vancouver, B. C., established manufacturers' representatives, desire to get in touch with firms who are seeking to expand their markets and who would be willing to appoint them as representatives in British Columbia for the sale of their products to the wholesale and retail trade. The lines in which they are particularly interested are: builders hardware, wrought iron hardware, tools of all kinds, roller skates, sporting goods, bathroom fixtures, plumbers' brass goods, toilet seats, electrical household goods and specialties.

ALLIED CONSTRUCTION INDUSTRIES COMMITTEE ORGANIZED AT RECENT MEET

Striving to correct improper practices and to stabilize credit conditions in the building construction industry, representative sub-contractors and general contractors have joined in the Allied Construction Industries Committee, a new body recently formed at a meeting in Washington, D. C.

Formal organization of the committee followed a series of preliminary conferences held at West Baden, Ind.; Cleveland, and Chicago, under the auspices of the Associated General Contractors of America.

Members of the committee, representing thirteen national associations, are to meet at Detroit next month to advance the work already accomplished and to give a yet more definite form to the program for future activities.

The organization includes members of the executive committee of the Associated General Contractors of America and two representatives of each of the following trade organizations: United Roofing Contractors of America; National Association of Sheet Metal Contractors, Elevator Manufacturers' Association, Heating and Piping Contractors' National Association, International Association of Master Painters and Decorators of America, National Association of Building Trades Employers, Association of Electricians, National Association of Master Plumbers, International Cut Stone Contractors and Quarrymen's Association, National Association of Marble Dealers, Contracting Plasterers' International Association and Tile and Metal Contractors Association of America.

George B. Walbridge, Detroit, former president of the Associated General Contractors of America, and chairman of the committee, presided at the organization meeting, and submitted a report of that session to the full conference.

In addressing the conference, Mr. Walbridge declared "Hundreds of concerns operating in the constructing industry are in a state of perpetual insolvency. They secure materials and equipment un-

der loose credits, reaping their profits by failure to pay their bills and by using inferior materials and workmanship."

Foremost among the measures to be given consideration at the Detroit meeting next month will be formulation of rules of ethical practices to Government relationships between owners, architects, engineers, general contractors, subcontractors, material dealers, and equipment manufacturers. Establishment of a rational credit system also will be undertaken as a primary move.

The Washington meeting, held coincidentally with the sessions of the Building Division of the Associated General Contractors of America, saw broad review given to efforts already made by national associations and by local groups to rectify conditions under which subcontractors and general contractors have for many years been forced to operate.

"The movement to prevent internal affairs of the construction industry from becoming even more chaotic than they now are is not a new one," declared D. A. Garber, veteran New York builder, who was the first president of the contractors' national organization and who now is general manager of the body, with headquarters at Washington.

"Formation of the committee brings sub-contractors and general contractors into close contact for the first time in an effort holding discernable chances of enjoying success," he continued. "This effort has been viewed for at least five years by leaders of various elements of the industry as being absolutely necessary for the protection of the public and of responsible men in the industry against the invasions of 'fly-by-night' operators.

"Within recent months, sub-contractors and general contractors, sitting side by side at council tables, have been devoting intensive thought to their problems. The developments at the Washington meeting indicate the results already obtained as well as those that may be expected in the future."

Religious Problem

"The Mexican people as a whole are very religious and it was distressing to us to see the churches unoccupied by any priests. Since the government edict that no foreign priests could live in Mexico and no Mexican priest could officiate without first registering with the government, which is not permitted by the Pope, Mexico has been without an functioning priesthood. However, in great many of the churches services are conducted by laymen in the nave of the church. At Guadalupe, where the most celebrated church in Mexico is found, we attended a service one Sunday morning. The service was conducted by a woman, and the church was crowded to the doors with Indians kneeling on the stone floors, holding candles, and making the responses as they would in an ordinary service. When one considers how important it is to Mexican Roman Catholic that he receive communion and absolution before he dies, that he be baptized and married by a priest, and all the other religious ceremonies that are necessary for his salvation, it is with a great deal of pity that one considers the privation this law has caused.

"As there are no saving banks in Mexico the chief depository for one's money is in the family stocking. This is perhaps one of the chief contributory reasons for the universal use of the lottery. One has not the incentive to store large amounts of money where it may be so easily stolen. This may also account to some extent for the Indians not being interested in work after they have acquired sufficient funds for their immediate future.

Approve Ambassador

"Ambassador Morrow is meeting with approbation everywhere in Mexico, and both Americans in Mexico and the Mexicans themselves are very pleased with the way he is handling affairs.

"Only 30 per cent of the assets of Mexico are owned by nationals of Mexico and over 40 per cent of the assets are owned by citizens of the United States, and the balance by citizens of Great Britain, France, and Germany. Most of these foreign owners live outside of Mexico and practically none of them has any interest in Mexico outside of their desire to make their investments as profitable as possible. This condition naturally does not make for the greatest prosperity of Mexico. One feels instinctively the tremendous richness of the country which if modern methods of irrigation and agriculture were used would be extraordinarily productive. One sees the wooden plow drawn by oxen in many of the farm distant from the larger cities, and irrigation is carried on by means of bucketing the water from the nearest stream by human labor.

Aztec Ruins

"Archaeological activities to date have not been conducted with any great vigor and the remains of the Aztec civilization and previous civilizations which were so ruthlessly destroyed by the early Spaniards have not been investigated to any very great extent. It is possible for the traveler to find without any great exertion many relics of the Aztec civilization in the plowed fields near the pyramids and other monuments, although it is necessary to obtain a permit from the Mexican government to take these out of the country.

"We had the honor of traveling with General Obregon, who will undoubtedly be the next president of Mexico, from Mexico City to Chihuahua. The train was very well guarded with about 500 armed soldiers and cavalry so that we felt entirely safe during the journey."

W. H. RATCLIFF, BERKELEY ARCHITECT, DESCRIBES HIS RECENT TRIP TO MEXICO

"Mexico has so many picturesque architectural monuments left by the Spaniards and is so beautiful that it is well worth a visit," said W. H. Ratcliff, Berkeley architect, who, with Mrs. Ratcliff, has just returned from a three weeks' visit in this neighboring country. Ratcliff studied the architectural work of the Mexicans with especial interest in Mexico City, Guanajuato and Chihuahua.

He said that Mexico is so primitive and so different from this country that aside from its art value, it interests because of its novelty. "Immediately you cross the Rio Grande you feel yourself to be in a foreign country," he continued. "The railroad train, with its steel armored coach and its 50 armed soldiers who always accompany each train, together with their horses to be used against bandits that might attack the train, takes you back to the very early days of this country."

In an interesting narration of the events of the trip, Ratcliff said:

"My wife and I were the only Americans on the train, although there were perhaps 200 Mexicans in the second class and perhaps 10 Mexicans in the pullman. The American travel in Mexico has been very limited since the exodus in 1912.

Education Lack

"In contrast with the United States, of the 15,000,000 population living in Mex-

ico probably 90 per cent live in the country where there are very meager facilities for education of any kind. As the train stopped at the many small villages the entire population swarmed out to meet the train in their picturesque serapes and sombreros, with bare legs and no shoes, to sell us tortillas and various other strange and unpalatable messes. They would often bring a pig with a string attached to its leg so that it might eat up any refuse that was thrown from the train.

"In the larger cities such as Guanajuato where we first stopped, much of the primitive appearance disappears although they still have the horse-drawn cab and horse-drawn street car, and the buildings are of more or less the same construction as those built by the early Spaniards. It is interesting to see the foodstuffs spread upon the curb exposed to dirt and flies but nevertheless purchased by both Mexicans and foreigners alike. One of these booths interested us perhaps more than any other. It was a native drug store in which you could find cures for all ills. There were several dead birds partly decayed, pigs' hoofs, and other gruesome objects which could be purchased to cure I know not what diseases, together with drugs of less offensive nature, such as the native herbs.

MOOSER, SAN FRANCISCO ARCHITECT, SUES FOR FEE ON COURTHOUSE PROJECT

Wm. Mosser, San Francisco architect, has started suit against Albert T. Eaves, county auditor of Santa Barbara county, for \$16,511.69, alleged to be due as part of his commission on the Santa Barbara county courthouse.

As soon as the suit was filed, Superior Judge S. E. Crow signed an alternate writ of mandate, ordering the auditor to pay the claims or appear in court at 10 A. M. on May 28 to show cause why he should not do so.

The suit sets forth that Mr. Mosser was hired by the board of supervisors on July 9, 1925, to design the new courthouse for a fee of 6 per cent. That on January 4, 1926, a supplementary contract was entered into, allowing an additional 4 per cent for supervision of construction.

When the first claims came into his office for supervision, Mr. Eaves with-

held payment, and District Attorney Clarence C. Ward held they were improper charges.

The board of supervisors, however, continued to approve the claims and the auditor continued to hold them up, while Mr. Mosser conferred with his attorneys. Chas. A. Adams, San Francisco lawyer and member of the state board of education, filed the suit.

Eighteen separate unapproved claims are attached to the complaint as exhibits. They are for the following amounts: \$1780.45, \$254.10, \$2105.19, \$212.10, \$1424.98, \$1393.75, \$2360.92, \$273.20, \$512.90, \$518.09, \$1320.04, \$2003.25, \$5522.48, \$1197.50, \$361.96, \$169.40, \$141.40, \$949.98.

Mr. Mosser declares that these claims represent not only unpaid commissions under the contract for 4 per cent, but also some of the money due him under the original contract.

SPECIAL HIGHWAY FUND FOR ELEVEN WESTERN STATES PASSED

Passage by the Senate and House of the Public Land Bill, providing \$3,500,000 a year for each of the fiscal years of 1929, 1930 and 1931, as a special highway fund for Federal-aid in eleven western states is announced by the American Motorists Association, which, with other motorist organizations, has supported the measure, which now goes to the President for his signature.

Purpose of the special fund, created by the measure, is to permit the construction of the gaps in the Federal-aid highway program which lie within those states largely owned by the Federal government and which under the Federal-aid program could not be completed for lack of funds, due to the inability of the states to match dollar for dollar the Federal government's appropriations.

In the state of Nevada, as an example, it is pointed out that 90 per cent of the entire domain is owned by the Federal government. In that state there are 1,398 miles of federal-aid highways which can be improved with this special fund and which will ultimately mean the link-

ing up of the entire 186,000 miles of Federal approved highway system of the United States. The money is to be apportioned to each of the eleven states in the same ratio as the Federal-aid \$75,000,000 annually appropriated. The measure does not limit the cost per mile which is done under the regular annual Federal-aid appropriation.

"Passage of the measure will mean much to the states and Federal government's highway construction programs and will meet with the unanimous approval of the millions of motorists of the country," J. Borton Weeks, President of the motoring organization, declares. "It will mean the linking up of the East with the West with a continuous highway, thus permitting comfortable, clean and more economical travel from coast to coast."

The states which will benefit under the measure and the Federal-aid highway mileage in each state, are as follows: Nevada, 1,398; Colorado, 3,332; Wyoming, 3,097; Arizona, 1,498; New Mexico, 3,298; Idaho, 2,770; Montana, 4,665; Washington, 2,927; Oregon, 2,840; Utah, 1,677 and California, 4,771 miles.

SURETY COMPANY ADVISES OWNER TO HIRE FIRST CLASS ARCHITECT

Coming out flatfooted on the proposition that the hiring of a good architect and engineer if necessary, is the only way to safeguard the owner's interest and make sure that he gets the sort of a structure he is paying for, the National Surety Company of New York, the World's largest surety company, has advised all its agents to insert in their local publications an advertisement directed towards the home owners and lenders of money on private construction work.

This attitude publicly taken by great surety company is particularly significant and has been widely commented upon by architects and engineers who have seen this copy, which is in part as follows:

"If you are planning to build any sort of a structure, residence, apartment, hotel, business house, factory building, office building, store,—whether you are building for your own use or for investment,—there is nothing more important than to be sure that the structure will be completed as specified, within the time allotted and according to your contract.

"Failure to safeguard yourself on this

point may mean financial loss and delay! There are four steps that will absolutely protect you from annoyance and loss:

"1. Hire a good architect and engineer. It is always the best plan to have a good architect on the job. Also an engineer on the larger structures. The fee you pay the architect is the cheapest investment you can possibly make, since a good architect will save you his fee many times over in the construction of the building.

"2. Have complete plans and specifications drawn up covering every possible detail.

"3. Let a general contract to a reputable contractor, thus guaranteeing you that your building will not cost above specified amount.

"4. Secure performance by a corporate surety contract bond. When a great surety company gives its contract bond it means its approval of the contractor and guarantees you against loss through failure of the contractor to perform the contract.

"If you get a good architect and insist that he specify a surety company contract bond, your interests will be safeguarded all the way."

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Paul T. Frentzen, of Berkeley. HOUSE CORNICE. This invention is an improved type of cornice, long strips of sheet metal, mounted on the outer edge of flat roofed houses, preventing the rain water from running off the roof and dripping down the outer side of the walls of the house.

Arthur E. Anakin, of Long Beach. MAGNETIC KEY. This is a highly magnetized key adapted to operate a lock. It is formed of both magnetized and non-magnetic material, so that the key is in reality a U-shaped or horse-shoe magnet.

Milo A. Baker, of Los Angeles. ELEVATOR. This improved elevator automatically brings the elevator platform to a stop level with a landing, minimizing accompanying vibrations considerably.

Frank Sumner Bunker, of Long Beach. SELF-LOCKING DEVICE FOR COUPLINGS. This provides a secure locking device for pipes and rods, yet permits uncoupling by the use of a suitable key or tool.

John A. Fourney, of Oakland. ELECTRIC EXTENSION PLUG. This plug is quickly connected and disconnected, yet being held firmly in the electric fixture socket even in the case of considerable vibration and rough handling.

Roy S. Cunningham, of Los Angeles. PISTON RING. This invention relates to piston rings used in connection with internal combustion engine pistons, providing an even contact with the cylinder walls and sealing the engine completely by itself, without the help of the usual number of rings spaced upon the piston.

LOS ANGELES ORDINANCE REVISION TO COVER CLASSIFICATION OF BUILDINGS

Classification of buildings will be the first subject considered by the Building and Safety Commission of Los Angeles in its hearing on revision and codification of the city building ordinances, it is indicated by Ralph E. Homann, president of the Los Angeles Builders' Exchange. The first hearing is set for June 6, at 7 p. m., at the exchange headquarters. Concerning classification, Mr. Homann says:

"Building laws are intended to provide for:

"1. The endurance of the structure.
"2. The safety of its occupants and contents.

"3. Desirability to neighbors.
"Among those concerned in any given structure are: (1) owner, (2) encumbrancer, (3) insurer, (4) occupant, (5) visitors, (6) neighbors, (7) the community.

"Custom seems to have classified structures largely with reference to fire, without giving consideration to other important factors: i. e., zoning has recently come to participate, animal life is spasmodically spoken of, appearance always plays a subtle part. Because of lack of ample classification call has often been made upon some law not truly applicable.

"Some of the hazards that confront a structure are: (1) Fire, with its water; (2) earthquake; (3) wind; (4) rain, snow, hail, moisture, heat and cold; (5) flood; (6) animal life, fungus, dry-rot and crystallization; (7) use; (8) obsolescence.

"Taking into consideration all the purposes, all the parties in interest and all the hazards to be met, the classification of any structure permitted should be influenced by its (1) use, (2) location, (3) permanency, (4) justifiable cost, (5) necessity.

HERE — THERE — EVERYWHERE

A plumbing ordinance agreed upon by building inspectors and attorneys, representing all cities of San Mateo county, as a uniform code for adoption has been given final passage by the San Mateo city council. Passage of the ordinance follows several months of study and makes San Mateo the first city in the county to adopt the law, sponsored by the Journeymen Plumbers' Union. Other cities are to follow, according to agreements already entered into at conferences among city officials.

Contra Costa County Builders' Exchange with headquarters at Richmond, has nominated the following for the office of director, seven to be elected at the annual election and seventeenth anniversary of the exchange to be held in the near future: E. H. Higgins, H. J. Capion, A. Nelson, R. J. Eakie, Carl Overaa, P. M. Sanford; R. W. Timmons, Herbert Baker, George Edwards, A. P. Hill, Russel J. Meyer, F. A. Mero, James Walker, E. B. Bull, C. E. Marshall, Ira R. Vaughn, B. L. Spurr, Grant Miner Jr., Fred C. Hosking, Thomas P. Bolger, R. H. Spiersch, Chris Theis, Walter D. Rihn, Charles H. Washabaugh.

The Certified Architects' Association of Beverly Hills is the name of a new organization with W. Asa Hudson, president, and Roy Seldon Price, secretary. Other members enrolled are: Robt. M. Farrington, R. C. Flewelling, P. P. Lewis, H. C. McAfee, I. L. Osgood, J. P. Pedersen, H. H. Whiteley, W. J. Todd, H. L. Booth, E. S. Somers and G. C. McAlister.

Harry M. Hart of the L. H. Prentice Co., Chicago, and President of the Heating and Piping National Association made a spirited talk before the convention of the New York State Association of Heating Contractors at Buffalo, N. Y. He spoke upon co-operation in the heating industry. Among other things he told how certified heat had developed in Chicago and while in its infancy, approximately \$20,000 a year is being spent in collective advertising. He pointed out that competition today is between industries and that our selling efforts must be directed against the auto salesman and not against our fellow heating contractors who are really helping by advocating heating. Real merchandising, selling of jobs, is what is needed in our industry.

Approximately 800 graduates of the apprentice courses in the building trades in New York City took part in the recent graduation exercises. All of the students completed a four year course in one of the building trades.

Structural iron workers in Washington, D. C., have withdrawn the demand that wages be increased from \$1.50 per hour to \$1.75 beginning May 1, and that the 5-day week be inaugurated.

Sheet metal workers of Santa Barbara are said to have arranged to inaugurate the 5-day week in that city on June 1. This places all the building trades unions of that city, except the building laborers on that schedule.

Meetings of the board of directors of the Los Angeles Builders' Exchange will hereafter be held once a month in the evening, it is announced, and meetings of the executive committee will be held once a month at noon. The next meeting of the executive committee is set

for June 5 and the next meeting of the board of directors for June 12.

Lumber consumed in the manufacture of motor cars and trucks last year exceeded 1,095,000,000 feet, according to figures compiled by the National Automobile Chamber of Commerce. This represented an increase of about 15,000,000 feet as compared with the lumber used by the industry in 1926.

Southwestern Engineering Corp. of Los Angeles has a contract with the Siskoe Gold Mines, Ltd., of Canada for the construction of an ore-extraction plant to cost \$220,000. The plant is to be of the all-slime cyanide-mill type, powered by a Diesel engine and will have a daily capacity of 100 tons.

A sufficient number of written acceptances having been received from Simplified Practice Recommendation No. 83, Kalamein Single-Acting Swing Doors, Frames and Trim, the Division of Simplified Practice of the Department of Commerce, announces that the project is now in effect, as of April 1, 1932, subject to annual revision or reaffirmation by the industry. This recommendation which has been accepted by manufacturers, architects, contractors, engineers and other users, provides for a simplified list of stock items.

Negotiations are said to be under way by the Pittsburgh Plate Glass Company with the South San Francisco Land and Improvement Company for a factory site in the South San Francisco district. P. J. Shaw of the land company, however, denies any negotiations. An extensive grading project is now in progress in Linden avenue and it is said to be on this site the glass plant will be erected.

Hoeppel and Muller, G.m.b.h., Schadowstr. 2, Dusseldorf, Germany, wholesale importers and dealers in hydraulic jacks and presses, mechanical jacks, hoists and cranes, catering to a vast clientele of railway companies, motor car manufacturers and dealers and various industries (road building, building, shipbuilding, etc.), are interested in taking up the sole agency of American manufacturers of the lines mentioned, as well as specialties in affiliated lines. References furnished.

British Consulate General, 310 Sansome street, San Francisco, represents a firm in the United Kingdom that is desirous of appointing an agent in this district for the sale of fire bricks.

Industrial Homes Corp., of Reno, Nev., has filed articles of incorporation in Oakland. The company is capitalized for \$200,000. Directors are: W. H. Harris, B. M. Burns and L. G. Wilson, all of Reno.

San Francisco Bay District Council of Carpenters has advised the San Francisco board of supervisors that the council is against the daylight saving proposal. In a communication to the supervisors the Council declares itself against the passage of any ordinance specifying at what hours anybody shall go to work. This is said to be the position of the entire labor movement of San Francisco.

POLISH STEEL COMBINE

Formation of a new steel syndicate, in which considerable German money is invested, has centralized the iron and steel industry in Poland. A number of works in Upper Silesia have been combined by the Oberschlesische Eisenbahn Bedarfs A. G. to form a powerful organization employing 12,000 workmen and controlling iron ore and coal mines, foundries, rolling mills, coke ovens, by-product factories and electric power plants.

ENLARGED PROGRAM OF FOREST RESEARCH WILL BE UNDERTAKEN

The McSweeney-McNary bill, which became a law with the approval of the President May 22, represents the most important piece of fundamental forestry legislation enacted since the Clarke-McNary law of 1924, Secretary of Agriculture Jardine declares.

"Forest research," the Secretary said, "has hitherto failed to keep pace with many other forestry activities, notwithstanding the fact that research is the foundation upon which forestry development should be built. A greatly enlarged research program is called for by this situation, and the comprehensive policy of forestry research provided in the new bill will enable the department to co-operate with other agencies in a definite and far-reaching program of investigations which will form the basis for a permanent system of forest production and utilization for the entire Nation."

The new bill establishes and outlines a ten-year program for forest research. A little more than \$1,000,000 is now being expended by the Federal Government each year for this purpose. Under the terms of the McSweeney-McNary bill this amount may be increased each year by about \$250,000 until the maximum annual expenditure of \$3,500,000 is reached. All classes to forest research are contemplated by the bill, including investigations in growing, managing and utilizing timber, forage and other forest products, watershed protection, fire prevention, insects and disease. The various lines of research contemplated will be conducted by several bureaus of the department, including the Forest Service, the Bureau of Plant Industry, the Bureau of Entomology, the Biological Survey, the Weather Bureau, the Bureau of Chemistry and Soils, and the Bureau of Agricultural Economics.

The McSweeney-McNary bill was backed by a widespread, aggressive public interest from all parts of the United States and representing widely diversified groups, including many chambers of commerce and development associations, the lumber and wood-using industries, nature, outdoor and recreation groups and women's clubs.

WASTE AT SAWMILLS MADE INTO FIBRE BOARDS

A new process for the utilization of waste from sawmills has given a new material to the building industry. It is known as "Masonite" and it is the invention of William H. Mason, vice-president of the Mason Fibre Co., Laurel, Miss., where its plant adjoins that of the Wasau Southern Lumber Company.

Briefly, the process, through the use of saturated steam at high pressure and temperature explodes the wood waste and converts it into wood pulp of long fibres encrusted with the original wood lignins. One of its products is given the trade name of "Presdwood." This is an extremely hard and durable board of great tensile strength in which the lignins are made to serve as a binder to weld the fibres in a compact mass. Presdwood is made in 1/4-in. boards for interior paneling and for use in cabinets, store fixtures, etc.

Another product is Masonite structural insulation made in 1/4-in. boards for sound deadening, exterior sheathing, sub-flooring and general insulation. These boards weigh approximately 700 lbs. per 1000 sq. ft. and come in standard width and varying lengths.

Fletcher & Frambes, Rives-Strong Bldg., Los Angeles, are factory representatives of the Masonite Company in Southern California, Arizona, New Mexico and El Paso, Tex., and its products are distributed through local retail lumber dealers in this territory.

Building News Section

APARTMENTS

Bids In—Contract To Be Awarded Shortly.

APARTMENTS Cost, \$100,000
OAKLAND, Alameda Co., Cal. Telegraph Ave. and Fifty-eighth St.
 Three-story frame and stucco apartment building (90 rooms; all modern conveniences).
 Owner—W. R. Harder.
 Architect—Clay N. Burrell, American Bank Bldg., Berkeley.

Sub-Bids Being Taken.

APARTMENTS Cost, \$36,000
BERKELEY, Alameda Co., Cal. Hilgard St. near Arch.
 Two-story frame and stucco apartment building (5 3-room apts.)
 Owner and Builder—Parsons & Schuster, 2339 Hilgard St., Berkeley.
 Architect—Clay N. Burrell, American Bank Bldg., Berkeley.

Working Drawings Being Prepared.

APARTMENTS Cost, \$300,000
SAN FRANCISCO. Area bounded by NW Irving St., 48th Ave. and La Playa St.
 Two six-story and basement steel and brick apartments and two three-story frame and brick veneer apartments.
 Owner—Unit Constr. Co. (J. E. Raymond).
 Architect—Irvine & Ebbets, Call Bldg., San Francisco.
 Bids will be taken in one week.

GLENDAL, Los Angeles Co., Cal.—V. E. Chadwick, 321 Union League Bldg., Los Angeles, preparing working plans for two 3-story and basement class C apartments on Louise St., for Edward Wallace; each building will contain 9 double and 21 single apartments, 55x154 ft., brick construction. Cost \$200,000.

Structural Steel Contract Awarded.

APARTMENTS Cost, \$150,000
SAN FRANCISCO, NE Leavenworth and Greenwich Sts.
 Six-story Class C apartment building (36 apts.)
 Owner and Builder—J. E. Scully, Phelan Bldg., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Steel—McIntyre-Marshall Co., 2050 Bryant St., San Francisco.

Preliminary Plans Being Prepared.

APT. BLDG. Cost, \$40,000
OAKLAND, Alameda Co., Cal., Oxford and Hearst Sts.
 Four-story frame and stucco apartment bldg. (18 two and three room apts.)
 Owner—Name Withheld.
 Architect—Clay N. Burrell, American Bank Bldg., Berkeley.

LOS ANGELES, Cal.—G. J. Davis, 113 W. Washington St., is completing plans for a four-story brick apartment building to be erected at Plessier Square or a client. It will contain 39 single and double apartments, lobby and storage rooms, 60x130 feet, brick construction.

Working Drawings Being Prepared.

APT. BLDG. Cost, \$75,000
OAKLAND, Alameda Co., Cal., Merritt and Wesley Aves.
 Three-story class C apartment bldg. (14 2 and 4 room apts.)
 Owner—D. H. McCorkle.
 Architect and McGor. of Const.—Douglas Stone, 354 Hobart St., Oakland.
 Sub-bids will be taken in one week.

LOS ANGELES, Cal.—Samuel F. Bard & Co., 566 Chamber of Commerce Bldg., have the contract for the erection of a six-story. Class B apartment building, 108x126 feet, at 840 S. Hobart Blvd. for Hobart Holding Co. Plans by F. A. Brown. The building will contain 241 rooms divided into 101 apartments; brick and steel frame construction. Cost, \$350,000.

Permit Applied For.

APARTMENTS Cost, \$35,000
BERKELEY, Alameda Co., Cal. No. 1765 Oxford Street.
 Three-story frame and stucco apartment building (33 rooms).
 Owner and Builder—H. W. Haler, 684 12th St., Oakland.
 Plans by Owner.

Preparing Working Drawings.

APARTMENTS Cost, \$650,000
SAN FRANCISCO, No. 2160 Pacific Ave.
 Fourteen-story Class A apartment building (250 rooms, all modern conveniences).
 Owner—E. Trapp, 105 Montgomery St., San Francisco.
 Architect—Douglas Stone, 354 Hobart St., Oakland.
 Plans will be ready for bids in 30 days.

LOS ANGELES, Cal.—Ben Kagan & Co., builder, 726 W. Washington Blvd., applied for building permit to erect two 4-story, 87-room, 40-family Class C brick apartment houses at 856 and 862 S. Catalina St. for E. Harris, owner; C. W. Powers, designer, 608 Hibernian Bldg. 50x140 feet and 50x142 feet. Cost \$200,000.

LOS ANGELES, Cal.—Architect Raphael Nicolais, 686½ S. Vermont Ave., has completed plans for a 5-story apartment building to be erected at 7070 Franklin Ave. for Mrs. Marie D. Richmond. It will contain 86 apartments, lobby, storage rooms, steel frame and brick construction. Cost \$100,000.

Contract Awarded.

APARTMENTS Cost, \$20,000
SAN FRANCISCO. W Broderick St. N Chestnut St.
 Two-story and basement frame and stucco apartment building (4 apts.)
 Owner—A. Mitchell, 3433 Broderick St., San Francisco.
 Architect—None.
 Contractor—A. E. Waldemar, 336 15th St., Oakland.

LOS ANGELES, Cal.—Jones & Edwards, 5880 Maywood Ave., Maywood, are completing working plans and A. S. O'Neil Construction Co., 811 H. W. Hellman Bldg., has the contract for the erection of a 7-story and basement class A apartment building at the corner of Hollywood Blvd. and El Cerrito Place; owner's name withheld; the building will contain 70 single, double and 3-room apartments, lobby, service rooms with a 45-car garage in the basement; steel

frame construction, reinforced concrete fireproofing, 50x150 feet. Financing for the building has been arranged by the Great Pacific Development Corp., 340 Roosevelt Bldg.

Preparing Working Drawings.

APARTMENT Cost, \$—
SAN FRANCISCO. NE Bay and Leavenworth Streets.
 Group of eight buildings (apartment buildings, flats and stores).
 Owner—Progressive Realty Co., 1101 Potrero Ave., San Francisco.
 Plans by Owner.

To Be Done By Day's Work.

APARTMENTS Cost, \$30,000
BERKELEY, Alameda Co., Cal. No. 2030 Dwight Way.
 Three-story frame and stucco apartment building (27 rooms).
 Owner and Builder—Felt Bros., 1728 Channing Way, Berkeley.
 Architect—Frances W. Reid, 1630 Jefferson St., Berkeley.

Contract Awarded.

APARTMENTS Cost, \$90,000
BERKELEY, Alameda Co., Cal. Arch St. near Hearst Ave.
 Three-story frame and stucco apartment building (72 rooms; all modern conveniences).
 Owner—L. N. and A. G. Cornell, 2852 Steiner St., San Francisco.
 Architect—Clay N. Burrell, American Bank Bldg., Berkeley.
 Contractor—G. H. Jovick, 2852 Steiner St., San Francisco.

SEATTLE, Wash.—Architect Harry Hudson, American Bank Bldg., is completing plans for client for an 11-story and basement reinforced concrete apartment-hotel to be erected at 8th Ave. and Spring St., 80 by 120 feet. Brick and terra cotta trim exterior; estimated cost \$750,000.

Plans Being Completed.

APARTMENTS Cost, \$600,000
OAKLAND, Alameda Co., Cal. Bellevue and Staten Aves.
 Fourteen-story steel frame and concrete apartment building.
 Owner—Belevue Community Apartments, Inc.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Contractor—Thebo, Starr & Anderton, Sharon Bldg., San Francisco.

Sub-Bids Being Taken

APT. BLDG. Cost, \$100,000
SAN FRANCISCO. NW Eddy and Laguna St.
 Six-story reinforced concrete apt. bldg. (96 rooms).
 Owner and Builder—William Van Herick, 1360 O'Farrell St.
 Architect—J. C. Hladik, Monadnock Bldg.

SAN FRANCISCO, Calif.—The Steel-form Contracting Co., Monadnock Bldg., have been awarded the column form clamp contract by H. L. Petersen, 163 Sutter St., in connection with the construction of an apartment building now under construction on Leavenworth and Union streets.

BONDS

WILLITS, Mendocino Co., Cal.—June 15 is date set in Willits Union High School District to vote bonds of \$125,000 to finance erection of a new high school. Trustees of the district are: A. B. Guslander, W. A. S. Foster, M. L. Sawyers and Flora M. Saxon.

SACRAMENTO, Cal.—Election will be held June 16 in Elder Creek School District to vote bonds of \$6000 to finance school improvements. Trustees of district are: H. C. Buford, Clyde M. Davies and Wallace Ogden.

Orders-Inquiries

60
pages

Send
for
FREE



POLK'S

Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.

Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your **FREE** Copy

R. L. POLK & CO., Detroit, Mich.

Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

REDWOOD CITY, San Mateo Co., Cal.—Election will be held June 18 in Redwood City School District to vote bonds of \$38,000 to finance maintenance of schools in district; constructing sidewalks and grading and paving streets about school property. Trustees of district are: John W. Poole and Henry Steinberger.

BAKERSFIELD, Kern Co., Cal.—Election will be held June 14 in Rockpile School District to vote bonds of \$11,000 to finance erection of new school. Trustees of district are: W. T. Spurlock, Paul Clement and J. J. Lloyd.

CORTE MADERA, Marin Co., Cal.—Second election will be called by town trustees to vote bonds of \$10,000 to be added to \$10,000, already available, to finance purchase of new motor fire engine and erection of new fire station. Election will be held probably June 12.

SAN JOSE, Santa Clara Co., Cal.—Election will be held June 16 in Encinal School District to vote bonds of \$30,000 to finance erection of new school. Trustees of district are: P. A. Ramelli, James Stevens and A. C. Geisenhoff.

ORANGE, Cal.—The trustees of Orange school district will call a special election to be held in June to vote \$95,000 bond issue for the purchase of a site and the erection of a new school building.

BAKERSFIELD, Kern Co., Cal.—Election will be held June 14 in Richland School District to vote bonds of \$25,000 to finance erection of new school. Trustees of district are: Samuel Lachenmaier, J. W. Nickel and E. G. Kolbenstetter.

COLUSA, Colusa Co., Cal.—Until June 12 bids will be received by county supervisors for purchase of \$25,000 bond issue of Princeton School District; proceeds of sale to finance erection of new school.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Election will be held June 15 in Mountain View School District to vote bonds of \$14,000 to finance school improvements. Trustees of district are: C. E. Kunze, Roger Sherman and Chas. H. Moore.

CHURCHES

SANTA MONICA, Los Angeles Co., Cal.—First Methodist Church and Grace Methodist Church, which were recently consolidated, have purchased a site, 150x150 feet, at the corner of 16th and California Sts., for the erection of a large church and religious educational buildings.

Bids To Be Taken Next Week.
CHURCH Cost, \$40,000
VALLEJO, Solano Co., Cal.
One-story brick church building.
Owner—First Church of Christ Scientist.
Architect—Henry H. Gutterson, 426 Powell St., San Francisco.

Preliminary Estimate Being Taken
CHURCH BLDG. Cost, \$60,000
OAKLAND, Alameda Co., Cal., Fruitvale Ave. and 17th St.
One-story reinforced concrete church building.
Owner—Third Church of Christ Scientist.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Engineer—W. L. Huber, First National Bank Bldg., San Francisco.

Bids To Be Taken Next Week
CHURCH Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.
One-story and balcony frame and stucco church building (seating capacity, 750).
Owner—Christian Science Society of Redwood City.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Contract Awarded.
CHURCH BLDG. Cost, \$12,000
OAKLAND, Alameda Co., Cal. S. Thirty-seventh St. and W. Market St.
One-story frame church building.
Owner—New Hope Baptist Church, 829 Thirty-third St., Oakland.
Architect—None.
Contractor—S. J. Wildy, 2769 Acton St., Berkeley.
Building permit applied for.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Application has been filed with the city council by the Church of the Latter Days Saints for a permit to erect a frame and plaster church in the Caudill Tract; estimated cost \$10,000. Bruce Hamilton is chairman of the building committee.

Plans Ready For Bids In Two Weeks.
ALTERATIONS Cost, 25,000
STOCKTON, San Joaquin Co., Cal.
Miner and San Joaquin Sts.
Remodeling of church building (43 rooms 2 banquet halls, etc.)
Owner—Central Methodist Church.

Architect—Davis-Pearce Co., 47 N-Grant St., Stockton, and Mayo & Bissell, 421 E-Miner St., Stockton, Associated.

There will be parlors for the church ladies, high school groups and college groups and kitchenettes for each. A new Sunday school will be provided and a church cathedral. A third floor, a mezzanine on the north side.

Contract Awarded
CHURCH ADDN. Cost, \$55,000
BERKELEY, Alameda Co., Cal. Dwight Way and College Ave.

One-story reinforced concrete addition to church building.
Owner—Berkeley Church of Christ Scientist.

Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—A. Cedarborg, 1455 Excelsior Ave., Oakland.

The only other bid was submitted by Walter Sorensen, Oakland.

TUSTIN, Orange Co., Cal.—Architects Marston & Maybury, 25 S Euclid Ave., Pasadena, preparing plans for church and Sunday school at Main and C Sts. for Presbyterian Church; Rev. S. F. Shiffler, pastor, and S. E. Tingley, chairman of building committee. Cost, \$50,000.

Plans Being Completed.
CHURCH Cost, \$27,000
STOCKTON, San Joaquin Co., Cal.—Miner and Sierra Nevada Streets.
Two-story brick church (Sunday school and social rooms).
Owner—East Side Presbyterian Church.
Architect—Davis-Pierce Co., Grant and Webster Sts., Stockton.
Bids will be taken in two weeks.

FACTORIES & WAREHOUSES

Plans Being Prepared.
DYING PLANT Cost, \$12,000
SAN RAFAEL, Marin Co., Cal. Fourth Street.
One-story reinforced concrete dyeing and cleaning plant.
Owner—Jules Risso.
Architect—S. Heiman, 57 Post St., San Francisco.
Bids will be taken in 3 weeks.

Sub-Contracts Awarded
WAREHOUSE Cost, \$175,000
SAN FRANCISCO, N Paul Ave., E San Bruno.
Three-story reinforced concrete warehouse.
Owner—D. M. Ferry & Co., 59 Front St. Detroit, Mich.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Reinforcing Steel—Bald Falk & Co., 74 New Montgomery St.
Brick Work—Mealey and Collins, 666 Mission St.
Rock, Sand and Gravel—Associated Gravel Co., 704 Market St.
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St.

VERNON, Los Angeles Co., Cal.—Wm. P. Neil Co., 4814 Loma Vista, completing plans and has the contract to erect a group of factory buildings at 3101 Fruitland Ave., Vernon, for the Illinois-Pacific Glass Co.; main building, 200x180 ft. There will be five other main buildings and a number of smaller structures covering a total of approx. two acres. Construction of brick, concrete, structural steel frame and corrugated iron. The work will require about 5000 yards of excavating. Cost, \$400,000. Bids on sub-contracts will be taken at once.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Pittsburg Plate Glass Co., is

said to be negotiating with the South San Francisco Land and Improvement Co. for a site on which to erect a glass manufacturing plant. P. J. Shaw of land company, however, denies that negotiations are under way. An extensive grading project now under way between avenue is declared to be the contemplated site.

CORCORAN, Kings Co., Cal.—Construction will be started shortly by J. Boswell Co., on a cottonseed cake warehouse, 60 by 200 feet, and a seed storage building, 60 by 150 feet.

LOS ANGELES, Cal.—Moran 1106 Garland Bldg., 740 S. Broadway, preparing working plans and has a contract for all work complete for erection of a large one-story woodworking plant at 610 Avalon Blvd. for Emanuel Halm; brick construction, 100x200 ft.

SISKIYOU COUNTY, Cal.—J. M. Lebon, Etna, Calif., at \$5,430 submitted a bid to Division Engineer, State Highway Commission, to erect maintenance station buildings at Ft. Goff Creek, Yuba County. Cert. check of Lemon, however, was insufficient. J. P. Brenner, Redding, at \$6,350 only other bidder. Engineer's estimate, \$5,062.

FRESNO, Fresno Co., Cal.—George Harm of the Terminal Warehouse Co. and Harm & Frasher, 1235 G Ct., Fresno, will have plans prepared for a \$50,000 terminal and warehouse on property recently purchased at R St. and Ventura Ave. Will have 77 ft. frontage, 2 St., 80 ft. in Ventura Ave. and 1 ft. along Southern Pacific R. R.

SACRAMENTO, Cal.—Firestone Tire Rubber Co., 1220 R St., Sacramento, has purchased site at NW corner of 16th and L Sts., 120 by 60 ft. and will erect branch office and super-service station at a cost of \$75,000.

HUMBOLDT COUNTY, Cal.—Pacific Lumber Co. of Scotia has been authorized by State Department of Public Works, Division of Water Rights, to divert 18.6 cubic feet of water per second from the Eel river in Humboldt county for domestic and industrial purposes in connection with a \$3,000,000 project. The company plans to construct a 150-ton paper and pulp mill and expects to complete the plant within a year.

Sub-Bids Being Taken.
ALTERATIONS Cost, \$10,000
SAN RAFAEL, Marin Co., Cal. On State Highway.
Alterations and additions to present dyeing and cleaning plant (add office, etc.)
Owner—Vandernalen's Dyeing & Cleaning Company.
Architect—S. Heiman, 57 Post St., San Francisco.
Low Bidder—Young & Horstmeyer, 1 Ord St., San Francisco.

LOS ANGELES, Cal.—Wm. P. Neil Co. 4814 Loma Vista, is taking bids on materials and subcontracts for erecting a group of brick, concrete, steel and corrugated iron factory buildings to be erected at 3101 Fruitland Ave., Vernon for the Illinois-Pacific Glass Co. Plans prepared by the engineering department of Illinois-Pacific Glass Co., P. D. Burth chief engineer, San Francisco. The cost is estimated at \$400,000.

Sub-Contracts Awarded.
COMPRESSOR BLDG. Cost, \$25,000
SAN FRANCISCO, North Beach Plant.
One-story brick compressor building.
Owner—Pacific Gas & Electric Co., 24 Market St., San Francisco.
Architect—Engineering Dept. of Owner.
Contractor—H. H. Larsen, 68 Post St., San Francisco.
Iron—Golden Gate Iron Works, 1541 Howard St., San Francisco.
Brick Work—United Materials Co., Sharon Bldg., San Francisco.
Wrecking and Excavating—McClure & Chamberlain, 608 Octavia St., San Francisco.
Steel Rolling Doors—Dwan & Co., 531 Sixth St., San Francisco.
Reinforcing Steel—Pacific Coast Steel Co., 111 Sutter St., San Francisco.
Mill Work—F. H. Chase Lumber Co., San Jose.

LOS ANGELES, Cal.—J. V. McNeil Co. 5860 Avalon Blvd., awarded contract for all work complete at approx. \$600,000 to erect automobile assembly plant in Laguna-Maywood Industrial tract for Willys-Overland Co.; Llewellyn Iron Works, Main and Redondo Sts., awarded subcontract at approx. \$112,900 to fur, and erect 1300 tons of structural steel and Los Angeles Junction Railroad Co., Downey Rd., has subcontract at \$10,000 for spur railroad track. Howe Bros., 1198 San Pedro St., will probably be awarded plumbing, heating and power plant equipment at about \$89,000; Newbery Electric Corp., 726 S. Olive St., the electric wiring at \$30,000 and Automatic Sprinkler Co., 423 Story Bldg., sprinkler system at \$40,480. The plant will consist of a group of buildings which includes the main building, one-story, 240x600 ft., two-story office and administration building, 50x140 ft., boiler and power plant building, 50x100 ft., and warehouse and oil storage building, 40x40 ft., one-story; the buildings will be of steel and brick construction. Architects Curlett and Beelman, 1020 Union Bank Bldg., commissioned as consulting architects and will supervise construction of the buildings. J. A. Sheldon, 439 Biltmore Hotel, is in charge of project for owner.

Preliminary Plans Being Prepared.
ADMINISTRATION BLDG Cost, —
OAKLAND, Alameda Co., Cal.
Administration building (height and type of construction not decided) and two hangars.
Owner—Alameda Airport, Inc., Capt. C. Thompson, President, 550 Howard St., San Francisco.
Architect—K. Bier, 550 Howard St., San Francisco.
Engineer—E. G. Burr, 550 Howard St., San Francisco.
Project is in a very preliminary stage.

GARAGES

GARAGE Cost, \$—
SAN FRANCISCO. Location withheld for the present.
Fireproof garage building.
Owner—Yellow Cab Co., 1290 Bush St.
Architect—Powers & Ahnden, 605 Market St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO, Cal.—Michel and Pfeffer Iron Works, Harrison and Tenth Sts., at \$1058 submitted low bid and was awarded contract by Constructing Quartermaster, Fort Mason, to erect wire fence at Fort Miley.

Following is a complete list of the bids received: Alt. No. 1, add. per lineal foot. Alt. No. 2, ded. per lineal foot.
Michel and Pfeffer Iron Works, \$1058; (1) .92; (2) .85.
Standard Fence Co., San Francisco, \$1089; (1) .94; (2) .84.
Anchor Post Fence Co., San Francisco, \$1110; (1) .94; (2) .84.

SAN DIEGO, Cal.—Following is a partial list of prospective bidders to construct salt water pumping station at San Diego, bids for which will be opened June 13, by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5478: Aldrich Pump Co., Allentown, Pa.; Fairbanks, Morse & Co., 115 El Lombard St., Baltimore; Newport Contracting & Engineering Co., Law Bldg., Newport News, Va.; Austin Engineering Co., 566 Southern Blvd., New York City.

SAN FRANCISCO.—American Dredging Co., 255 California St., at \$14,924.70 (34.5c) submitted low bid to U. S. Engineer Office, for dredging in Oakland Harbor, involv. 43,260 cu. yds. Bid referred to Washington for action.

SAN FRANCISCO, Cal.—Until June 14 3 P. M., bids will be received by Supervising Architect, Treasury Department, Washington, D. C., to construct new additional storage vault at U. S. Mint, San Francisco. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Senator Shortridge seeks an \$800,000 appropriation to finance erection of a branch office building in Los Angeles for the Federal Reserve Bank of San Francisco.

WASHINGTON, D. C. — President Coolidge has signed bill authorizing appropriation of \$15,000,000 for additional hospital facilities for the care of mentally afflicted World War Veterans.

SAN FRANCISCO, Cal.—The following contracts were awarded by Constructing Quartermaster, Ft. Mason, for re-roofing buildings Nos. 174-178-176-376-337-385 and 6 at Presidio:

American Roofing Co., 68 Belcher St., building No. 174, \$308.99; No. 176, \$308.99; No. 178, \$301.05.

F. J. Dunn Roofing Co., 201 So. Hill Blvd., No. 376, \$150; No. 337, \$55; No. 385, \$25.

Star Roofing Co., 1562 Hayes St., No. 6, \$63.

SAN FRANCISCO—C. B. Sovig, 248 Oak St., submitted low bid at \$595, and was awarded contract by Constructing Quartermaster, Fort Mason, for painting officers' quarters at Fort Miley.

Other bidders were: F. L. Dixon, San Francisco, \$640; Werner Fisher, \$710; E. Anderson, \$860; Taylor & Harris, \$900; Monroe Moore, San Francisco, \$920; J. Chaban, San Francisco, \$950; Eastman & Moffatt, \$990; Chas. Sparvesser, \$1000 Zeb Knott, Richmond, \$1072.

TUCSON, Ariz.—Cyclone Fence Co., Waukegan, Ill., at \$12,500 awarded contract by U. S. Veterans' Bureau, Washington, D. C., for fence and gates at Veterans' Hospital, at Tucson.

WASHINGTON, D. C.—Until June 26, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Building, Washington, D. C., to erect store house at Walla Walla, Wash., involving excavating, concrete, hollow tile, damp-proofing, carpentry, wire guard grilles, windows, pressed steel door frames, metal covered doors, hardware, painting, glazing, but not including plumbing, heating and electrical work. Plans obtainable from Construction Division, U. S. Veterans' Bureau, at Washington or from Medical Officer in charge at the hospital.

ALEXANDRIA, La.—Until July 5, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg. Washington, D. C., to erect building and utilities, including roads, walks and drainage at Veterans' Hospital at Alexandria. Separate bids will be received for building construction, plumbing, heating electrical work, electric elevators, ice-making and refrigerating plant and concrete chimney. See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Until June 19, bids will be received by Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, for alterations to Brig at the Naval Operating Base (Hospital), San Diego, under Spec. No. 5599, obtainable upon deposit of \$10. The contract work includes in general the following: (a) removal of the existing metal fronts on nine prison cells;

(b) the removal of existing window guards on seven exterior windows; (c) the provision and installation of new steel cell fronts and window guards to replace those removed; (d) the removal of existing exterior double wood door on inside face of basement entrance, and the reinstallation of the doors on the outside face of wall; (e) the provision and installation of new steel grille doors at basement entrance and in stair well leading from first floor to basement; (f) the walling up with concrete of two openings in basement walls leading into pipe arches; (g) the removal of existing concrete steam trench covers, at two points, and the provision and installation of new concrete covers in which there shall be incorporated new metal manhole frames and covers. Geo. A. McKay, Capt. (C. E. C.), U. S. N., public works officer.

Sub-Contracts Awarded
BARRACKS Cont. Price, \$444,415
PEARL HARBOR, T. H. Submarine Base
Five reinforced concrete buildings and steam generating plant, barracks, etc. Owner—United States Government.
Architect—U. S. Bureau of Yards and Docks, Washington, D. C.
Contractor—C. A. Blume, 1327 Sixth Ave., San Francisco.
Lumber—McCallum Lbr. Co., 748 Bryant St., San Francisco.
Glass—W. P. Fuller, 301 Mission St., San Francisco.

Slate—Structural Slate Co., Honolulu.
Hardware—Sims & Cooke, Honolulu.
Cement—American Factors Co., Honolulu.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Miscellaneous Steel—Sims & Gray, 550 Bryant St., San Francisco.
Window, Weights, Etc.—Enterprise Foundry Co., 2902 19th St., San Francisco.
Painting—W. P. Fuller Co., 301 Mission St., San Francisco.
Rock and Sand—Honolulu Con.-Drying Co., Honolulu.
As previously reported, all other work, including plumbing, heating, wiring and refrigeration, was let to Ralph E. Wooley, Honolulu, on a combined bid of \$128,000.

WASHINGTON, D. C.—James Bill for housing construction at military posts, passed by the House of Representatives and sent to the Senate for approval provides \$452,400 for improvements at Crissy Field, San Francisco and \$150,000 for additions to the Letterman General Hospital at the San Francisco Presidio. Other California locations provided for include: March Field at Riverside, \$250,800 and Rockwell Field, \$258,000.

HALLS AND SOCIETY BUILDINGS

Correction In Type Of Construction.
GYMNASIUM Cost, \$40,000
SAN FRANCISCO. N Silver Avenue E Cambridge Street.
One-story and basement brick gymnasium building.
Owner—Salvatore Army, 36 McAllister St., San Francisco.
Architect—R. F. Inwood, Long Beach.
Contractor—Geo. T. Gayton, 36 McAllister St., San Francisco.

Low Bidder
CLUB BLDG. Cont. Price, \$50,270
BERKELEY, Alameda Co., Cal. Bancroft Way and College Ave.
Four-story frame and stucco club bldg. Owner—College Women's Club of Berkeley, 2642 Bancroft Way, Berkeley.
Architect—Walter Steilberg, 1 Orchard Lane, Oakland.
Low Bidder—Conner & Conner, 1726 Grove St., Berkeley.
Contract will be awarded in one week.
As previously reported, Wrecking awarded to Dolan Bros. Wrecking Co., 3006 San Pablo Ave., Oakland.

OAKLAND, Cal.—Until June 25, 10:30 A. M., bids will be received by George E. Gross, county clerk, to fur, and install electric lighting fixtures in Veterans' Memorial Building in Adams Park. Cert. check 10% payable to clerk req. with bid. Plans obtainable from Henry H. Meyers, architect, Kohl Bldg., San Francisco.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

VENTURA, Ventura Co., Cal.—The Knights of Pythias Lodge plans erection of a new lodge building on Ash St. Est. cost \$50,000.

OAKLAND, Alameda Co., Cal.—The following bids were received by George E. Gross, county clerk, to fur. and instal certain seats in lodge rooms of Veterans' Memorial Building at Adams Park. Henry H. Meyers, architect, Kohl Bldg., San Francisco:

F. H. Harder Mfg. Co., 1563 Mission St., San Francisco, (1) 2313; (2) 2469; (3) 2595.

Heywood Wakefield Co., S. F., (1) 3628; (2) 3807; (3) 3993.

Schuler and MacDonald, Oakland, (1) 2864; (2) 4074; (3) 4465.

Burnhardt, Inc., (1) 4137.50; (2) 4325; (3) 4675.

Bids taken under advisement until May 31st.

Commissioned To Prepare Plans CLUB BLDG. Cost, \$200,000

SACRAMENTO, Sacramento Co., Cal. 9th and M Sts., facing Capital Square.

Four or five-story reinforced concrete club building.

Owner—Sutter Club.

Architects—Dean & Dean, California State Life Bldg., Sacramento, and Starks & Flanders, Ochsner Bldg., Sacramento, associated.

Plans Being Prepared.

BUILDING Cost, \$60,000

SAN JOSE, Santa Clara Co., Cal.

Two-story brick building, 48x116 feet.

(Salvation Army Headquarters.)

Owner—San Jose Salvation Army.

Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.

Financing arrangements are now under way.

HOSPITALS

Plans Being Prepared—Contract Awarded HEALTH BLDG. Cost, \$18,000

STOCKTON, San Joaquin Co., Cal.

American Street.

One-story brick health building (site 50x100 feet).

Owner—Mrs. Carrie Davidson & Samuel Davidson, her son. (Structure to be leased to San Joaquin Public Health District).

Architect—Ralph Morrell, Mail Bldg., Stockton.

Contractor—Louis Peletz, 619 E-Miner St., Stockton.

Plans will be completed in 60 days at which time sub-bids will be taken.

Plans Being Completed

PREVENTORIUM Cost, \$50,000

SAN JOSE, Santa Clara Co., Cal.

One-story frame and stucco preventorium

Owner—Santa Clara County.

Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

Bids will be taken in about two weeks.

EL CERRITO, Contra Costa Co., Cal.—

Baptist Home for Chinese Boys, now located in Berkeley, has purchased 5½-

acre tract in El Cerrito and plans erection of new structures costing \$100,000.

SANTA CRUZ, Santa Cruz Co., Cal.—

Wilson & McGranahan, 75 Ocean View St., Santa Cruz, at \$9298, submitted low bid and were awarded contract by H.

E. Miller, county clerk, to erect one-story frame tubercular unit with open and closed wards at county hospital.

L. D. Esty, architect, Alta Bldg., Santa Cruz.

Other bidders were: Palmer & Bal-

singer, Santa Cruz, \$11,156; The Minton Co., Mt. View, \$11,747; W. A. White, Santa Cruz, \$12,825.

Contract Awarded.

HOSPITAL Cost, \$40,000

FRESNO, Fresno Co., Cal.. Fulton and

Amador Sts.

One-story brick and concrete hospital,

64x34 feet.

Owner—Group of Fresno Physicians.

Architects and Contractors—Shields,

Fisher & Lake, Rowell Bldg., Fresno

Those interested in the financing of

this structure include: Dr. A. E. Anderson, J. H. Pettis, D. L. Aller, W. E.

R. Schottstaedt, T. F. Madden, and Dr.

L. Willson.

LOS ANGELES, Cal.—L. J. Seckels,

1277 W. 24th St., has been awarded contract and will start work within a few

days on the construction of a three-story Class A clinic building, 113x72 feet, at 1241-45 Shatto St. for the Good Hope Hospital Assn. Will S. Hebbard, architect, 633 I. W. Hellman Bldg. The building will contain treatment and operating rooms and offices; reinforced concrete construction; incinerator, low pressure steam heating system with gas-fired boiler, forced draft ventilation, water softening and filtration plant, sterilizers, steel lockers and cabinets; cost \$100,000.

Electrical Contract Awarded

HOSPITAL Cost, \$250,000

FRESNO, Fresno Co., Cal. Villa Addition.

Three-story and basement reinforced

concrete hospital (plaster exterior).

Owner—Sisters of Holy Cross, South

Bend, Indiana.

Architect—Alfred I. Coffey, Phelan Bldg.,

San Francisco.

Contractor—Barrett & Hilp, 918 Harrison

St., San Francisco.

Electrical Work—Electric Construction

Co., 1228 H St., Fresno.

As previously reported, reinforcing steel

awarded to Batt Falk & Co., 74 New

Montgomery St., San Francisco.

SALEM, Ore.—Until June 4, 1:30 P. M., bids will be received by State Board of Control at Salem for general construction of nurses' home at Oregon State Hospital grounds. F. H. Struble, architect, Portland. Plans obtainable from State Board of Control at Salem and from architect.

SAN FRANCISCO, Cal.—The following bids were received by Constructing Quartermaster, Fort Mason, to construct timber bulkhead at Crissy Field:

Healy Tibbitts Const. Co., 64 Pine

Street.....\$4550

Eastman & Moffatt, San Francisco..... 4685

James Currie, San Francisco..... 4720

M. B. McGowan, San Francisco..... 5146

Ben. C. Gerwick, San Francisco..... 5217

A. W. Kitchen, San Francisco..... 5968

HOTELS

Owner Taking Bids.

HOTEL Cost, \$50,000

GREENVILLE, Plumas Co., Cal.

Two-story frame and stucco hotel building (30 rooms).

Owner—Harry West, Greenville.

Architect—H. C. Baumann, 251 Kearny

St., San Francisco.

PRATT'S

CONCRETE

MIX

Clarence
by Sand
Pratt



SO MANY men.

GO ABOUT the streets.

WITHOUT HATS.

THAT THE hat manufacturers.

AND THE retail hatters.

ARE BEGINNING to worry.

ABOUT THIS new fad.

BUT CLARENCE (Sandy) Pratt, President.

OF THE Pratt Building Material Co.

SAW THE delivery boy.

OF A well-known hat store.

GOING DOWN Market Street.

WITH HIS arms full.

OF HAT boxes.

BUT NO hat.

ON HIS head.

THIS SEEMED to Sandy.

LIKE THE wrong way.

TO DISCOURAGE the hatless man.

WHAT WOULD you think.

IF SANDY Pratt, producer.

OF CLEAN, sharp sand.

AND CLEAN rock and gravel.

AT SACRAMENTO, Marysville.

PRATTROCK (NEAR Folsom).

PRATTCO (MONTEREY County).

AND MAYHEW (Sacramento County).

CENTRAL OFFICE—San Francisco.

CARRIED A couple of bricks.

IN HIS pockets.

AS HE flipped.

FROM STREET to street.

AND CITY to city.

FOR SANDY advocates the use.

OF CONCRETE buildings and highways.

AND CARRIES a few "rocks."

IN HIS pocket.

AND PLENTY of "sand."

IN HIS craw.

SANDY'S SALESMEN cannot.

CARRY A wooden cane.

OR WEAR a wooden leg.

SANDY SELLS rock and sand.

AND NOT lumber.

"I THANK you."



B. A. Sandab and Miss Rock Candy were married on April 1st, 1869, but both have and wore hats. They do not believe in all these new ideas of hatless men and short-skirted women. Miss Rock Candy made all her wedding underclothes of flour sacks, but show Sandy Pratt, producer of sand, rock and gravel at Sacramento, Marysville, Prattrock (near Folsom) Prattco (Monterey County) and Mayhew (Sacramento County), (Central office—San Francisco) the husband or father of 1928, who has the backbone to even suggest underclothes only of a silkish nature.

SEATTLE, Wash.—Architect E. T. Osborn, Leary Bldg., has completed plans for six-story brick and terra cotta hotel to be erected for the Olive Way Improvement Co., McDowall Bldg., in Olive Way; est. cost \$175,000. Will contain 100 rooms all of which will have private bath; site is irregular. 102x72. 55x30 feet.

PORTLAND, Ore.—Stebinger Bros., 300 Broadway, awarded contract to erect 100 hotel for Sande Hotel Co. at E-6th and Yamhill Sts., plans for which are being prepared by Architect Geo. M. Post, 433 E-24th St., North Portland. Will be ten-story reinforced concrete construction faced with brick and terra cotta or stone; 90 by 100 feet.

MONTEBELLO PARK, Los Angeles Co., Cal.—Architects and Engineers Nostrom & Anderson, 603 National City Bank Bldg., are preparing working plans and Lawton & Rivers, 603 National City Bank Bldg., have the contract for a 2-story Class C brick store and hotel building at the corner of Mines and Garfield Aves., Montebello Park, for the J. B. Ransom Corp.; the building will contain 6 stores, super-service station and 20 hotel rooms with 100% baths. Cost \$60,000.

ICE AND COLD STORAGE PLANTS

Work Started.
ICE PLANT Cost, Approx. \$200,000.
SAN JOSE, Santa Clara Co., Cal., Wilson Avenue.
reinforced concrete ice plant (204x455 feet).
Owner—Union Ice Co., 354 Pine St., San Francisco.
Architect—Engineering Dept. of Owner
Contractor—W. W. Williamsen, 320 Market St., San Francisco.

POWER PLANTS

ALTURAS, Modoc Co., Cal.—People's Hydro Electric Corp., plans early erection of electric plant on Pine Creek near Alturas to supplant old plant now furnishing power to city of Alturas and other parts of the Pit River and Surprise Valley; new plant will be 300-k. w. unit.

SAN JOSE, Santa Clara Co., Cal.—Pacific Tel. & Tel. Co., has started construction of a cable line between San Jose and Los Gatos; est. cost \$276,000.

PUBLIC BUILDINGS

LOS ANGELES, Cal.—Los Angeles Police Commission has approved floor plans prepared by Charles O. Brittain, superintendent of the Los Angeles City Construction Department, for the Hollywood branch police station to be erected at De Longpre and Wilcox Aves. It will be a two-story and basement structure, 104x60 feet, and will contain a garage, offices, cells, jail kitchen, assembly room and lockers. The basement story will be class A construction and the upper portion class C; reinforced concrete and brick walls; cost, \$140,000. Work will be done under the supervision of the city construction department.

PHOENIX, Arizona—The bids received for erecting new court house and municipal building at Phoenix, Arizona, were as follows:

General Contract—Edwards, Wildey & Dixon, Court House—\$502,600 for limestone exterior, (a) add for sandstone \$33,600; (b) deduct for Tufa stone \$17,000; (c) deduct for terra cotta \$27,700; (d) deduct for face brick \$16,000; (e) deduct for alternate type of windows \$6000.

John W. Howard, Cheyenne, Wyo., \$485,000; (a) \$40,000; (b) \$3500; (c) same; (d) \$14,000; (e) \$4980.

Clinton Campbell, Phoenix, \$495,677; (a) \$39,077; (b) \$16,182; (c) \$14,860; (d) \$15,215; (e) \$5305.

Joseph E. Morgan, El Paso, \$499,790; (a) \$36,600; (b) \$3400; (c) \$5990; (d) \$10,852; (e) \$4900.

Sumner-Sollitt Co., Los Angeles, \$528,350; (a) \$30,000; (b) \$20,000; (c) \$10,000; (d) \$23,000; (e) \$4000.

Stewart-McGehee Co., Little Rock, Ark., \$530,000; (a) \$30,000; (b) \$12,000; (c) \$15,000; (d) \$12,000; (e) \$5500.

Central Constr. Co., Dallas, Texas, \$530,000; (a) \$37,000; (b) \$14,000; (c) \$16,800; (d) \$20,500; (e) \$3000.

Lange & Bergstrom, Los Angeles, \$532,000; (a) \$41,000; (b) \$7000; (c) \$27,000; (d) \$24,000; (e) \$6900.

G. F. Campbell, \$549,939; (a) \$39,000; (b) \$4000; (c) \$10,000; (d) \$7600; (e) \$2600
Caldwell Bros., Des Moines, Ia., \$550,000; (a) \$26,500; (b) \$5000; (c) \$26,500; (d) \$18,400; (e) same.

Salmon Shaefer & Jarboe, \$560,000, (a) \$36,000; (b) \$33,000; (c) \$10,000; (d) \$24,000; (e) same.

R. E. McKee, \$529,000; (a) \$39,000; (b) \$6000; (c) \$5800; (d) \$16,500; (e) \$3400.

J. H. Wiese Co., Omaha, \$531,000, (a) \$43,000; (b) \$24,000; (c) \$27,000; (d) \$16,000; (e) \$5000.

MacDonald & Kahn, \$548,000; (a) \$40,000; (b) same; (c) \$9000; (d) \$10,000; (e) \$9000.

CITY HALL—Edwards, Wildey & Dixon, \$227,000; (a) \$13,000; (b) \$3500; (c) \$6600; (d) \$8200; (e) \$3200.

John W. Howard, \$283,000; (a) \$12,000; (b) \$2500; (c) same; (d) \$1500; (e) \$2330.

Clinton Campbell, \$281,677; (a) \$12,790; (b) \$10,988; (c) same; (d) \$10,013; (e) \$3022.

Joseph E. Morgan, \$301,133; (a) \$12,600; (b) \$2620; (c) \$120; (d) \$6163; (e) \$3835.

Sumner-Sollitt Co., \$289,990; (a) \$10,000; (b) \$10,000; (c) \$100; (d) \$8000; (e) \$2000.

Stewart-McGehee Co., \$300,000; (a) \$14,000; (b) \$6000; (c) \$6000; (d) \$6000; (e) \$200.

Central Constr. Co., \$309,800; (a) \$12,650; (b) \$8000; (c) \$12,000; (d) \$8600; (e) \$1900.

Lange & Bergstrom, \$317,000; (a) \$13,000; (b) \$5000; (c) \$9700; (d) \$9700; (e) \$4100.

G. F. Campbell, \$302,946; (a) \$20,000; (b) \$3000; (c) \$3000; (d) \$4000; (e) \$1700.

Caldwell Bros., \$326,817, (a) \$8400; (b) \$3500; (c) \$3100; (d) \$7678; (e) same.

Salmon Shaefer & Jarboe, \$312,000, (a) \$10,500; (b) \$12,000; (c) \$1000; (d) \$9000; (e) same.

R. E. McKee, \$297,900, (a) \$13,000; (b) \$3000; (c) same; (d) \$9000; (e) \$2900

J. H. Wiese Co., \$332,000, (a) \$14,000; (b) \$16,000; (c) \$10,000; (d) \$10,000; (e) \$2500.

MacDonald & Kahn, \$307,000, (a) \$13,500; (b) same; (c) \$2000; (d) \$5000; (e) \$3500.

Plumbing—Court House: J. A. Brennan, \$41,437; F. D. Reed Co., \$33,087; L. T. Dale, Phoenix, \$36,222.

Heating—Court House: Elliott Engr. Co., \$52,937; Dixie Heating & Vent. Co., \$67,947; Kinnison Bros., \$62,818; F. D. Reed Plumbing Co., \$63,977; South-

western Mfg. & Supply Co., Phoenix, \$64,497; D. S. Horrell Plumbing Co., Phoenix, \$69,438.

Electric Work—Court House: American Electric Constr. Co., \$13,281; Howard P. Foley Co., \$12,200; Southside Gas & Elec. Co., Mesa, \$12,143; New State Electric Co., Phoenix, \$12,347; Newbery Elec. Corp., \$11,835; Roberts Elec. Co., Phoenix, \$20,045; James G. English, \$10,300; Ernest R. Damarus, \$15,000; Electrical Installation Corp., \$11,866; Broome Electrical Co., \$12,587; Dallas Electric Co., \$14,750; W. A. Thomsen, Phoenix, \$14,988.32.

GLENDALE, Los Angeles Co., Cal.—Architect Alfred F. Priest, 719 Fay Bldg. Los Angeles, completing plans for a six-story and basement class A municipal building to be erected on North Howard St. for the City of Glendale; 50x140 ft., structural steel frame construction, reinforced concrete floors and filler walls; cost, \$160,000.

PHOENIX, Ariz.—Edwards, Wildey & Dixon, Edwards-Wildey Bldg., Los Angeles awarded general contract at \$474,900 for new court house for Maricopa County. Bids for the erection of the city hall section of the building were held under advisement. The contract for the court house was awarded on the alternate bid for terra cotta and stone exterior facing; reinforced concrete construction. Edw. F. Neild, Shreveport La., architect for court house and Lescher & Mahoney, Phoenix, architects for city hall.

SACRAMENTO, Cal.—The following bids were received by George B. McDougall, State Architect, Forum Bldg., Sacramento, for alterations to the Supreme Court at State Capitol:
George Hudnutt, Inc., 1915 S St., Sacramento.....\$25,000
Carl N. Swensen, San Jose..... 27,000
Peter Sorensen, San Francisco..... 27,249
Fraser & Fraser, San Francisco..... 29,900
Bids taken under advisement.

RESIDENCES

Contract Awarded
BUNGALOW Cost, \$5,000
SAN RAFAEL, Marin Co., Cal.
One-story frame and stucco bungalow.
Owner—Mrs. E. Foster, San Rafael.
Architect—Thomas O'Connor, 524 4th St., San Rafael.
Contractor—M. Linggi, Fairfax.

Bids Opened
RESIDENCE Cost, \$15,000
WOODSIDE HEIGHTS, San Mateo Co.
Two-story eight-room frame residence (Colonial type).
Owners—Mr. and Mrs. J. Seagrave, 2224 Grove St., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Low Bidder—Charles Hammer, Burlingame, \$12,267.

Other bidders were: Joseph Howard, San Francisco, \$12,750; Arthur Layne, Redwood City, \$13,224; Peter J. Koehorst Woodside, \$13,311; C. E. Fowler, Burlingame, \$15,000.

Contract will probably be awarded to the low bidder.

Working Drawings Being Completed—To Be Done by Day's Work.

DWELLING Cost, \$3500
COLLEGE CITY, Colusa County, Calif.
One-story frame and stucco dwelling, 7-rooms, 1-bathroom.

Owners—Mr. and Mrs. Audrey Peart, College City, Cal.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento, Cal.

Specifications will provide for concrete foundations; Cordova tile roofing; Yosemite cement stucco exterior; Mueller hot air heating system; Standard plumbing goods.

Sub-Bids Being Taken
RESIDENCE Cost, \$46,000
SAN FRANCISCO, NW Jackson and Maple Streets.

Two-story and basement frame and stucco residence.
Owner—E. S. Newman, Claus Spreckles Bldg., San Francisco.
Architect—George A. Applegarth, Claus Spreckles Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Teahama St., San Francisco.
Grading—Sibley Grading & Teaming Co., 165 Landers St.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT
Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.
School, Hospital and Institutional Work our Specialty
General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Plans Being Completed
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal., Spruce and Arch Sts.
 Two-story frame and stucco residence (7 rooms and 2 baths.)
 Owner—Mr. Bruns.
 Architect—B. Reede Hardman, First National Bank Bldg., Berkeley.
 Plans will be ready for bids in one week.

Contract Awarded.
RESIDENCE Cost, \$22,680
BERKELEY, Alameda Co., Cal. No. 117 South Hampton Road.
 Two-story frame and stucco residence (10 rooms and garage.)
 Owner—Mrs. Ethel V. Warner, Livermore.
 Architect—Williams & Wastell, 274 17th St., Oakland.
 Architect—Albert Haskell, 255 Ridgeway, Oakland.
 Building permit applied for.

Contract Awarded.
RESIDENCE Cost, \$8,000
PACIFIC GROVE, Monterey Co., Cal.
 One-story frame and stucco residence.
 Owner—R. B. Sawyne, Royal Insurance Bldg., San Francisco.
 Architect—Shea & Shea, 454 Montgomery St., San Francisco.
 Contractor—J. C. Anthony, 414 Fremont St., San Francisco.

Permit Applied For.
RESIDENCE Cost, \$11,000
BURLINGAME, San Mateo Co., Cal. Hillside Drive.
 Two-story frame and stucco residence.
 Owner and Builder—Ed. S. Shaver, 1401 Carmelita St., Burlingame.
 Architect—None.

Contract Awarded.
RESIDENCE Cost, \$10,900
ATHERTON, San Mateo Co., Cal. Atherton Acres.
 Two-story frame and stucco residence.
 Owner—A. L. DeLuca, 443 20th Ave., San Francisco.
 Architect—Oscar Thayer, 110 Sutter St., San Francisco.
 Contractor—Frachia & Tuffelli, 245 Chestnut St., San Francisco.

Work Started.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal., Oak Knoll Knoll.
 Two-story frame and stucco residence (English type).
 Owner—Dr. A. Tichenor, 1906 Franklin St., Oakland.
 Contractor—W. F. Schneck, Premises.

Contract Awarded
RESIDENCE & GARAGE Cost, \$24,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and stucco residence and garage.
 Owner—E. A. Freeman, El Portal, San Mateo.
 Architect—None.
 Contractor—Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

Sub-Bids Being Taken
RESIDENCE Cost, \$14,000
SAN MATEO, San Mateo Co., Cal., Baywood.
 Two-story hollow tile residence (8 rooms, 3 baths).
 Owner and Builder—J. L. Reynolds, 30th and Taraval Sts., San Francisco.
 Architect—Grimes & Scott, Balovich Bldg., San Mateo.

OROVILLE, Butte Co., Cal. — Dorn-Strain Realty Co., of Marysville, promoting the Feather River Forest Homes project, a new mountain resort opened at Berry Creek, 18 miles from Oroville, announce construction will be started shortly on ten summer homes. The project is located between the 2000 ft. and 3000 ft. elevation and lies in the heart of a virgin country, surrounded by cliffs, forests and deep canyons.

LOS ANGELES, Cal.—S. M. Benet & Co., builders, Administration Bldg., Bel-Air, seeks building permit for 22-room, 2-story frame and stucco residence, 114x84 feet, at 135 Copley Pl. for Paul H. Helms; Gordon B. Kaufmann, architect, 610 Union Bank Bldg.; electric refrigerator, baths, tile showers, gas-steam radiators and gas unit heating system electrically controlled, water softener; \$100,000.

Sub-Contracts Awarded
RESIDENCE Cost, \$65,000
ATHERTON, San Mateo Co., Cal.
 Two-story 15-room frame and stucco residence (Spanish type).
 Owner—Leslie M. Moore.
 Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.
 Contractor—Chas. Stockholm & Son, Russ Bldg., San Francisco.
Electrical Work—Stanford Elec. Co., Palo Alto.
Plumbing—H. R. Park, 1230 Broadway, Burlingame.
 Other sub-contracts will be awarded shortly.

Plans To Be Prepared.
RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. St. James Wood.
 Two-story frame and stucco residence (terra cotta tile roof).
 Owner—M. C. Chapman Jr.
 Architect—W. E. Schirmer, 700 21st St., Oakland.

Sub-Bids Being Taken.
RESIDENCE Cont. Price, \$12,267
WOODSIDE HEIGHTS, San Mateo Co.
 Two-story eight-room frame residence (Colonial type).
 Owner—Mr. and Mrs. J. Seagrave, 2224 Grove St., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
 Contractor—Chas. Hammer, 1524 Florenda St., Burlingame.

Completing Plans
RESIDENCE Cost, \$10,000
HILLSBOROUGH PARK, San Mateo Co.
 Two-story frame and stucco residence (4 rooms, Spanish type).
 Owner—Mrs. William Gross.
 Architect—Clarence Jackson, First National Bank Bldg., San Mateo.
 Bids will be taken about May 29th from a selected list of local contractors.

Sub-Bids Being Taken
RESIDENCES Cost \$16,000 each
SAN FRANCISCO, NE Montalvo and Paloma.
 Two 2-story frame and stucco residences (8 rooms each).
 Owner & Builder—A. J. Herzig, 1945 Ocean Ave.
 Architect—D. E. Jaekle, 395 Justin Drive.

Contract Awarded.
RESIDENCE Cost, \$25,000
WOODSIDE, San Mateo Co., Cal.
 Two-story nine-room frame and stucco residence.
 Owner—Mr. Smith.
 Architect—Willis Polk Co., 277 Pine St., San Francisco.
 Contractor—Meese & Briggs, 1425 Broadway, Burlingame.

Plans Being Figured.
RESIDENCE Cost, \$30,000
WOODSIDE, San Mateo Co.
 Two-story frame and stucco country home, 14 rooms.

Owner—E. R. Dimond.
 Architect—Miller & Pflueger, 580 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal. Poplar and Morris Sts.
 Two-story frame and stucco residence with tile roof.
 Owner—Roy Butcher, 60 S-Willard St., San Jose.
 Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.
 Contractor—William M. Meyer.

Sub-Bids Being Taken
RESIDENCE Cost, \$10,000
ROSS, Marin Co., Cal.
 1½-story frame and stucco residence (6 rooms).
 Owner—Herman Remensberger.
 Architect—Pring & Lesswing, 17th and Valencia Sts., San Francisco.
 Contractor—Young & Horstmeyer, 461 Market St., San Francisco.

Preparing Sketches.
RESIDENCE Cost, \$150,000
PEBBLE BEACH, Monterey Co., Cal.
 Two, three, four and five-story reinforced concrete residence.
 Owner—Chas. Crocker.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

SCHOOLS

Plans Being Prepared
SCHOOL BLDG. Cost, \$25,000
PRINCETON, Colusa Co., Cal.
 One-story brick veneer school bldg. (3 classrooms).
 Owner—Princeton Grammar School Dist.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg., San Jose.
 Plans will be ready for bids in three weeks.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by John W. Edgemond, Secty., Board of Education, to erect McClymonds High School gymnasium in north side of 26th St. bet. Filbert and Linden Sts. Will be one-story brick construction; est. cost, \$90,000. Plans by Buildings and Grounds Department, Board of Education. Robert King, electrical engineer, 2601 Kingsland St.

General Work
 Alfred Olsen, 531 Viona Ave., Oakland, \$89,976.

Finish Hardware
 Maxwell Hardware Co., 1320 Washington St., Oakland, \$2,198.
 The Masti-Pave Flooring was taken under advisement.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures
Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1907

Commissioned To Prepare Plans.
SCHOOL. Cost, \$—
LEBANON, Alameda Co., Cal.
 Two-story frame and stucco school building (6 classrooms).
 Owner—Albany Board of Education.
 Architect—Davis-Pearce Co., 47 N. Grant St., Stockton.

Plans Being Completed.
SCHOOL. Cost, \$175,000
LACERVILLE, El Dorado Co., Cal.
 Reynolds property near Memorial Park.

Two-story eighteen-room Class B brick high school building.
 Owner—Placerville Union High School District.
 Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.
 Bids will be taken in two weeks.

Plans Approved.
GYMNASIUM. Cost, \$50,000
MODESTO, Stanislaus Co., Cal., Junior College.

One-story brick gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 47 North Grant St., Stockton.

A meeting is being held June 4th at which time a date will be set for opening the bids.

Contract Awarded.
SCHOOL. Cont. Price, \$8443.30
STOCKTON, San Joaquin Co., Cal.
 One-story frame and stucco school building.
 Owner—Waverly School District.
 Architect—None.
 Contractor—A. S. Lone, 1430 N-Hunter St., Stockton.

Plans Being Completed.
ADDITION. Cost, \$33,000
OAKLAND, Alameda Co., Cal. Telegraph and Alcatraz Aves.
 Four-room addition to present school building.
 Owner—City of Oakland, Board of Education.
 Architect—W. E. Schirmer, 700 21st St., Oakland.
 Plans will be ready for bids in 1 week

Sub-Contract Awarded
SCHOOL. Cost, \$46.00
SAN FRANCISCO, Franklin Street and Broadway.
 Three-story and basement reinforced concrete school building (6 classrooms; first unit of Parochial School).
 Owner—St. Bridgit's School (Rev. J. P. Cantwell, Director).
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
 Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
 Contractor—J. E. Scully, Phelan Bldg.
 Concrete Work—H. L. Petersen, 163 Sutter St., San Francisco.
 Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
 Plastering—Leonard Bosch, 666 Mission St., San Francisco.
 Structural Steel—McClintic Marshall Co., 2050 Bryant St., San Francisco.
 Heating—Scott Co., 243 Minna St., S. F.
 Plumbing—W. F. Wilson Co., 240 4th St.
 Glass—A. Goepp, 32 Page St., S. F.

EAGLE ROCK, Los Angeles Co., Cal.
 Architects Myron Hunt and H. C. Chambers, 1107 Hibernian Bldg., have completed plans for the new students' union building to be erected on the campus of Occidental College at Eagle Rock. S. M. Benet Co., Administration Bldg., Los Angeles, Bel-Air, has the contract to erect the building and work will be started June 1. The building will be of reinforced concrete and frame and stucco construction; cost \$125,000.

BAKERSFIELD, Kern Co., Cal.
 Architects Symmes & Cupplimore, 10 Oleander St., Bakersfield, preparing plans for on auditorium to be erected at Wasco High School at a cost of \$110,000; a new school at Beardsley at a cost of \$120,000, and for a new grammar school at Arvin at a cost of \$23,000.

Plans Approved.
GYMNASIUM. Cost, \$50,000
MODESTO, Stanislaus Co., Cal. High School.
 One-story brick gymnasium building.
 Owner—Modesto City School District.
 Architect—Davis-Pearce Co., 47 North Grant St., Stockton.
 Date for opening bids will be set June 4.

MONROVIA, Los Angeles Co., Cal.
 Until 7:45 P. M., June 12, bids will be received by Monrovia-Arcadia - Duarte High School District for painting and finishing of group of two-story high school buildings now under construction at Orange and Madison Aves. Plans obtainable from architects John C. Austin and Frederic M. Ashley, 608 Chamber of Commerce Bldg., Los Angeles. Deposit of \$25 required. Cert. or cashier's check for 5% required. W. G. Barks, clerk.

FRESNO, Fresno Co., Cal.
 Shorb and Neads, 420 Northcamp St., Fresno, \$4,697 submitted low general carpentry bid to Fresno Board of Education for general carpentry in connection with toilet building at Kirk Elementary school. Other bids on general carpentry were: Lambert and Wood, \$4,861; W. T. Harris, \$4,938; J. B. Hart, \$5,000; Jolly and Harrington, \$5,025; Ed. Tribble, \$5,600.
 Madary's Planing Mill, Santa Clara and H Sts., Fresno, low for millwork, glass and glazing (including entrance cornice material), at \$352. Fresno Planing Mill Co., only other bidder at \$418.

Barrett-Hicks Co., 1031 Broadway, Fresno, low at \$1,374 for plumbing. B. A. Newman Co., only other bidder at \$1,674.

Wessel Electric Co., 4751 Balch St., Fresno, low for electric wiring at \$295. Robinson Electric Co. only other bidder at \$305.

James E. Harrison, 1485 College St., Fresno, at \$300 only bidder for painting and Fresno Hardware Co., 1247 Fulton St., Fresno, at \$110 only bidder for finish hardware.

All bids taken under advisement until June 6.

LOS ANGELES, Cal.
 Will H. Wilson, 631 Higgins Bldg., and 4622 Seventh Ave., commissioned to prepare plans for a large college building at 5515 Franklin Ave. for Immaculate Heart College for Girls; will be known as the administration building and will be the first of a group to be erected, to include a liberal arts building, science building and a large gymnasium. The administration building will contain the main auditorium offices, and a large number of classrooms. It will be 2 stories and basement and will be of class A construction to be erected at cost of \$200,000. The entire group of buildings when completed will represent an investment of \$1,000,000.

SANTA BARBARA, Santa Barbara Co., Cal.
 Until June 22, 2 P. M., bids will be received by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general work in connection with Home Economics Building for the Santa Barbara State Teachers' College. Will be two-story and basement reinforced concrete with concrete and hollow tile partitions, cement and wood floors, wood roof construction and tile floor; estimated cost \$145,000. Separate bids will be received for mechanical work which includes plumbing, heating and electrical work. Separate bids will also be received for Electrical Work and for Plumbing and Heating. Combined bids will also be considered for all three branches of the work. Geo. B. McDougall, state architect. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.
 Following bids taken under advisement until June 6 by Board of Education to construct locker and shower building at Roosevelt High School.

General Contract
 Lambert & Wood—A-1 to A-13 inclusive, \$9,700; A-14, steel partitions complete with doors excluding toilet stalls, \$3,642. If curtains are used as specified deduct \$152. A-14 Toilet stalls as spec., \$89.

Jolly & Harrington—A-1 to 14, \$14,098. For leaving of doors of showers deduct, \$770. For toilet stalls only (no shower stalls, deduct, \$2,660).

W. T. Harris—A-1 to A-13 inclusive, \$9,893; A-14 complete as specified, \$5,731, alternate, \$2,969; A-14 toilet partitions only, \$89; total, \$13,624.

J. G. Lehman—A-1 to A-14, \$16,785; if curtains are used as specified deduct, \$1,400.

Shorb & Neads—A-1 to A-14 inclusive, \$13,174; if doors to showers omitted, deduct, \$762; if dressing rooms and showers omitted deduct, \$3,642.

Millwork, Glass and Glazing—Madary's Planing Mill—B-1, millwork only, including wood mats in shower rooms, \$422; B-1 and B-2, \$597. Fresno Planing Mill—B-1, millwork (no glass or glazing), \$22. W. P. Fuller & Co.—B-2, glass and glazing, (no cleaning of glass), \$210. Tyre Bros. Glass Co.—B-2, glass and glazing only, \$203.

Plumbing—Barrett-Hicks Co.—\$2,328; alternate No. 1, 6-in. sewer and manholes the sewer to be laid with prestolastic cement, \$752; if the 6-in. sewer is laid with sand and cement deduct \$82. B. A. Newman Co.—\$2,497.

Heating—Barrett-Hicks Co.—\$1,833. B. A. Newman Co.—\$1,951.

Painting—James E. Harrison—\$1,400. If toilet and shower partitions are to be painted, add \$240.

Electric Wiring—Valley Electrical Supply Co.—\$1,892. Electric Const. Co.—\$1,848. Robinson Electric Co.—\$1,810; (electric fixtures), \$467. Wessel Electric Co.—\$1,885. Inland Light Co. (electric fixtures), \$587.

FRESNO, Fresno Co., Cal.
 Barrett-Hicks Co., 1031 Broadway, Fresno, at \$813 submitted only bid to Board of Education for Thermostat Heat Control System in Burroughs school, involving furnace and install 10-room thermostats, 11 syphon radiator valves with compressor and piping complete.

B. A. Newman Co., 320 North H St., Fresno, at \$765 only bidder for Thermostat heat control in Winchell school.

Bids taken under advisement until June 6.

ELVERTA, Sacramento Co., Cal.
 Azevedo & Sarmento, 1301 36th St., Sacramento, at \$15,559 awarded general contract for Lincoln School for Elverta School District, Frederick S. Harrison, architect, Peoples Bank Bldg., Sacramento. Will be one-story frame, stucco and brick veneer. L. H. Dallman, 325 North 16th St., Sacramento, at \$975 awarded plumbing and Scott Plumbing & Electric Co., 1900 M St., Sacramento, the electrical work. Bids of Lataurette-Fical Co., 907 Front St., Sacramento, at \$1216 and L. H. Dallman at \$1500 for steam heating system have been taken under further advisement.

"Gold Medal" Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henilock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

DELANO, Kern Co., Cal.—Until June 26, 7:30 P. M., bids will be received by O. A. Clasen, clerk, Delano Joint Union High School District, to erect one-story brick physical education building; estimated cost \$55,000. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to Board of Trustees of District req. with bid. Plans obtainable from architect on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

SALINAS, Monterey Co., Cal.—As previously reported, bids will be received June 12, 7:30 P. M., by E. L. Van Dellen, clerk, Salinas Union High School District, to erect Junior College building and install steam heating system therein; also for alterations and additions to present high school. Ralph Wyckoff, architect, Growers Bank Bldg., San Jose. Will be one-story Class B construction; estimated cost \$50,000. Cert. check 5% payable to clerk req. with bid. Plans obtainable from architect on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by John W. Edgemond, Secty., Board of Education, in connection with the construction of the East Oakland High School. Will be two-story brick construction; estimated cost \$500,000. Miller & Warnecke architects, 1404 Franklin St., Oakland. **Slate Blackboards**—H. S. Crocker Co., 565 Market St., San Francisco, \$2058. **Masti-Pave Flooring**—Master Craft Tile and Roofing Co., Richmond, \$965. Other awards reported May 22, 1928.

Bids To Be Taken June 4—To Be Opened June 20.

SCHOOL BLDG. Cost, \$60,000
CLARKSBURG, Yolo Co., Cal.
One-story frame and stucco high school (6 classrooms) and one-story frame and stucco gymnasium.
Owner—Clarksburg Union High School District.
Architect—Dean & Dean, California State Life Bldg., Sacramento.

BELFLOWER, Los Angeles Co., Cal.—Architect W. Horace Austin, 521 Pacific Southwest Bank Bldg., Long Beach, completes plans for 2 grammar schools for Belflower School District; several classrooms, small auditoriums and administration suites; brick construction; \$92,000.

OROVILLE, Butte Co., Cal.—Trustees of Oroville Union High School District will ask bids shortly to erect 3-room wing addition to east portion of present high school; estimated cost \$7000. \$7000.

SAN FERNANDO, Los Angeles Co., Cal.—Architect J. Thomas Payne, 426 Western Mutual Life Bldg., Los Angeles, has completed preliminary plans for a one-story and part two-story Class A military academy to be erected on Mulholland Ave., San Fernando, for Kings Military Academy. The building will contain accommodations for 100 boys and a staff of 20, reception hall, office, library, dining room, gymnasium, quadrangle shop building, hospital building, laundry building, and swimming pool, concrete construction. Cost \$160,000.

OWENSMOUTH, Los Angeles Co., Cal.—Los Angeles Board of Education has rescinded its original authorization for the preparation of plans for the construction of a new auditorium building at the Owensmouth High School, and has authorized its architectural division to prepare plans for a two-story classroom and auditorium building to be built on the same site in place of the other. The amount of money to be appropriated for the work will be decided later.

DAVIS, Yolo Co., Cal.—Until June 11, 2 P. M., bids will be received by Gus A. Haussler, Clerk, Davis Joint Grammar School District, at the office of Starks & Flanders, architects, Ochsner Bldg., Sacramento, for new tile roof and flat deck on Davis grammar school; enlarge skylights and install leader pipe. Cert. check 10% req. with bid. Plans obtainable from architects.

MERCED, Merced Co., Cal.—Until June 6, 3 P. M., bids will be received by Walter Mink, clerk, Merced Union Grammar School District, to erect 3-classroom reinforced concrete addition to John Muir School and for the extension of the present heating and ventilating system to accommodate the addition. Bids will be considered separately on the addition and on the heating and ventilating work. W. E. Bedeson, engineer, Shafter Bldg., Merced. Cert. check 10% payable to clerk req. with bid. Plans obtainable from engineer. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—Stebinger Bros., 300 Broadway, Portland, at \$101,284 submitted low bid to Board of Education to erect gymnasium for Jefferson school. Alaska Plumbing and Heating Co., East Sixth St., low for heating and ventilating at \$14,850 and Hastorf-Lord, Inc., 371 Hawthorne St., Portland, at \$6,497 low on plumbing. Jas. Dimitre, 339 E. 58th St., North, Portland, at \$1,800 low for electric work. Contracts will be awarded the low bidders. Plans by Geo. H. Jones, city school architect.

SAN LORENZO, Alameda Co., Cal.—James Willison, E-14th and Bridge Sts., Hayward, at \$18,824 awarded contract by San Lorenzo School District for the construction of additions to the two present school buildings, known as the Sunset School and the Ashland School. Plans were prepared by Architect W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose. Heating and furniture bids still under advisement.

Oakland, Alameda Co., Cal.—Heafey Moore Co., 344 High St., Oakland, at \$2,108 was awarded the contract by John W. Edgemond, Secty., Board of Education, 211 City Hall, to grade Elmhurst Junior High School site.

OAKLAND, Cal.—Until June 12, 10:45 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, 211 City Hall, to erect additions to Cleveland School in Cleveland St., bet. Montclair and Athol Ave. Will comprise 2 classroom additions. Est. cost \$20,000. Plans by Building and rounds Committee of Board of Education. Cert. Check 10% payable to Board of Educ. required. Plans obtainable from Supt. of Bldgs., 337 17th St., Oakland, on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—Bids are being received by John W. Edgemond Secty., Board of Education, for grading the site at Lacoste and Hampel streets. Date of opening bids not set.

BANKS, STORES & OFFICES

Work Started
APTS. & STORES Cost, \$9,000
SOUTH BERKELEY, Alameda Co., Cal.
E. Grove St. 50 S 62nd St.
One-story frame and stucco bldg., tile front (2 stores, 2 apts. contain three and five rooms each and three hollow tile garages.
Owner—L. Somogyi.
Architect—A. T. Ehrenphort, 24 California St., San Francisco.
Contractor—C. Burks, Premises.

Contemplated
STORE, ETC., BLDG. Cost, \$2,000,000
SAN FRANCISCO. Gore Corner of Market and Pine.
Twenty-five-story Class A store, office and loft bldg.
Owner—W. B. Born.
Architect—Arthur Brown, Jr., 251 Kearny St.

Project is in a very preliminary state and no more definite information is obtainable at this time.

Contract Awarded
ALTER. & ADDN. Cont. Price, \$12,348
SAN FRANCISCO. SW Sutter and Fillmore Sts.
Alterations and additions to present bldg.
Owner—United Stores Realty Corp., 143 Powell St.
Architect—Bertz, Winter & Maury, 210 Post St.
Contractor—Home Mfg. Co., 552 Brannan.

Plans Ready For Bids Next Week.
STORE BLDG. Cost, \$25,000
LINCOLN, Placer Co., Cal.
One-story brock and hollow tile store building (4 stores).
Owner—Chamberlain Estates (Lee Chamberlain).
Architect—Eugene Seadler, Mitau Bldg., Sacramento.

Sub-Contracts Awarded
LOFT BLDG. Cont. Price, \$52,010
SAN FRANCISCO. Adjoining present building at No. 1041 Market St.
Seven-story steel frame and concrete loft building.
Owner—Weinstein Co., 1041 Market St., San Francisco.
Architect—Ilyman & Appleton, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Underpinning and Brick Work—Meale & Collins, 666 Mission St.
Plastering—J. Terranova, 926 Elizabeth Street.

Sub-Contracts Awarded
OFFICE BLDG. Cost, \$100,000
SAN FRANCISCO. Pine St. bet. Leidesdorff and Montgomery Sts.
Six-story and basement class A office building.
Owner—Phoenix Assurance Co. of London.
Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor—George Wagner, 281 South Park, San Francisco.
Electric Work—W. H. Kirsten, 55 McAllister St., \$2497.
Heating and Ventilating—Rodoni-Becker, 455 10th St., \$1117.
Plumbing—W. J. Forster Co., 355 4th St., \$2108.
As previously reported Structural Steel awarded to California Steel Co., Hobart, Ind.
Approximately 150 tons of structural steel is involved.

Contract Awarded
ALTERATIONS Cost, \$25,000
SAN FRANCISCO. NE Pine and Montgomery Sts.
Install partitions in stock exchange.
Owner—Bank of Italy.
Architect—Miller & Pueger, 580 Market Street.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Building permit applied for.

LOS ANGELES, Cal.—Schulte-United 5c to \$1 Stores, Inc., has secured 99-year lease on property at 529-531 S Broadway and will erect a store and office building of class A construction. It is expected the new building will be five or six stories the first three floors to be occupied by the retail store and the upper floors to be occupied by the Pacific Coast offices of the owners. Walker & Eisen, Western Pacific Bldg., will the architects. Work will be started in sixty days.

Contract Awarded
FITTING UP OFFICE Cost, \$22,000
SAN FRANCISCO. Ground floor of Russ building.
Fitting up broker's offices.
Owner—Lilienthal Bremer & Co., 310 Montgomery St.
Architect—Kent & Hass, 525 Market St.
Contractor—Mullen Mfg. Co., 64 Rausch Street.

Other bidders were: Home Mfg. Co., San Francisco; Fink and Schindler, San Francisco; Ostlund & Johnson, San Francisco; Brass & Kuhn, San Francisco.

Sub-Contracts Awarded.
OFFICE BLD. Cost, \$50,000
SALINAS, Monterey Co., Cal.
One and one-half-story concrete store and office building (Mission style).
Owner—Salinas Title Guarantee Co.
Architect—Riley West Co., First National Bank Bldg., San Francisco.
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Plastering—Sam Greenback, 30 Loma Vista Terrace.
Lumber—Tynan Lumber Co., 1090 The Alameda, San Jose.
Plumbing and Sheet Metal Work—B. E. Underwood, Salinas.

Contract Awarded
STORE BLDG. Cost, \$10,000
REDWOOD CITY, San Mateo Co., Cal.
 632-24-38 Broadway.
 One-story reinforced store bldg. (three stores).
 Owner—H. E. Robinson, Gilroy.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco.
 Contractor—Daley Bros., 1104 Vancouver St., Burlingame.

Additional Sub-Contracts Awarded
MARKET BLDG. Cost, \$750,000
OAKLAND, Alameda Co., Cal. Block bounded by 14th and 30th Sts., bet. Jefferson and Grove Sts.
 One-story class A Market building (47,000 sq. ft.).
 Owner—Twentieth Century Market (Jas. G. Rohan, president).
 Architect—Contractor—Maury I. Diggs, Latham Square Bldg., Oakland.
 Clearing—Symon Bros. Wrecking Co., 1435 Market St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Reinforcing Steel—Soule Steel Co., 609 Bldg., San Francisco.
Plumbing, Heating and Sheet Metal—Feary & Moll, 1075 40th St., Oakland.
Electrical Work—Spott Electric Co., 2695 Broadway, Oakland.
 As previously reported, Grading awarded to Ariss-Knapp Co., 961 41st St., Oakland; lumber to Tilden Lumber Co., 400 High St., Oakland.

Specifications Being Written.
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. NW Twenty-ninth and Summit Sts. (77x102 feet).
 Five-story Class B reinforced concrete medical building (40 offices).
 Owner—Group of San Francisco businessmen (names withheld).
 Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.
 Bids will be taken in one week.

SAN FRANCISCO—Robert A. Smith, Inc., 399 Golden Gate Ave., has purchased property on the southwest corner of Golden Gate Ave. and Hyde St. and plans extensive alterations to the present two-story and basement brick building on the property. However, no definite plans will be made for the time being.

Plans Being Prepared.
ALTERATIONS Cost, \$—
SAN FRANCISCO, No. 243-49 Kearny San Francisco.
 Extensive alterations to present three-story brick and concrete office building.
 Owner—W. B. Foshay Co.
 Architect—August Nordin, 717 Mills Bldg., San Francisco.
 Plans will be ready for bids in 60 days.

EVERETT, Wash.—Architects Doyle & Merriam, L. C. Smith Bldg., Seattle, is completing plans and will take bids about June 15 to erect 5-story fireproof, 100 by 125 ft., department store at Wetmore and California Aves. for Rumbaugh Department Store.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Senator Shortridge seeks \$800,000 office building appropriation.

Contract Awarded.
MARKET BLDG. Cost, \$50,000
BURLINGAME, San Mateo Co., Cal.
 One-story basement and mezzanine floor concrete market building (55x190 ft.)
 Owner—Alameda Market Corp.
 Architect—Jos. L. Stewart, 703 Market St., San Francisco.
 Contractor—R. W. Littlefield, 337 17th St., Oakland.

MONTEBELLO PARK, Los Angeles Co., Cal.—See "Hotels," this issue.

Plans Being Figured
BUSINESS BLDG. Cost, \$15,000
SAN RAFAEL, Marin Co., Cal. Fourth Street.
 One-story reinforced concrete business building.
 Owner—Ed. Haley.
 Architect—Thomas O'Connor, 524 4th St., San Rafael.

LONG BEACH, Los Angeles Co., Cal.—Schilling & Schilling, Farmers & Merchants Bank Bldg., Long Beach, completing working plans for a 5-story and basement Class A store and apartment

building to be erected at Broadway and Linden Ave. for the Broadway Land Co., a syndicate composed of Edgar Davis, C. J. Curtis, C. C. Lewis, E. J. Wightman and Chas. Malecom; will contain eight stores and 30 apartments; 100x121 feet, reinforced concrete construction.

Construction To Start In 30 Days.
STORE BLDG. Cost, \$15,000
SAN MATEO, San Mateo Co., Cal. B Street.
 One-story frame store building (3 stores; 50 ft. frontage).
 Owner—Eli Wiel, 26 First St., San Francisco.
 Architect and Contractor—Daley Bros., 1104 Vancouver Ave., Burlingame.

Preparing Preliminary Working Drawings.
OFFICE BLDG. Cost, \$1,000,000
SAN FRANCISCO, NE Belden and Bush Sts., bet. Kearny and Montgomery Sts.
 Twenty-story Class A building, 58x77 feet.
 Owner—San Francisco Advertising Club, Call Bldg., San Francisco.
 Architect—Douglas Stone, 354 Hobart St., Oakland.
 Building will provide for offices and lofts for advertising agencies, copy writers, artists, producers of direct mail, representatives of printing firms, paper manufacturers, advertising novelties, publishers and many other lines which make up the great advertising industry of today.

Contract Awarded
STORE BLDG. Cost, \$25,000
REDWOOD CITY, San Mateo Co., Cal., NE Broadway and El Camino Real.
 Two-story reinforced concrete store bldg. (4 stores).
 Owner—C. A. Chaquette, 155 Montgomery St., San Francisco.
 Architect—None.
 Contractor—J. S. Malloch, 666 Mission St., San Francisco.

OROVILLE, Butte Co., Cal.—Fortune Acres Corp., of Oroville, promoting the sale of Oroville lands, has purchased site in Bird street and will erect an office building of the "Southern California" type of construction. Plans for the structure have been prepared by Miller and Dewhurst of Oroville.

Bids Opened—Under Advisement
OFFICE BLDG. Cost, \$50,000
AUBURN, Placer Co., Cal. N High St., E Placer St.
 Three-story and basement office building (type of structure not decided).
 Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
 Architect—Eng. Dept. of Owner.
 Bids ran high again and plans may have to be revised.

WOODLAND, Yolo Co., Cal.—Montgomery-Ward Co., national mail order house, has leased quarters from Chris Sieber in Main St. bet. Elm and Walnut Sts., in addition to unimproved property adjoining and on which the company will erect a modern store building in addition to remodeling the Sieber structure.

Contractor Taking Sub-Figures
STORE BLDG. Cost, \$5,000
SAN FRANCISCO, Mission and Farragut Streets.
 One-story frame and stucco store bldg.
 Owner—C. Hadler.
 Architect—None.
 Contractor—Young & Horstmeier, 461 Market St.

Sub-Contracts Awarded.
BANK BLDG. Cost, \$100,000
SAN FRANCISCO, Mission and Norton Streets.
 One-story steel frame and concrete bank building.
 Owner—Hibernia Savings & Loan Society, Jones and McAllister Sts., San Francisco.
 Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
 Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Linoleum—Beecher Co., 1161 Mission St., San Francisco.
Finish Hardware—Joost Bros., 1071 Market St., San Francisco.
 Other awards previously reported.

THEATRES

SAN FRANCISCO, Calif.—The Steel-form Contracting Co., Monadnock Bldg., were awarded the column form clamp contract by MacDonald and Kahn, Financial Center Bldg., in connection with the construction of the Class A theatre building, now under construction at Market and Hayes streets. H. A. Minton, Bank of Italy Bldg., is the architect.

WHARVES AND DOCKS

Contracts Awarded.
WHARF Cost, \$30,000
PITTSBURG, Contra Costa Co., Cal. Timber wharf (80x130 feet).
 Owner—Johns Manville Co., 159 New Montgomery St., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Contractor—Leonard T. Isham, Rio Vista Lumber—J. H. Baxter & Co., 435 California St., San Francisco.

SAN FRANCISCO—Until June 20, 2 P. M., bids will be received by State Harbor Commission, Ferry Bldg., to fur and install steel rolling doors in building on connecting wharf between Piers 26 and 28. Cert. check 5% payable to Mark H. Gates, secretary of commission, req. with bid. Specifications obtainable from Frank G. White, chief engineer, Room 18, Ferry Bldg., on deposit of \$10, returnable.

Contract Awarded.
WHARF Cont. Price, \$62,677
SAN FRANCISCO, Piers 26 and 28 Reinforced concrete connecting wharf, 26,000 square feet and one-story wooden building.
 Owner—State Board of Harbor Commissioners.
 Engineer—Frank White, Ferry Bldg., San Francisco.
 Contractor—A. W. Kitchen & Co., 110 Market St., San Francisco.
 Other bidders were:
 Clinton Constr. Co., S. F. \$63,480
 Healy Tibbitts Constr. Co., S. F. 69,730
 M. B. McGowan, S. F. 70,635
 Vogt & Davidson, S. F. 77,321

SAN FRANCISCO—Until June 6, 2 P. M., bids will be received by State Harbor Commission, Ferry Bldg., to construct shed for Section 2, Islais Outer Wharf, and additional sacking bins for grain terminal. Cert. check 5% payable to Mark H. Gates, Secty., State Harbor Commission, req. with bid. Plans obtainable from Chief Engineer Frank G. White, Ferry Bldg., on deposit of \$10, returnable.

Superstructure Awarded.
WHARF Cont. price, \$62,677
SAN FRANCISCO, Piers No. 26 and 28 Reinforced concrete connecting wharf, 26,000 square feet and one-story wooden building.
 Owner—State Board of Harbor Commissioners.
 Engineer—Frank White, Ferry Bldg., San Francisco.
 Contractor—A. W. Kitchen & Co., 119 Market St., San Francisco.
Superstructure—Barrett & Hilp, 918 Harrison St., San Francisco.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ELEVATOR Cont. Price, \$12,178
WALNUT GROVE, Sacramento Co., Cal. Overhead worm gear tractor freight elevator with motor controller.
 Owner—Southern Pacific Co., 65 Market St., San Francisco.
 Architect—None.
 Contractor—San Francisco Elevator Co., 860 Folsom St., San Francisco.

ARCADIA, Los Angeles Co., Cal.—Until 8 P. M., June 6, bids will be received by the city council of Arcadia for roofing 3,000,000-gallon reservoir at the intersection of Second and St. Joseph Sts., Arcadia. The work will require approximately 235 rolls of roofing paper to weigh not less than 60 lbs. per roll.

OCEAN PARK, Los Angeles Co., Cal.—Murdock & Condee, 7203 Hawthorne St., Los Angeles, have been awarded the contract at \$98,160 for the erection of a large parking pier in the ocean adjoining the municipal auditorium at Ocean Park for the Ocean Park Realty Co.; plans were prepared by John Paxton Ferrine, 717 Lincoln Bldg., Los Angeles; the pier will be constructed of wood piling with frame and concrete deck and will accommodate 1000 cars and will have a floor area of approximately 100,000 sq. ft. J. H. Baxter & Co., 108 W. 6th St., Los Angeles, will furnish the piling; total cost \$125,000.

Plans Being Prepared, BRIDGE APPROACH Cost, \$—**SAN MATEO, San Mateo Co., Cal.** Bridge approach and toll office. Owner—S. F. Bay Toll Bridge Co., Russ Bldg., San Francisco.

Architect—J. E. and E. L. Norberg, 580 Market St., San Francisco. Bridge is now under construction, extending from San Mateo to Mt. Eden.

SACRAMENTO, Cal.—City council plans to provide funds in next year's budget to finance erection of a new lodge at Camp Sacramento, the city's recreation center.

CRESCENT CITY, Del Norte Co., Cal.—Kiwanis Club and city trustees plan to establish municipal airport at county fair grounds.

Plans Being Prepared, REC. BLDG. Cost, \$40,000—**SALINAS, Monterey Co., Cal.**, Main and Monterey Sts. One and part two story brick recreational bldg. (bowling alley and billiard room). Owner—Syndicate of Los Angeles men. Architect—Mayo & Bissell, 421 E. Miner St., Stockton.

BERKELEY, Alameda Co., Cal.—Until June 5, 10 A. M., separate bids will be received by Emma M. Hann, city clerk, to fur. (1) rock and screenings; (2) sand; (3) sewer pipe; (4) cement; (5) 2600 gals. lubricating oil. All to be delivered to Corporation Yard, Allston Way and West St. Further information obtainable from clerk.

FRESNO, Fresno Co., Cal.—Geo. A. Swartz, operating "The River" resort, 10 miles north of Fresno on the San Joaquin river near the Herndon bridge, will spend \$18,000 for remodeling and additions. Additions will include dance and assembly hall, 80 by 100 ft., costing \$14,000, the remaining \$4,000 to finance alterations and repairs.

SACRAMENTO, Sacramento Co., Cal.—The Pacific Ice Machine Co., 832 Folsom St., San Francisco, at \$2955 was awarded the contract by State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for installing a drinking water cooling system at the Sacramento State Building.

BEVERLY HILLS, Cal.—Until 8 P. M., July 3, bids will be rec. by city to const. incinerator in accordance with plans on file at the office of the city clerk, B. J. Firminger; estimated cost \$7,000. The specifications call for a maximum receiving capacity of 4½ tons an hour with a total capacity of 20 tons in 8 hours. Date previously announced for July 19.

SUISUN, Solano Co., Cal.—Arlington Hotel, Hillborn Grain Company office, a home and other structures were destroyed by fire in the Chinatown district May 27; loss 25,000.

STOCKTON, San Joaquin Co., Cal.—Construction has been started on an ice storage and loading platform on the Southern Pacific right-of-way south of Charter Way for the Pacific Fruit Express Co., 65 Market St., San Francisco. Will have storage capacity of 200 tons; platform will be 1000 ft. long equipped with ice handling equipment.

Contemplated, RAILROAD SHELTERS Cost, \$—**EXTFIELD, Marin Co., Cal.** Railroad shelters. Owner—Northwestern Pacific R. R. Co., 64 Pine St., San Francisco. Architect—Fred H. Meyers, 742 Market St., San Francisco.

Plans Being Prepared, DEPOT Cost, \$10,000—**MILL VALLEY, Marin Co., Cal.** One-story frame and stucco passenger and freight depot. Owner—Northwestern Pacific R. R. Co., 64 Pine St., San Francisco. Architect—Fred H. Meyer, 742 Market St., San Francisco.

HEALDSBURG, Sonoma Co., Cal.—Engineering Department, Northwestern Pacific Railroad, 64 Pine St., San Francisco, completing plans for proposed passenger and freight depot to be erected at Healdsburg. The present quarters will be remodeled. Total cost of construction, \$10,000.

BUSINESS OPPORTUNITIES

Hammer Handles
H. B. Hickory Handle Co., Haverhill, Mass., novelty wood workers and manufacturers of handles for tools and implements, would like to appoint a sales representative to sell their handles in this territory on a commission basis.

Reflection Signs
Awal Specialties, Inc., 109 Lafayette St., New York, N. Y., manufacturers of attractive new reflection signs which are illuminated by a process of reflected light and require no lighting attachment of any description, wish to appoint sole selling agents in this territory.

Water Filter
R. W. Hollenberg (Cool Spring Filter, Inc.), 481 Tehama St., San Francisco, manufacturing an unusually efficient drinking water filter, suitable for office and household use, seeks additional agents for various California territories. A few very good cities available for this opportunity.

Seeks Business Proposition
Mr. Geo. G. Hill, Commercial Club, San Francisco, (a Boston business man) with 30 years of successful business experience and some capital, wishes to get in touch with legitimate business proposition on Pacific Coast where his capital and experience will be useful.

Seek Agency
Hoeppe and Muller, G.m.b.H., Schadowstr. 2, Dusseldorf, Germany, wholesale importers and dealers in hydraulic jacks and presses, mechanical jacks, hoists and cranes, catering to a vast clientele of railway companies, motor car manufacturers and dealers, and various industries (road building, building, shipbuilding, etc.), are interested in taking up the sole agency of American manufactures of the lines mentioned, as well as specialties in affiliated lines. References furnished.

Offers Representation
Henry Norris Schindler, Room 313, 1045 Sansome St., San Francisco, is interested in acquiring as a manufacturer's agent, or other plan, lines of merchandise for San Francisco and Northern California, especially goods that are suitable to a representative having a clientele among the corporations, that is: utilities, oils, steamship, lumber and allied industries.

Household Specialty Lines
B. D. Geroy, sales manager of the Illinois Bottled Gas Co., and Affiliated Companies, 35 West Jackson Blvd., Chicago, Ill., a sales organization covering Illinois, Wisconsin and Indiana, are in a position to add another line to those they now handle. Although they request to be put in touch with San Francisco manufacturers of household specialties, who are interested in representation in the three states mentioned, they are also in a position to handle any specialty that has merit.

Wants Building Materials
Enrique Farre, P. O. Box 2738, Manila, P. I., an established building contractor, accepting the construction of bridges, conduits, tunnels, concrete and wooden frame buildings, is anxious to secure prices and catalogs on second hand construction machinery (commercial tracks and cars, portable hoisting machines, cranes, derricks, dredges, portable excavators, wheelbarrows, concrete mixers, shovels, steel cables, chains, compressed air drills, riveters, pumps, etc.) Also on construction materials, such as: Portland cement bricks, reinforcing steel bars, pipes, galvanized iron sheets, plumbing materials, electrical materials and supplies, galvanized wire, wire fencing, zinc sheets for roofing. He prefers quotations to be c.i.f. Manila, P. I.

Fire Bricks

British Consulate General, 310 Sansome St., San Francisco, represents a firm in the United Kingdom that is desirous of appointing an agent in this district for the sale of fire bricks.

Manufacturers' Agent

John E. T. Yewdall Co., Room 4, 401 Beckins Bldg., Vancouver, B. C., established manufacturers' representatives, desire to get in touch with firms, who are seeking to expand their markets and who would be willing to appoint them as representatives in British Columbia for the sale of their products to the wholesale and retail trade. The lines in which they are particularly interested are: builders' hardware, wrought iron hardware, tools of all kinds, roller skates, sporting goods, bathroom fixtures, plumbers' brass goods, toilet seats, electrical household goods and specialties.

Water Colors Wanted

J. A. Anderzen, Elm Creek, Neb., (merchant) seeks connections with San Francisco importers or jobbers of Japanese or Chinese paintings, etchings, water colors, etc. If possible, he would appreciate receiving catalogs.

SKYSCRAPER ERECTED ON TIME-TABLE SCHEDULE

The precision with which modern builders erect the huge industrial piles of steel and concrete which tower against the skyline of lower Manhattan has just been exemplified in New York in the completion of the 42-story Equitable Trust Company Building.

About a year ago the president of the Equitable made a mark on his calendar. It indicated the precise hour at which the doors of their new building would be opened. The new structure had not then been started. The Mills Building, an old landmark in Broad and Exchange Streets, which it was to replace, was still standing. The Equitable Trust Company has started business operations in the new quarters precisely at the established moment.

Every detail of the construction was outlined in a "time table" as carefully prepared and closely followed as the schedule of an express train.

Sixty-four "key" operations are shown on the schedule. Many of them progress simultaneously. Others must be completed before further departments of the work can progress.

By a glance at this schedule, the superintendent, construction manager and foreman could tell the exact time when any operation was to be begun.

LABOR LARGEST COST

A study of construction made by the United States Department of Labor revealed that 62 per cent of the cost of building the average dwelling house is for labor, while materials constitute 38 per cent. Foundation and masonry work represent 36 per cent of the total cost of the completed job. The foundation is the largest single item of construction expense. The second largest item of cost is 29 per cent and covers carpentry, both labor and material.

Plumbing fixtures plus their installation cost are reported to be 10 per cent of the entire cost, while the heating plant is rated at 9 per cent; hardware is apportioned at 6 per cent. Lighting fixtures and installation constitute 2 per cent of the job.

CONSTRUCTION TIPS—Can be secured through Larsen's Advance Construction Reports. A verified advance information service in your morning mail, containing all the information necessary to the intelligent solicitation of current and future business. Write for sample copies. Larsen's Advance Construction Reports, 547 Mission St., San Francisco, or phone Kearny 1252.

Engineering News Section

BRIDGES

TULARE COUNTY, Cal.—Until June 20, 2 P. M., bids will be rec. by State Highway Comm. to const. three reinf. conc. bridges bet. Tulare and Goshen—one over Cameron Creek about 2½ mi. north of Tulare, an existing bridge consisting of two 12 ft. slab spans to be widened from 26 ft. to 30 ft. rdwy.; another across Packwood Creek about 4½ mi. north of Tulare, an existing bridge consisting of one 30 ft. girder span to be widened from 21 ft. to 30 ft. rdwy.; and a third over Mill Creek about 7½ mi. north of Tulare, a bridge to be constructed consisting of one 30 ft. girder span with 30 ft. rdwy. C. H. Purcell, eng. See call for bids under official proposal section in this issue.

PLACER COUNTY, Cal.—Until June 20, 2 P. M., bids will be rec. by State Highway Comm., to const. reinf. conc. girder bridge across Truckee river at Tahoe City, consisting of four 30 ft. spans on conc. bents and abutments with wing walls. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

PLACER COUNTY, Cal.—Until June 20, 2 P. M., bids will be rec. by State Highway Comm., to const. reinf. conc. girder overhead crossing over the tracks of the S. P. R. R. at Weimar, consisting of one 47 ft. 6 in. span, one 46 ft. 1 in. span, four 30 ft. spans and one 28 ft. 6 in. span on conc. piers and bents on pile foundations. C. H. Purcell, state highway eng. See call for bids under official proposal section in this issue.

SEATTLE, Washington—Puget Sound Bridge and Dredging Co., Central Bldg., Seattle, at \$190,398 awarded contract by Board of Public Works to const. West Spokane street bridge No. 2 substructure.

PORTLAND, Oregon—Lindstrom and Feigenson, Worcester Bldg., at \$292,464.50 sub. low bid to city to const. Lovejoy St. Viaduct—the city's end of the ramp for the Broadway bridge; eng. set. \$430,000. L. H. Hoffman next low at \$292,683.

SACRAMENTO, Cal.—County Engineer Chas. Deterding will seek \$500,000 in county budget to finance const. and maintenance of bridges and highways during the coming year.

SAN FRANCISCO—Board of Supervisors votes \$100,000 appropriation to finance soundings and carry on other preliminary work in connection with proposed San Francisco Bay bridge project. The funds, however, may not be used for the purpose indicated until Congress shall have authorized const. of the bridge.

MARTINEZ, Contra Costa Co., Cal.—W. R. Myers, 407 Laurel St., Modesto, at \$5011 awarded cont. by county to const. reinf. conc. culvert near St. Mary's College, at Moraga. Project involves 25,990 lbs. reinf. steel; 185 cu. yds. conc.

UKIAH, Mendocino Co., Cal.—Until June 12, bids will be rec. by W. H. Prather, county clerk, to const. conc. arch bridge over river east of Centerville. Potter Valley, involv. 17,318 lbs. reinf. steel; 242 cu. yds. reinf. conc.; 100 cu. yds. mass conc. Plans on file in office of clerk.

SACRAMENTO COUNTY, Cal.—Geo. Ulrich Co., Modesto, at \$39,425 (eng. est.) awarded cont. by State Highway Comm. to const. five reinf. conc. bridges on conc. bents and abutments—one are consisting of one 30 ft. span; one bridge of three 30 ft. spans; one bridge of three 30 ft. spans; one bridge of six 30-ft. spans.

PETALUMA, Sonoma Co., Cal.—Until June 4, 7:30 P. M. bids will be rec. by Gladys V. Roberts, city clerk, to construct reinf. conc. culvert and retaining walls on Keokuk St. extension. Cert. check 10% req. with bid. Plans on file in office of clerk.

OAKLAND, Cal.—M. B. McGowan, 74 New Montgomery St., San Francisco, at \$13,190 sub. low bid to city to const. reinf. conc. trestle in Excelsior Ave. bet. Haddon and Santa Barbara Roads. He will be awarded contract.

ROSEVILLE, Placer Co., Cal.—City council sets June 12 as date to vote bonds of \$50,000 to finance const. of two reinf. conc. bridges, one in Sierra Blvd., over r. r. tracks and another in Lincoln St., over Dry Creek.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp preparing plans for new rustic conc. bridge to replace present structure over Penitencia Creek in upper section of Alum Rock Park.

NAPA, Napa Co., Cal.—City Eng. H. A. Harrold completing plans for proposed Third street bridge. Bids will be asked shortly.

MARYSVILLE, Yuba Co., Cal.—County Grand Jury in annual report recommends const. of another bridge over Feather river, bet. Marysville and Yuba City, probably at 10th St., connecting with unimproved city street leading to Colusa highway at junction of Plumas St.

SEATTLE, Wash.—Board of Public Works preparing plans for West Garfield street bridge; est. cost \$700,000. City will pay \$245,000 of cost, the balance to be paid by railroads whose tracks are crossed by the bridge and property owners on Magnolia Bluff.

SACRAMENTO, Cal.—State Architect Geo. B. McDougall, Forum Bldg., is completing plans for proposed M Street bridge for Sacramento. Methods of finance have not been determined. The state is willing to co-operate in the project, but Bert B. Meeks, state director of public works, reports the state cannot aid in the const. of an approach to the proposed bridge from the Sacramento side.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO—See "Government Work and Supplies," this issue. Bids opened for dredging in Oakland harbor.

The **HARD BOILED HAT** is made of fiber, to resist objects falling on the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

WATSONVILLE, Santa Cruz Co., Cal.—R. P. Easley, Antioch contractor, has submitted proposal to city council to const. levee 5000 ft. long and dredge out Pajaro river bed for a distance of 3 miles for the sum of \$10,500 including river gates. Proposal referred to City Eng. H. B. Kitchen for report.

WESTLEY, Stanislaus Co., Cal.—Until June 16, 2 P. M., bids will be rec. by Elbridge Smith, Secty., West Stanislaus Irrigation District, to const. 2 3/5 mi. of main canal, (under Contract No. 4), from Station 125 plus 00 to Station 263 plus 00, involving 120,000 cu. yds. earth excavation and 600,000 sta. yds. of haul. Cert. check 5% payable to dist. req. with bid. Plans on file in office of district at Westley and obtainable from W. F. Wooley, engineer for district, at Patterson, on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Until June 26, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, for dredging in San Rafael Creek. Spec. obtainable from above office.

VENTURA, Ventura Co., Cal.—City plans bond election for \$45,000 to finance protection work along river.

IRRIGATION PROJECTS

TULARE, Tulare Co., Cal.—Until June 6, 8 P. M., new bids will be rec. by C. W. Cobb, city clerk (132) to install ornamental electroliner system in portions of Inyo, L. King and K Sts., involv. 28 standards with underground system. Standards of Union Metal Mfg. Co., design 1891. Previous bids rejected. There were: City Imp. Co., \$5400; Robinson Elec. Co., \$6000; R. E. Rounsaville, \$6,130; Walker, Martin & Montgomery, \$6,400. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

BERKELEY, Alameda Co., Cal.—R. Flatland, 1899 Mission St., San Francisco, at \$26,658 awarded cont. by city to install 103 Union Metal electroliners together with underground system in Ashby Ave., bet. Grove St. and San Pablo Ave.

TORRANCE, Cal.—Estimates submitted to city for street lighting system involve an expenditure of from \$106,000 to \$115,000. Estimates were submitted by H. H. Walker Co., Union Metal Co., Fritz Ziebarth, The Marbelite Corp., Western Lighting Co., The Taper Tube Pole Co., and the Westinghouse Elec. Co.

LIGHTING SYSTEMS

SAN LEANDRO, Alameda Co., Cal.—Newbery-Pearce Electric Co., 481 56th St., Oakland, at \$9900 awarded cont. by city to install electroliner system in Washington Ave. Walker & Montgomery, Modesto, at \$5114 awarded cont. to install electroliners in Hollywood Blvd. and at \$4248 in Beverly Ave.

SACRAMENTO, Cal.—Until June 14, 5 P. M., bids will be rec. by H. G. Denton, city clerk, (2232) to imp. Curtis Way, Montgomery Way, 6th, 7th, 8th, 9th, 10th, 11th Aves. and Coleman Way bet. 24th St. and west boundary of Wm. Curtis Park, etc., involv. installation of electric street lighting system, consisting of 72 single lamp electroliners with underground system. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid Samuel J. Hart, city eng.

BAKERSFIELD, Kern Co., Cal.—Proceedings have been started by city for installation of electrolyser system in 17 blocks in 18th St., bet. L and Baker streets. Will involve 116 standards; estimated cost \$28,000. Bids will be asked about June 18. V. Van Riper, city clerk. W. D. Clarke, city eng.

MODESTO, Stanislaus Co., Cal.—Until June 17, 8 P. M., bids will be rec. by H. E. Gragg, city clerk, to install street lighting system in 10th St. bet. H and Needham Sts. and in 1 St. bet. 9th and 11th Sts., including underground system; c. i. standards, Modesto type No. 8. Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Frank Rossi, city engineer.

FIRE EQUIPMENT

CORTE MADERA, Marin Co., Cal.—Second election will be called by town trustees to vote bonds of \$10,000 to be added to \$10,000, already available, to finance purchase of new motor fire engine and erection of new fire station. Election will be held probably June 12.

MISCELLANEOUS SUPPLIES

SEBASTOPOL, Sonoma Co., Cal.—Until June 8, 2 P. M., bids will be rec. by J. B. Bridgeford, clerk, Anady Union High School District, to fur. gasoline and oil as required during school year 1928 to 1929. Further information obtainable from clerk.

RESERVOIRS AND DAMS

SAN BERNARDINO, Cal.—City Water Comm. has ordered water superintendent, Wm. Starke, to prepare cost estimates for a 10,000,000-gallon water reservoir to be built on the summit of Perris Hill. The proposed reservoir would be 350x160 ft. The exact type will be determined by the cost.

BAJA CALIFORNIA, Mexico—Kuhn-Lang Co., Inc., 5501 Santa Fe Ave., Los Angeles, awarded cont. by Ambursen Dam Co., at approx. \$100,000 for all excavation for Garcia Dam which is to be built on the Tijuana River, 11 miles below the town of that name, in Baja, California, Mexico. The contract awarded to Kuhn-Lang Co., Inc., calls for 150,000 cu. yds. of excavation within 90 days. Of this quantity 25,000 to 30,000 yds. will be solid rock and 100,000 yds. pit run gravel washed, to be utilized in the structure. Equipment used will be two Northwest shovels and a fleet of trucks. The dam, which is being built under the supervision of the Governor of Lower California, Gen. A. L. Rodriguez, is to be an Ambursen type concrete dam, 255 ft. in height, and will serve to irrigate 10,000 acres of land below the border, and to provide a municipal water supply for the town of Tijuana. San Ysidro is the nearest California town.

MONTECITO, Cal.—The \$880,000 bond issue of the Montecito County Water District to finance const. of Juncal Dam and Reservoir, and for completion of Toro tunnel through mountains, carried at recent election.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Proposal to start early const. of Broadway tunnel is being considered by Tunnel Committee of the Board of Supervisors. Property owners in the district desire that the city pay a portion of the total cost of \$1,520,000. Will extend from Mason to Larkin Sts., a distance of five blocks and will have two bores, each of sufficient width for two or three lines of automobile traffic and a sidewalk.

SEATTLE, Wash.—Cascade Tunnel Association conferring with Seattle Chamber of Commerce regarding proposed const. of 27 mile low-level tunnel to eliminate the mountain barrier between Puget Sound and the Inland Empire. Est. cost \$40,000,000.

WATER WORKS

NAPA, Napa Co., Cal.—City will ask bids at once to fur. large quantity of pipe for city water department.

WELLS, Nevada—H. Supps, Wells, awarded cont. by city to install pumping plant and const. municipal water system; pumping plant will have capacity of 450-gals. per min. Plans for pipe lines and other equipment installations are being prepared.

SACRAMENTO, Cal.—City council will call election to vote bonds of from \$400,000 to \$500,000 to finance repairs and extension to municipal filtration plant. Samuel J. Hart is city engineer.

REDWOOD CITY, San Mateo Co., Cal.—United States Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, at \$4365.90 awarded cont. by city to fur. 5000 ft. 6-in. and 4000 ft. 4-in. c. i. pipe with necessary fittings.

SIERRA MADRE, Los Angeles Co., Cal.—City will call election to vote bonds of \$130,000 to finance additional water supply imps. L. Dietz, city clerk.

HOLTVILLE, Imperial Co., Cal.—Until 6 P. M., June 26, bids will be rec. to fur. and lay 20,000 ft. of 4-in. to 10-in. C. I. water pipe, including valves, fittings, fire hydrants, etc. Murns-McDonnell-Smith Corp., 422 Western Pacific Bldg., Los Angeles, eng. Miss E. M. Carpenter, city clerk.

OAKLAND, Cal.—United Iron Works, 580 Second St., Oakland, at \$1,587 sub. low bid to City Port Comm. to fur. and install drainage pump at Municipal Airport. Other bids: Byron-Jackson Co., \$1,619; Kimball Pump Co., \$1,775. Taken under advisement.

SAN DIEGO, Cal.—Pittsburgh - Des Moines Steel Co., 554 S San Pedro St., sub. low bid to city at \$10,299 to const. 150,000-gallon elevated steel water tank and a pump house for the Encanto district.

SAN GABRIEL, Cal.—7:30 P. M. June 12, bids will be rec. by San Gabriel County Water District for a deep well turbine pump and motor. Spec. available at the office of district, 106 N. San Gabriel Blvd., San Gabriel. Lupe Garcia, secretary.

SEWERS AND STREET WORK

PLUMAS COUNTY, Cal.—Chas. Harlowe, Jr., 378 Belmont St., Oakland, at \$101,694.70 (eng. est. \$106,905.20) awarded cont. by State Highway Comm. to grade and surface with crushed gravel or stone 6.2-mi. from west boundary to 2½ mile SW of Chester.

OAKLAND, Cal.—Until June 11, 10:30 A. M., bids will be rec. by George E. Gross, county clerk, to imp. Beck Road (County road No. 1514), in vicinity of Livermore, involv. oiling. Cert. check 10% payable to clerk req. with bid. Spec. obtainable from County Surveyor Geo. A. Posey on deposit of \$25, returnable.

VALLEJO, Solano Co., Cal.—City declares inten. (146) to imp. Thomas alley bet. Sutter and Madera Sts., and Madera St. bet. Thomas alley and north city limits, involv. grade; 5-in. conc. pave.; 6-in. B and S and 8-in. vit. B and S sewers; manholes; lamphole; lateral sewers, 1911 Act. Bond Act 1915. Protests June 11. Alf. E. Edgcombe, city clerk. T. D. Kilkenny, city eng.

SACRAMENTO, Cal.—County Engineer Chas. Deterding will seek \$500,000 in county budget to finance const. and maintenance of bridges and highways during the coming year.

OAKLAND, Cal.—City declares inten. to sewer Brookside Place and portions of Brookside Ave., including manhole, lamphole, drop connections, wye branches and deepen existing manhole. 1911 Act. Protests June 14. Frank C. Merritt, city clerk. Gen. N. Randle, city eng.

WHITE PINE COUNTY, Nevada—J. N. Tedford, Fallon, Nev., at \$23,836.5, awarded cont. by State Highway Comm. to const. 16.85 miles of highway in White Pine county bet. Keystone and McGill involv. grade; structures and crushed gravel surface.

SAN JOSE, Santa Clara Co., Cal.—A. J. Ralsch, 46 Kearny St., San Francisco, awarded cont. by city to imp. Ninth St. bet. Washington St. and Empire St., involv. grade; 1½-in. asph. conc. surface pave. on a 3-in. asph. conc. base; hyd. conc. curb, gutter; 4-in. vit. pipe house sewer laterals.

SACRAMENTO, Calif.—D. McDonald, 1118 G St., Sacramento, at 54c cu. yd., awarded cont. by Southern Pacific R. R. to const. roadbed for drill track leading from railroad yard in 12th St. to Calif. Co-op. Canneries, north of North B St., along th St., involv. 9,550 cu. yds. embankment in place.

OAKLAND, Cal.—Until June 7, 12 noon bids will be rec. by Frank C. Merritt, city clerk, to sewer Stanley Ave. bet. Oliver and Jones Aves., including manholes, lampholes and wye branches, 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Geo. N. Randle, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 7, 3 P. M. bids will be rec. by H. E. Miller, county clerk to const. Larkin Valley Road, Sec. 2, Sta. 45 plus 90 to Sta. 90 plus 37 in Pajaro Road. Dist. Cert. check 10% req. with bid. Spec. obtainable from County Surveyor Lloyd Bowman on deposit of \$5, returnable.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4183) to imp. Santa Clara St., bet. 1st and 5th Sts., involv. removal of basalt block gutters and const. of new cem. conc. gutters together with foundation for same. 1911 Act. Protests June 18. John J. Lynch, city clerk. Wm. Popp, city engineer.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

SEATTLE, Wash.—Bids will be asked by city about June 11 to imp. 6th Ave. and other Sts., in Denny Hill No. 2 re-grade district, involv. grade; regrade; pave; watermain; conc. walks, etc. Est. cost \$2,024,211.

DEL NORTE COUNTY, Cal.—Until June 19, 10 A. M., bids will be rec. by C. H. Sweetster, dist. eng., U. S. Bur. Pub. Rds., 461 Market St., San Francisco, for imps. and protection work on portions of Sec. A, bet. Sta. 235 plus 50 and Sta. 446 plus 50 and portions of Sec. C, bet. Sta. 3 plus 00 and Sta. 682 plus 73 on Route 1, Crescent City National Forest Highway, 2.76-mi. in length, involv. 93,074 cu. yds. excavation, unclassified for structures; 4,183 cu. yds. remove existing embankment; 51,708 sta. yds. overhaul; 2.76-mi. finish earth graded roads; 181.13 cu. yds. A. conc.; 5,795 lbs. reinf. steel; 2,261 cu. yds. cem. rubble masonry; 475 cu. yds. hand laid riprap; 631 cu. yds. hand laid rock embankment; 696 lin. ft. C.M.P., haul and place; 444 lin. ft. C.M.P., clean and relay; 4,791 cu. yds. wired rap rap; 111,617 lbs. wire mesh in baskets; 10,648 lin. ft. ¼-in. wire cable ties; 270 lin. ft. half circle flume. Cert. check 5% req. with bid. Plans on file at office of U. S. Bur. Pub. Rds., Postoffice Bldg., Portland, Ore., and obtainable from San Francisco offices, on deposit of \$10, check being payable to Federal Reserve Bank of San Francisco.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4169) to imp. Atlanta St., bet. Delmas and Prevost Sts., and Spencer Ave., bet. Atlanta and Willow Sts., involv. grade; 1½-in. asph. conc. surface; 2½-in. asph. conc. base nave; hyd. conc. curb, gutter, walks; hyd. conc. storm water inlet; 8-in. vit. pipe drains; 4-in. vit., 4-in. c. l. pipe lateral sewers. 1911 Act, Bond Act 1915. Protests June 11. John J. Lynch, city clerk. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4182) to imp. Tillman Ave., bet. Hester and Park Aves., involv. grade; 5-in. cem. conc. pave; conc. curb, walks; 4-in. vit. sewer laterals. 1911 Act, Bond Act 1915. Protests June 18. J. J. Lynch, city clerk. Wm. Popp, city engineer.

MARIN COUNTY, Cal.—Hanrahan Co., Standard Oil Bldg., San Francisco, at \$215,662 (eng. est. \$241,405) awarded cont. by State Highway Comm. to grade and pave with cem. conc. 4.9 mi. bet. Ignacio and Gallinas Creek.

ORANGE COUNTY, Cal.—Bert Calvert, 1008 Towne St., Los Angeles, at \$44,899 (eng. est. \$50,113) awarded cont. by State Highway Comm. to grade and surface with oil treated crushed gravel or stone 0.9 mi. from Galivan to 1 mi. north.

SAN BRUNO, San Mateo Co., Cal.—Hanrahan Co., Standard Oil Bldg., San Francisco, at \$6,826 awarded cont. by city to imp. San Felipe Ave., involv. 1,700 cu. yds. grading; 24,006 sq. ft. 5-in. asph. pave; 1100 lin. ft. cem. curb and gutter; 5430 sq. ft. cem. walks; 1 catchbasin; 24 lin. ft. 12-in. conc. pipe. Other bids: Union Paving Co., San Francisco, \$9,065; Peninsula Paving Co., San Francisco, \$9,568.

COLUSA, Colusa Co., Cal.—Until June 5, 2 P. M., bids will be rec. by T. D. Cain, county clerk, to imp. Maxwell-Mills Orchard Road from town of Maxwell westerly to Eng. Sta. 237-69. Plans on file in office of clerk.

TEHAMA COUNTY, Cal.—T. E. Connolly, 461 Market St., San Francisco, at \$62,532.50 (eng. est. \$69,737.50) awarded cont. by Bureau of Public Roads to surface 9.15-mi. of Lassen Volcanic Nat'l. Park Highway System from Sta. 0 plus 00 to Sta. 522 plus 25 on north portion of Route 1, involv. 500 cu. yds. unclassified borrow; 9.15-mi. fine grading, subgrade and shoulders; 14,500 cu. yds. crushed rock surfacing; 3450 cu. yd. binder hauled over 500 ft.; provide and maintain watering plants; 370 M. gals. watering; 1700 cu. yds. supplemental crushed rock.

TEHAMA COUNTY, Cal.—Arthur Jones, Montague, Calif., at \$48,838.80, awarded cont. by U. S. Bureau Public Roads, San Francisco, to grade 2.72-mi.

of Lassen Volcanic Nat'l. Park Highway System, from Sta. 240 plus 00 to Sta. 385 plus 59 of Section C, Route 1, involv. 6 acres clearing; 67,400 cu. yds. unclassified excavation; 106 cu. yds. excavation, unclassified for structures; 11,000 sta. yds. overhaul; 31 cu. yds. cem. rubble masonry; 840 lin. ft. 18-in. and 366 lin. ft. 24-in. C. M. F., haul and place.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$22,000 awarded cont. by county for Warrenite surfacing on three sections of county road near Arcata, in Road District No. 5.

DEL NORTE COUNTY, Cal.—Holden Construction Co., 2608 R St., Sacramento, at \$46,486 (eng. est. \$61,800) awarded cont. by State Highway Comm. to surface with crushed gravel or stone 21.0 mi. bet. Crescent City and 0.7-mi. south of Oregon Line.

OAKLAND, Cal.—City declares inten. to imp. Columbia Dr. from Mountain Blvd. to Greenly Dr., Circle Hill Dr. from Greenly Ave., east, Valentine St., from Columbia Dr. S. e., and a portion of Mountain Blvd. adjacent to Columbian Dr., involv. grade; curbs; pave; gutters; walks; storm water drain; corr. iron pipe conduit; storm water drainage system. 1911 Act. City will pay one-half cost of corr. iron pipe conduit with appurtenances from General Fund. Protests June 14. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—City declares inten. to imp. 24th St. bet. Market and Adeline Sts., and portions of Market St., Myrtle St., Filbert St., and Chestnut St., adjacent to 24th St., involv. grade; curbs; pave; catchbasins; conduits; manholes; sewers with appurtenances. 1911 Act. Protests June 14. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until June 4, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4144) to imp. Edwards Ave., bet. Almaden Ave. and Palm St., involv. grade; 1½-in. asph. conc. surface, 2½-in. asph. conc. base nave; hyd. conc. gutters, curbs; walks; 6-in. conc. alley driveway; 6-in. vit. sewers; lampholes, 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Wm. Popp, city eng.

UKIAH, Mendocino Co., Cal.—Until June 12, 7:30 P. M., bids will be rec. by F. C. Handy, city clerk, to const. system of street sewers and an outfall sewer. Cert. check 10% payable to city council req. with bid. Plans on file in office of clerk.

PETALUMA, Sonoma Co., Cal.—J. R. Silva, Petaluma, awarded cont. by city to sewer Olive St. bet. Mountain View Ave. and pt. 666 feet west, involv. 666 ft. 6-in. ironstone pipe, \$.69 ft.; one manhole, \$.38.

LIVERMORE, Alameda Co., Cal.—Contractors' Road Oiling Co., Emery, awarded cont. by city to oil South Livermore Ave. and South H. St., at 15c and 15½c sq. yd., respectively. Other bids: A. C. Casson, Hayward, 15½c; N. D. Dutcher, Jr., Livermore, 17½c.

CALIFORNIA.—Initiative petitions for the proposed \$40,000,000 bond issue to finance const. of the proposed "California Fast Highway" from Tracy to Los Angeles will be placed in circulation at once. Will be two-way highway, 30-ft. wide on each side; 250 miles will be straight roadway out of approx. 400 miles involved.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (665) to imp. Channing Ave. bet. Guinda St. and M. Ave., involv. grade; hyd. conc. curb, walks; driveway approaches; vit. sewer; corr. iron pipe water connections; 6-in. hyd. conc. pave; also Guinda St. bet. Dava and Melville Aves., involv. grade; hyd. conc. curb, walks; driveway approaches; vit. sewer connections; corr. iron water pipe connections; 6-in. hyd. conc. pave. 1911 Act, Bond Act 1915. Protests June 11. F. R. Chilton, city clerk. J. F. Ryhee, Jr., city eng.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (663) to imp. Kenlogg Ave. bet. Cowper St. and Muirfield Ave., involv. grade; hyd. conc. walks and driveway approaches; vit. sewers; galv. iron pipe water connections; 6-in. hyd. conc. pave; also Santa Rita Ave. bet. Alma and Waverly Sts., involv. grade; hyd. conc. walks, driveway approaches; vit. sewer connections; galv. iron water pipe connections; 6-in. hyd. conc. pave. 1911 Act. Bond Act 1915. Protests June 11. E. L. Beach, city clerk. J. F. Bxybee, Jr., city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (418-C) to imp. Santa Cruz St., bet. Laguna and Columbia Sts., involv. vit. clay pipe main san. sewer with wye branches and san. sewer manholes. 1911 Act, Bond Act 1915. Protests June 11. S. A. Evans, city clerk. Roy Fowler, city engineer.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to const. Section 1 of Lone Star-Low Gap Rd. Cert. check 5% req. with bid. Specification on file in office of clerk.

GRIDLEY, Butte Co., Cal.—City rejects bids to imp. portions of Washington, Locust, Virginia Sts. et al., involv. grade; hyd. conc. curbs, gutters; corr. iron culverts; 4-in. asph. macadam pave. New bids will probably be asked. M. J. Bevanda, Stockton, sub. low bid at \$45,921 which was 30% higher than estimate of City Eng. Martin C. Polk.

VALLEJO, Solano Co., Cal.—City declares inten. (145) to imp. Kissel alley bet. Sutter and Napa Sts., involv. grade; 5-in. cem. conc. pave. 1911 Act, Bond Act 1915. Protests June 8. Alf. E. Edgumbe, city clerk. T. D. Kilkenny, city engineer.

SAN LUIS OBISPO COUNTY, Cal.—Until June 20, 2 P. M., bids will be rec. by State Highway Comm., to grade and pave with Port. cem. conc. and water-bound macadam 1.0 mi. three miles south of San Luis Obispo. C. H. Purcell, state highway engineer. See call for bids under official proposal section in this issue.

VALLEJO, Solano Co., Cal.—City declares inten. (143) to imp. National alley bet. Sonoma and Sutter Sts., and bet. Sutter and Napa Sts., involv. grade; 5-in. cem. conc. pave. 1911 Act, Bond Act 1915. Protests June 8. Alf. E. Edgumbe, city clerk. T. D. Kilkenny, city engineer.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—M. J. Bevanda, Stockton, at \$153,333.33 awarded cont. by county to imp. streets in the Town of Pismo, including Pomeroy Ave., Cypress St., Ocean View Ave., and other streets, involv. 5-in. concrete pavement, curbs, gutters, walks, 6-in. vitrified sewers, Marbelite lighting posts, cast iron water mains. Other bids were: United Conc. Pipe & Const. Co., \$154,131; K. S. Heath, \$157,682; J. F. Knapp, \$165,531; Hanrahan Co., \$168,008; Cornwall Constr. Co., \$176,189; Fleming Constr. Co., \$273,607.

MONTEREY, Monterey Co., Cal.—Until June 5, bids will be rec. by Clyde A. Dorsey, city clerk, (2712) to imp. portions of Pearl St., involv. grade; 6-in. cem. conc. pave; conc. curbs, walks; 3 catchbasins. 1911 Act. 1915 Bond Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. H. D. Severance, city eng.

ROSEVILLE, Placer Co., Cal.—City declares inten. (2-H) to imp. Lincoln St. from north extension of SE line of Church St. SE to NW line of Vernon St., involv. conc. gutter; conc. catchbasins; corr. iron segmental culverts with con. headwall; remove oiled wearing surface and existing conc. base to be surfaced with asph. conc. 1911 Act, Bond Act 1915. Protests June 6. F. R. Chilton, city clerk.

OAKLAND, Cal.—City declares inten. to imp. 73rd Ave., bet. Mountain Blvd. and Simson St., and portion of Sunnyside Ave. and 72nd Ave., adjacent to 73rd Ave., involv. grade; curbs; gutters; nave; walks; corr. iron and conc. culverts; conduit with appurtenances. 1911 Act. Protests June 14. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

OAKLAND, Cal.—City declares inten. to imp. Krause Ave. bet. SE termination and Church St., incl. grade; pave.; curbs; walks. 1911 Act. Protests June 14. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

STOCKTON, San Joaquin Co., Cal.—County supervisors petitioned to imp. 6 mi. stretch of Jack Tone road in southern section of county. F. E. Quail, county surveyor.

May 29, 1928
SANTA CRUZ, Santa Cruz Co., Cal.—Thompson Bros., Santa Cruz, at \$3599.91 awarded cont. by city to imp. portions of Bay St., involv. 5-in. conc. pave.; vit. clay pipe main san. sewer laterals. Other bids: W. E. Miller, Santa Cruz \$4173.96; Granite Construction Co., Watsonville \$4203.36.

May 29, 1928
LOS ANGELES, Cal.—Until 1:30 P. M., June 13, bids will be rec. by County Sanitation District No. 2, 130 N. Broadway, to const. main trunk sewer from Vinvale to Randolph St., involv. 9500 ft. 9-in. reinf. conc. pipe sewer with vit. clay-liners in the upper two-thirds; 5550 tons gravel to be placed where required under pipe; 14 standard manholes; 6 standard junction chambers; 4 special manholes. Plans obtainable from Chief Eng. A. K. Warren. A. S. Soule, secretary.

May 29, 1928
LARKSPUR, Marin Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at \$3,645 awarded cont. by town to imp. Estelle Ave. in Murray Tract, bet. Magnolia Ave. and south city limits, etc., involv. grade; 4-in. asph. conc. pave.; conc. curb and gutter; conc. and iron catchbasins; corr. iron culverts; hyd. conc. headwalls.

May 29, 1928
SUSANVILLE, Lassen Co., Cal.—Until June 13, 7 P. M., bids will be rec. by city to const. 26,233.8 lin. ft. sidewalk and 1,230 ft. of curb and gutter. Plans obtainable from M. J. Tilley, city eng., on deposit of \$10, returnable.

May 29, 1928
WOODLAND, Yolo Co., Cal.—County plans direct highway between West Sacramento Valley and Napa and the bay district, cutting off more than 10 miles of the present route, providing Solano county will cooperate with Yolo and Napa counties in the project. A joint highway district will probably be formed to finance the work. State aid will also be secured.

May 29, 1928
UKIAH, Mendocino Co., Cal.—Until June 12, bids will be rec. by Hale Prather, county clerk, to fur. 5,000 yds. crushed rock at Noyo river bridge, in 4th Sup. Dist. Spec. on file in office of clerk.

LIVINGSTON, Merced Co., Cal.—City declares inten. (40-C) to const. 8, 10 12 and 15-in. vit. clay san. sewers; wye branches; conc. manholes with c. i. covers; conc. flushtanks; vit. lampholes with c. i. covers in various streets. 1911 Act. Bond Act 1915. Protests June 18. E. J. Hicks, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—City declares inten. (K-4) to imp. portions of Hazel Ave., Hemlock Ave., Linden St., etc., involv. 144,182 sq. ft. 2½-in. asph. base, 1½-in. Warrenite Bit. surface pave.; 44,009 sq. ft. cem. walks; 10,135 lin. ft. conc. curb and gutter; 222,089 sq. ft. 3-in. rock cushion; 4,766 cu. yds. cut; 804 cu. yds. fill; 5 catchbasins; 196 lin. ft. vit. pipe sewer. 1911 Act. Bond Act 1915. Protests June 4. W. A. Price, city clerk. C. L. Dimmitt, city eng.

SAN FRANCISCO—As previously reported, bids will be rec. by Board of Public Works, June 6, 3 P. M., to const. Section A, under Contract 6 of Bayshore Blvd., from Silver Ave. to Potrero Ave., involv. 50,000 cu. yds. excavation; 472,000 sq. ft. 8-in. conc. base, 1½-in. asph. binder and 1½-in. asph. surface pave.; 39,000 sq. ft. oiled macadam pave.; 89,000 sq. ft. walks; 13,000 sq. ft. conc. gutter. Est. cost 195,000. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN FRANCISCO—As previously reported, bids will be rec. by Board of Public Works, to const. extension to Guttenberg St. Sewer, involv. 1000 lin. ft. 2x3 ft. reinf. conc. sewer with manholes, etc. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

GALT, Sacramento Co., Cal.—Galt Sanitary District was organized at recent election and will finance const. of sewer system. M. A. Sparks was elected president and Geo. May, Albert Osler, J. W. Larrick, Dr. J. T. Christian and W. B. Porter, trustees.

SACRAMENTO, Cal.—City declares inten. (2246) to imp. 36th St. from 9th Ave. to pt. 825 ft. south, involv. vit. sewer; conc. manholes; asph. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests June 14. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2245) to imp. 43rd St., bet. R and T Sts., involv. conc. curb, gutter; c. i. drains; vit. sewers; conc. manhole; repair manhole; asph. conc. pave. 1911 Act, Bond Act 1915. Protests June 14. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—City declares inten. (2274) to imp. San Carlos Way, bet. 5th and 8th Aves., involv. conc. curb, gutter; c. i. drains; vit. sewers; conc. manholes; 1-in. water main connections; asph. conc. pave with seal coat. 1911 Act, Bond Act 1915. Protests June 14. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

MERCED, Merced Co., Cal.—Valley Paving & Construction Co., Visalia, awarded cont. by city to imp. M St., bet. 13th and 14th Sts., etc., involv. asph. pave, \$19; grade, \$.029; intersect curb, \$.75; comb. conc. curb and gutter, \$1.25; 12-in. culverts, \$2.50; 24-in. culverts, \$4; culvert manholes, \$15; conc. pave, \$.25.

LIVINGSTON, Merced Co., Cal.—Manuel Smith, 3321 Randolph St., Oakland, at \$43,209 awarded cont. by city to const. vit. sewers, involv. 8-in. to 18-in. dia. pipe; wye branches; manholes, etc.
City Constr. Co., 6437 Colby St., Oakland at \$11,400 awarded cont. to const. reinf. conc. preliminary settling tank, including inlet, sludge drying bed, etc.

SALINAS, Monterey Co., Cal.—City declares inten. (72) to imp. portions of Lang St., involv. grade; hyd. conc. curb; 5-in. hyd. conc. pave.; hyd. conc. walks. 1911 Act, Bond Act 1915. Protests June 18. M. R. Keef, city clerk. Howard Cozzens, city engineer.

WATSONVILLE, Santa Cruz Co., Cal.—City declares inten. (1867) to imp. Jefferson St. bet. California and High Sts., etc., involv. grade; macadam with asphaltic oil; conc. curb, gutter. M. M. Swisher, city clerk. H. B. Kitchen, city engineer.

WOODLAND, Yolo Co., Cal.—Until June 4, 5 P. M., bids will be rec. by J. H. Laugenour, city clerk, to const. hyd. cem. conc. walks in portions of 5th St., Beamer St., Clover St., etc. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—Clark and Henry Const. Co., Ochsner Bldg., Sacramento, at 24¼ sq. ft. awarded cont. by Southern Pacific R. R. to const. team track driveway bet. 22nd and 25th Sts. and 2-ft. outside in R St., involv. 22,545 sq. ft. 6-in. asph. conc. pave.

VALLEJO, Solano Co., Cal.—City declares inten. (147) to imp. Quincey alley bet. Napa St. and El Dorado St., involv.

grade; r. w. curbs; 5-in. conc. pave. 1911 Act, Bond Act 1915. Protests June 11. Alf. E. Edgumbe, city clerk. T. D. Kennedy, city engineer.

BERKELEY, Alameda Co., Cal.—City declares inten. (624) to imp. 60th St., bet. Francisco and Virginia Sts., involv. grade; pave; curbs; gutters; walks; lateral sewers. 1911 Act, Bond Act 1915. Protests June 12. Emma M. Hann, city clerk.

U. S. ERECTING EXHIBIT BUILDINGS AT SEVILLE, SPAIN

Forty thousand dollars' worth of building materials are now being exported from this country to Seville, Spain, for use in the construction of the United States government buildings in the coming Ibero-American Exposition.

These materials will include lumber, steel, plumbing and electrical equipment, not available in Spain, where, according to the architect, William Templeton Johnson, the local contractors are now receiving a free object-lesson in American building methods.

One permanent building, after the close of the Exposition, to be used as the U. S. Consulate and two temporary buildings are being erected on the site allocated to the United States Government. In these twenty-three government departments and bureaus will display their exhibits, space for private firms being purchasable in the Spanish buildings.

The Exposition, which is to be known as the Ibero-American, will be opened, by King Alphonso on March 15, 1929. In it will be represented all the republics of South and Central America, Cuba, Mexico, the Philippine Island, Morocco, in short, all countries which Spain helped colonize. It will last throughout the year, and as a result of it Spain hopes to stimulate the cultural and commercial renaissance now in progress under the constructive policy of King Alphonso and Primo de Rivera.

PACIFIC LIME AND U. S. LIME PRODUCTS IN MERGER

The Pacific Lime and Plaster Company of San Francisco, announces its merger with the United States Lime Products Corporation, also of San Francisco. Chas. M. Cadman is now president of the merged companies.

The United States Lime Products Corp. now maintains two plants, one at Sloan, Nevada, the other at Sonora, California, both manufacturing lime products. Warehouses are maintained at Portland, Los Angeles and San Francisco, with the main offices at 58 Sutter St., San Francisco.

The Pacific Lime & Plaster Co., just prior to its merger, had just turned out its millionth bag of hydrated lime.

FOREIGN CEMENT FOR NORTH CAROLINA ROADS

A cargo of 50,000 bags of foreign cement arrived at Wilmington, N. C., recently. This is said to be the largest cargo ever imported through Wilmington. The shipment is consigned to the North Carolina state highway commission and will be used in road construction work throughout the state. It was the third shipment of Belgian cement received within the last two months. The commission now has orders for several other shipments.—Greenboro (S. C.) News.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to **BUILDING AND ENGINEERING NEWS**. No charge for this service. The plans will be returned in good condition when contract for work is let.

Official Proposals

NOTICE TO CONTRACTORS

Mechanical Work.

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Friday, June 22, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the Mechanical Work, Home Economics Building, Santa Barbara State Teachers' College, Santa Barbara, California, in accordance with plans and specifications therefor, which are on file in the office of the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Plans and Specifications will be on file for examination at Room 1025 Sun Finance Building, Los Angeles, California, and at the Builders' Exchange at Los Angeles and Santa Barbara.

Mechanical Work includes Plumbing, Heating and Electrical Work. Separate bids will be received for "Electrical Work," and for "Plumbing and Heating." Combined bids will also be received covering all three branches of the work. Bids must be submitted on forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of twenty-five (\$25.00) dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the Division of Architecture at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Mechanical Work, Home Economics Building, Santa Barbara, California." STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE

GEO. B. McDOUGALL,

State Architect.

E. B. MEEK,

Director of Public Works.

37

NOTICE TO CONTRACTORS

General Work

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to 2 o'clock P. M., Friday, June 22, 1928, said bids then and there to be publicly opened and read, for furnishing all plant, materials and labor required for the erection and completion of the General Work of the Home Economics Building, Santa Barbara State Teachers' College, Santa Barbara, California, in accordance with plans and specifications therefor, which are on file in the office of the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Plans and Specifications will be on file also at Room 1025 Sun Finance Building, Los Angeles, and at the Builders' Exchange in Los Angeles and Santa Barbara, and they may be examined at any of these addresses by any interested party.

The Home Economics Building is a two-story and basement reinforced concrete building with concrete and hollow tile partitions, cement and wood floors, wood roof construction and tile roof.

Prospective bidders for the entire work as called for in the Proposal Form may obtain sets of the Plans, Specifications and Proposal Forms upon application and the filing with the Division of Architecture of a deposit of twenty-five (\$25.00) dollars for each set, checks shall be made payable to the Department of Public Works, Division of Architecture. Deposits will be returned immediately upon receipt of the plans and specifications by the Division of Architecture, at Sacramento, California, in good condition, provided same are received within 30 days after date of opening bids, otherwise the deposit will be forfeited to the State.

Bids must be submitted on Proposal Forms prepared and furnished by the Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with bid.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Home Economics Building, Santa Barbara State Teachers' College, Santa Barbara, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,

State Architect.

B. B. MEEK,

Director of Public Works.

37

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building Sacramento, California, until 2 o'clock P. M., on June 20, 1928, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Placer County, a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Railroad at Weimar (III-Pla-37-B), consisting of one 47'-6" span, one 46'-1" span, four 30'-0" spans and one 28'-6" span on concrete piers and bents on pile foundations.

Placer County, a reinforced concrete

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

girder bridge across Truckee River at Tahoe City (III-Pla-38-A) consisting of four 30 foot spans on concrete bents and abutments with wing walls.

San Luis Obispo County, three miles south of San Luis Obispo (V-SLO-2-E), about one (1.0) mile in length, to be graded and paved with Portland cement concrete and waterbound macadam.

Tulare County, the following three reinforced concrete bridges between Tulare and Goshen (VI-Tul-4-F):

Across Cameron Creek about 2½ miles north of Tulare, an existing bridge consisting of two 12-foot slab spans to be widened from 26-foot roadway to 30-foot roadway.

Across Packwood Creek about 4½ miles north of Tulare, an existing bridge consisting of one 30-foot girder span to be widened from 21-foot roadway to 30-foot roadway.

Across Mill Creek about 7¾ miles north of Tulare, a bridge consisting of one 30-foot girder span with a 30-foot roadway to be constructed.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the interests of the State.

DEPARTMENT OF PUBLIC WORKS, DIVISION OF HIGHWAYS,

C. H. PURCELL,

State Highway Engineer.

Dated: May 23, 1928.

BIDS WANTED

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 19, 1928. Sealed bids will be opened in this office at 3 p. m., June 15, 1928, for constructing New Additional Storage Vault at the U. S. mint at San Francisco, Calif. Drawings and specifications may be obtained from the custodian, or at this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect. May 24-26-28

37

NOTICE TO BIDDERS

(School Addition—Merced Union Grammar School District)

The Board of Trustees of the Merced Union Grammar School District, Merced County, California, will receive sealed proposals up until 8 o'clock P. M. of June 6th, 1928, at the John Muir School, Merced, California, at which time and place bids will be considered for the erection of a three-room reinforced concrete addition to the John Muir School and for the extension of the present heating and ventilating system to ac-

commodate the addition.

Bids will be taken separately on the heating and ventilation work.

Each bid must be accompanied by a certified check drawn to the order of Walter Mink, Clerk of the Board of Trustees, as a guarantee of good faith, and check to be in an amount not less than ten (10%) per cent of the bid submitted.

Plans and specifications and bidding forms for the work mentioned may be procured at the office of W. E. Bedesen, Engineer, Shaffer Bldg., Merced, Calif.

The said Board reserves the right to reject any or all bids, to waive any informality in any bid received, or to accept any bid which in their judgment best serves the district's interest.

By order of the Board of Trustees of the Merced Union Grammar School District, Merced County, California.

WALTER MINK, Clerk.

Dated May 21, 1928.

37

(D) NOTICE TO CONTRACTORS

(West Stanislaus Irrigation District)

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at their office in Westley, Stanislaus County, California, up to two o'clock P. M. (2:00 P. M.) June 16th, 1928, and will at that time be publicly opened, for the construction of approximately two and three-fifths miles of Main Canal, in accordance with the contract, plans and specifications thereof.

CONTRACT NO. 4.—Construct Main Canal from station 125+000 to station 263+000 including approximately 120,000 cu. yds. of earth excavation and 600,000 sta. yds. of haul.

All proposals must be accompanied by a certified check for at least five (5) per cent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of the successful bidder will be returned when the contract has been executed and the required bonds furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof, will become and remain the property of the West Stanislaus Irrigation District.

Plans, specifications and contract are on file and can be inspected at the District's office at Westley, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

A full set of plans, specifications and contract may be obtained at the Engineer's office or at the District's office on deposit of \$10.00 for each set, which sum will be returned on the return of the same in good condition within ten days after the date on which bids are opened.

The contract will be let to the lowest responsible bidder, except that the District reserves the right to reject any and all bids. Bids will be opened at the District's office at Westley, California, Saturday, June 16th, 1928.

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,

Secretary of the Board of Directors.

(D) NOTICE TO CONTRACTORS

(Cleveland School Additions—Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland High School District of Alameda County hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 12th day of June, 1928, at 10:45 A. M., at which time said bids will be opened, for the erection and completion of the Additions to the Cleveland School of the Oakland School District, to be erected on the south side of Cleveland Street between Montclair and Athol Avenues. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th St., Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and speci-

fications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before June 12, 1928, shall be returned on or before June 13, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided, however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 12th day of June, 1928, at 10:45 A. M., in the Board Room, 211, Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDMOND,
Secretary of the Board of Education of Oakland, California.

(D) NOTICE TO CONTRACTORS

(Physical Education Building—Delano, California)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Delano Joint Union High School District for the erection and completion of a one-story brick Physical Education Building up to 7:30 P. M. of June 26, 1928. Bids to be opened in public at the Delano High School Building.

Plans and specifications for said building on file with the clerk of the board and open for the inspection of bidders. Copies of same may be obtained at the office of the architect, Charles H. Biggar, 405-6 Bank of Italy Building, Bakersfield, California, upon deposit of \$20.00. Such deposit will be returned upon receipt of the plans and specifications in good order, at time designated by the architect.

All bids must be made out on bid form furnished by the architect and shall be accompanied by a certified check or bidder's bond for 10% of the amount bid. Such check to be made payable to the Board of Trustees, Delano Joint Union High School District, and shall be submitted as evidence of good faith and that the bidder if successful will enter into contract with, and satisfactory to said board, for the erection of said building, and in addition thereto, furnish good and sufficient surety bonds therefor, satisfactory to the Board of Trustees.

The Board of Trustees reserves the right to reject any or all bids, or waive any informality in any bid received.

By order of the Board of Trustees, Delano Joint Union High School District, made May 22, 1928.

HARRY R. DEVENNEY,

President.

O. A. CLASEN, Clerk.

(D) NOTICE TO CONTRACTORS AND BIDDERS

(Salinas Union High School District)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Salinas Union High School District, Monterey County, State of California, at 7:30 P. M., on the 12th day of June, 1928, in the high school building of said school district in the County of Monterey, State of California, for the erection and completion of a Junior College building in said school district, for the installation of a heating system therein, for the installation of a plumbing system therein, and for alterations and additions to the High School Building, for the above named district, all in accordance with the plans and

specifications made for the same by Ralph Wyckoff, the authorized architect, employed by the Board. Proposals will be received separately with alternate propositions on a general contract, plumbing and heating, including everything specified and shown.

Plans and specifications can be seen at the office of Ralph Wyckoff, Architect, Grower's Bank Building, San Jose, California.

A deposit of twenty (\$20.00) dollars will be required on all plans loaned out as a guarantee of good faith.

All proposals to be made out on blank forms, furnished by the architect and must be accompanied by a check for not less than five per centum of the amount of the bid, made payable to E. L. Van Dellen, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including June 12th, 1928, at 7:30 P. M. and must be addressed to Mr. E. L. Van Dellen, Clerk of the Board of Trustees of the Salinas Union High School District, Salinas, California.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees, dated May 10th, 1928.

E. L. VAN DELLEN,
Clerk, Board of Trustees

(D)

NOTICE TO CONTRACTORS

(Pumping Equipment—Alameda County)

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, ALAMEDA COUNTY, CALIFORNIA.

Sealed Bids will be received by the Clerk of the Board of Supervisors of Alameda County, California, at his office, Monday, the 18th day of June, 1928, at 10:30 A. M. (the day when said bids will be opened and the contract awarded) for the furnishing and installing of the pumping equipment in the Oakland and Alameda Portal Buildings and in Segment "D" of the Estuary Subway, Alameda County, California.

Plans and specifications for said work are on file in the office of the County Clerk of Alameda County, in the Hall of Records Building, in the City of Oakland, County of Alameda, State of California, where copies may be obtained in the following manner, viz:

Contractors may secure complete copies of the specifications by depositing with the County Clerk the sum of Twenty-five (\$25.00) Dollars.

Contractors will be required to return copies of the specifications in good condition to the office of the County Clerk of Alameda County, California, not later than the day upon which bids are to be opened for the above specified equipment.

Deposits of contractors failing to return said specifications on or before the date of opening of bids will immediately become forfeited to the County of Alameda.

Each bid must be accompanied by a certified check of a bank of the State of California, or a National Bank doing business in the State of California, for a sum equal to ten (10) per cent of the total amount bid made payable to Geo. E. Gross, Clerk of the Board of Supervisors of Alameda County, to be forfeited to the County as agreed and liquidated damages should the party or parties to whom the contract shall be awarded, fail to enter into the contract after the award or to give the bond required by law and by the said specifications.

The Board of Supervisors reserves the right to reject any and all bids.

DATED May 21st, 1928.

GEO. E. GROSS,

County Clerk and Ex-Officio Clerk of the Board of Supervisors.

A bird in the hand is worth two in the bush. And so it is in the construction game. Larsen's Advance Construction Report is an aviary of birds in your office every morning waiting to be fed by your sales force. Send for sample copies. Larsen Advance Construction Reports, 547 Mission St., San Francisco. No charge. No obligation.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1324	Allred	Owner	7000
1325	Bretto	Fetz	1000
1326	Costello	Owner	4000
1327	Dairy	Wilhelm	4200
1328	Hanna	Taylor	1000
1329	Moneta	Owner	14000
1330	Standard	Owner	4500
1331	Svabeck	Nichols	3000
1332	Browne	Owner	2000
1333	Cooper	Prout	7000
1334	Hannah	Owner	140000
1335	Holliday	Callaghan	2000
1336	Martin	Owner	4000
1337	Toneson	Owner	5000
1338	Tonna	Delucchi	4000
1339	Mitchell	Waldeman	15000
1340	Avansino	Owner	30000
1341	Arnott	Owner	8000
1342	Same	Arnott	4000
1343	California	Hannah	1800
1344	Hadeler	Young	2000
1345	Farncroft	Meyer	6000
1346	Lind	Owner	2000
1347	Lindsay	Owner	8000
1348	McCarthy	Arnott	3000
1349	Same	Same	6000
1350	Rose	Rose	4000
1351	Seguine	Owner	4000
1352	Staff	Owner	4000
1353	Anderson	Metz	2500
1354	Anderson	Owner	5000
1355	Bank of Italy	Lindgren	20000
1356	Harney	Unsworth	1000
1357	Vellguth	Peterson	10000
1358	Barrett	Owner	1450
1359	Cook	Hansen	8000
1360	Demulder	Owner	3000
1361	Peterson	Owner	16000
1362	Stanley	Owner	5500
1363	Van Herrick	Owner	70000

DWELLING

(1324) E FERNWOOD 101 S Ravenwood. Two-story and basement frame dwelling.

Owner—C. S. Allred, 391 Ashton St., San Francisco.

Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$7000

ALTERATIONS

(1325) NO. 415 CHARTER OAK. Move and alter dwelling.

Owner—G. B. Bretto, Box 178, Cloverdale.

Architect—None.

Contractor—P. Fetz, 460 Wilde Ave., San Francisco. \$1000

DWELLING

(1326) W TWENTY-FIRST AVE 75 N Rivera. One-story and basement frame dwelling.

Owner—Lawrence Costello, 382 27th Ave., San Francisco.

Architect—None. \$4000

BOILER ROOM

(1327) NO. 1410 DIVISADERO. One-story brick boiler room.

Owner—Dairy Dale Co., 3550 19th St., San Francisco.

Architect—W. H. Troepke, Call Bldg., San Francisco.

Contractor—A. W. Wilhelm, 666 Mission St., San Francisco. \$4200

GARAGE

(1328) NO. 2505 DIVISADERO (rear). One-story concrete private garage.

Owner—R. J. Hanna, 2505 Divisadero St., San Francisco.

Architect—None.

Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. \$1000

DWELLINGS

(1329) N DELONG 50, 75, 225 and 250 W Crystal. Four one-story and basement frame dwellings.

Owner—Moneta Investment Co., 116 9th St., San Francisco.

Architect—None. \$3500 each

DWELLING

(1330) E THIRTY-FIRST AVE 225 S Rivera. One-story and basement frame dwelling.

Owner—Standard Bldg. Co., 218 Castenada St., San Francisco.

Architect—None. \$4500

ALTERATIONS

(1331) SW ARLINGTON & ROANOKE. Move, remodel, alter and add to dwelling.

Owner—J. Svabeck, 71 Arlington St., San Francisco.

Architect—None.

Contractor—Nichols & Ghiotlo, 285 Arlington St., San Francisco. \$3000

ALTERATIONS

(1332) NE POST AND AGATE ALLEY. Alter and remodel rooms and baths.

Owner—Browne Investment Co., 68 Post St., San Francisco.

Architect—None. \$2000

DWELLING

(1333) S MAGELLAN 600 N Montalvo. Two-story and basement frame dwlg.

Owner—W. M. Cooper, 469 Turk St., San Francisco.

Plans by Owner.

Contractor—J. Prout, 515 Magellan St., San Francisco. \$7000

APARTMENTS

(1334) N PACIFIC AVE. 50 E Webster Six-story and basement steel and concrete (24) apartments.

Owner—Jesse D. Hannah, 825 Sansome St., San Francisco.

Architect—Edward E. Young, 2002 California St., San Francisco. \$140,000

ALTERATIONS

(1335) NO. 2663 DIVISADERO. General pairs and alterations to dwelling.

Owner—Mrs. Holliday, 404 Broadway, San Francisco.

Architect—None.

Contractor—Jack Callaghan, 900 Clayton St., San Francisco. \$2000

DWELLING

(1336) S IDOKA 60 W Laguna Honda Blvd. One-story and basement frame dwelling.

Owner—Martin & Allen, 2436 Bush St., San Francisco.

Architect—None. \$—

DWELLING

(1337) SW MANGELS AND HAMBURG. One-story and basement frame dwelling.

Owner—Stoneson Bros., 279 Yerba Buena Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$5000

DWELLING

(1338) S NEWCOMB 150 W Newhall. One-story and basement frame dwelling.

Capital City Title Company

J. C. PALEN

Manager

914 Seventh Street
Sacramento - California

Owner—E. and C. Tonna, 1412½ Galvez St., San Francisco.

Architect—None.

Contractor—D. Delucchi, 625 Brussels St., San Francisco. \$4000

APARTMENTS

(1339) W BRODERICK 150 N Chestnut Two-story, sunroom and basement frame (4) apartments.

Owner—A. Mitchell, 3433 Broderick St., San Francisco.

Architect—None.

Contractor—A. E. Waldeman, 386 15th St., Oakland. \$15,000

APARTMENTS

(1340) SE FILBERT AND LEAVENWORTH. Four-story and basement Class C reinforced concrete (10) apartments.

Owner—John Avansino, 748 Green St., San Francisco.

Designer—L. Dallorso, 32 Jansen St., San Francisco. \$30,000

GYMNASIUM

(Correction in Construction)

(1323) N SILVER 300 E CAMBRIDGE; 1-story and basement brick gymnasium.

Owner—The Salvation Army, 36 McAllister St.

Architect—R. F. Inwood, Long Beach.

Contractor—Geo. T. Gayton, 36 McAllister St. \$30,000

DWELLINGS

(1341) W FIFTEENTH AVE 279 and 310 N Santiago. Two one-story and basement frame dwellings.

Owner—Jas. A. Arnott & Son, 633 Taraval St., San Francisco.

Architect—None. \$4000 each

DWELLING

(1342) E CECILIA 93 Santiago. One-story and basement frame dwelling.

Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.

Architect—None.

Contractor—Jas. A. Arnott & Son, 633 Taraval St., San Francisco. \$4000

ALTERATIONS

(1343) E MIDWAY 89-6 S Bay. Install concrete foundations and cement floor.

Owner—California Stevedore & Ballast Co., 311 California St., San Francisco.

Architect—None.

Contractor—J. S. Hannah, 268 Market St., San Francisco. \$1800

STORE

(1344) NW MISSION AND FARRAGUT One-story frame store building.

Owner—C. Hadeler, 2094 Mission St., San Francisco.

Architect—None.

Contractor—Young & Horstmeyer, 461 Market St., San Francisco. \$2000

FLATS

(1345) E DIVISADERO 75 S Bay. Two-story and basement frame (2) flats.

Owner—O. A. Farncroft, 25 Vasquez St., San Francisco.

Architect—None.

Contractor—Meyer Bros., 727 Portola Drive, San Francisco. \$6000

ALTERATIONS

(1346) SW NINETEENTH AVE AND Pacheco. Finish plastering, plumbing and electric work for alterations and remodeling residence.

Owner—P. Lind, 54 Stanton St., San Francisco.

Architect—None. \$2000

DWELLINGS

(1347) NE OXFORD 50 and 75 SE Ploche. Two one-story and basement frame dwellings.

Owner—Lindsay Constr. Co., 550 Joost St., San Francisco.

Architect—None. \$4000 each

DWELLING

(1348) NW CAYUGA 323 SW San Juan. One-story and basement frame dwlg

Owner—McCarthy Co., 46 Kearny St., San Francisco.
 Architect—None.
 Contractor—Jas. A. Arnott & Son, 633 Taraval St., San Francisco. \$3000

DWELLINGS

(1349) E PLYMOUTH 25 & 50 N Lakeview. Two one-story and basement frame dwellings.

Owner—McCarthy Co., 46 Kearny St., San Francisco.
 Architect—None.
 Contractor—Jas. A. Arnott & Son, 633 Taraval St., S. F. \$3000 each

DWELLING

(1350) E SEVENTEENTH AVE 125 S Ulloa. One-story and basement frame dwelling.

Owner—Hilda Rose, 2182 14th Ave., San Francisco.
 Architect—Donnel E. Jaekle, 395 Justin Drive, San Francisco.
 Contractor—Rose Bros., 2182 14th Ave., San Francisco. \$4000

DWELLING

(1351) E TWENTY-EIGHTH AVE 200 N Moraga. One-story and basement frame dwelling.

Owner—Chas. D. Seguire, 1280 20th Ave., San Francisco.
 Architect—T. A. Stubblefield, 2655 Lincoln Way, Long Beach. \$4000

DWELLING

(1352) E THIRTY-THIRD AVE 175 N Taraval. One-story and basement frame dwelling.

Owner—Ed. Staff, 2403 31st Ave., San Francisco.
 Designer—Jos. Scoma, 5331 Geary St., San Francisco. \$4000

REMODEL BLDG.

(1353) 56 12th St.; change front of stores alter and remodel building.
 Owner—R. L. Anderson, 68 16th St.
 Architect—None.
 Contractor—John H. Metz, 1520 Ellis St. \$2500

DWELLING

(1354) N TARAVAL 131 E 12th Ave.; 1-story and basement frame dwelling.

Owner—C. Anderson, 150 Granville Way.
 Architect—None. \$5000

ALTERATIONS

(1355) NE Pine and Montgomery; install new partitions in stock exchange.

Owner—Bank of Italy, care Builder.
 Architect—Miller and Plueger, 580 Market St.
 Contractor—Lindgren & Swinerton, 225 Bush St. \$20,000

RAISE BLDG.

(1356) 4118 21st St.; raise building and underpin same.

Owner—John F. Harney, 4118 21st St.
 Architect—None.
 Contractor—G. G. Unsworth, 1979 Eddy St. \$1,000

APT. BLDG.

(1357) W CASTRO 30 N 15th St.; 2-story and basement frame (3) apts.

Owner—Walter A. Vellguth, 29 Duboce.
 Architect—D. E. Jaekle, 395 Justin Dr.
 Contractor—Arvid Peterson, 1620 8th Ave. \$10,090

UNDERPIN

(1358) NO. 1035 MARKET. Underpin building.

Owner—Barrett & Hilp, 918 Harrison St., San Francisco.

FLATS

(1359) E MALLORCA 254 N Chestnut. Two-story and basement frame (2) flats.

Owner—Rolph W. E. Cook, 58 Mallorca Way, San Francisco.
 Architect—None.
 Contractor—P. Hansen, 2301 Green St., San Francisco. \$8000

DWELLING

(1360) S FELTON 87 W Oxford. One-story and basement frame dwelling.

Owner—F. Demulder, 1453 Felton St., San Francisco.
 Architect—None. \$3000

DWELLINGS

(1361) E MUNICH 100, 125, 150 and 175 N Russia Ave. Four one-story and basement frame dwellings.

Owner—Emil Peterson, 2733 Mission St., San Francisco.
 Architect—None. 4000 ea

DWELLING

(1362) E SANTA ANA 162 N Ocean Ave. One-story and basement frame dwelling.

Owner—Geo. W. Stanley, 467 Turk St., San Francisco.
 Architect—H. G. Stoner, 810 Ulloa St., San Francisco. \$5500

APARTMENTS

(1363) NW EDDY AND LAGUNA. Six-story concrete (30) apartments.

Owner—William Van Herrick, 1360 O'Farrell St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$70,000

BUILDING CONTRACTS

San Francisco County

212 Chiamparino	Lindgren	6300
213 Malucelli	Ehling	7000
214 Poli	Chiodo	5140
215 Wilson	Perry	5100
216 Vellguth	Peterson	12171
217 Tonna	Delucchi	4075
218 Phoenix	Wagner	94000
219 Phoenix	Kirsten	2497
220 Phoenix	Rodoni	1117
221 Phoenix	Forster	2108
222 Weinstein	Mohr	614
223 Ganz	Zelinsky	2200
224 Ganz	Atlas	865
225 Ganz	Davison	1505
226 Ganz	Rodoni	1846
227 United Stores	Home	12348
228 Cline	Coburn	

BUNGALOW

(212) NE TWENTIETH AND MISSISSIPPI N 25x E 100. All work for 5-room bungalow.

Owner—Giuseppe and Margherita M. Chiamparino.
 Architect—None.
 Contractor—Lindgren Bros., 64 Ramona St., San Francisco.
 Filed May 24, '28. Dated April 24, '28.

Roof on	\$1575
Brown coated	1575
Completed and accepted	1575
Usual 35 days	1575
TOTAL COST	\$6300

Bond, none. Limit, 120 days. Forfeit, Plans and specifications, none.

NOTE:—Permit reported April 26, 1928. No. 1057.

DWELLINGS

(213) SE GILMAN AND INGALLS Ave. All work for two frame buildings (dwellings).

Owner—A. Malucelli, 2340 Lane St., San Francisco.
 Architect—None.
 Contractor—Jacob Ehling, 1106 3rd Ave., San Mateo.
 Filed May 25, '28. Dated April 7, '28.

Foundation in	\$5000
Roof on	1500
Plastered	2050
Completed	1500
Usual 35 days	1500
TOTAL COST	\$7,000

Bond, none. Limit, 150 days after May 1, 1928. forfeit, plans and spec. none.

NOTE:—Permit reported April 11, 1928 No. 316.

BUNGALOW

(214) NW SAN JOSE AVE 75 SW Lakeview Ave 25x100. All work for one-story bungalow.

Owner—Gustavo Poli, 2608 San Jose Av., San Francisco.
 Architect—None.
 Contractor—Michele Chiodo, 135 Connecticut St., San Francisco.
 Filed May 26, '28. Dated May 26, '28.

Roof on	\$1285
Brown coated	1285
Completed and accepted	1285
Usual 35 days	1285
TOTAL COST	\$5140

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

PAINTING

(215) SE PACIFIC AVE AND WEBSTER St. S 30x E 95 WA 267. All work for painting seven-story basement and attic Class A building.

Owner—C. A. Meusdorffer and A. W. Wilson, Humboldt Bank Bldg., San Francisco.
 Architect—C. A. Meusdorffer, 802 Humboldt Bank Bldg., San Francisco.

Contractor—Robert I. Perry, 615 12th Ave., San Francisco.

Filed May 28, '28. Dated May 22, '28.
 Woodwork ready for 2nd coat of lacquer and all other work is second coated \$1912
 Completed and accepted 1913
 Usual 35 days 1275

TOTAL COST, \$5100
 Bond, \$2550. Surety, Massachusetts Bonding & Insurance Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

APARTMENTS

(216) W CASTRO 30 N Fifteenth. All work for two-story frame flat and apartment building.

Owner—Walter A. and Hazel Vellguth, 29 Duboce Ave., San Francisco.
 Architect—Donnell E. Jaekle, 395 Justin Drive, San Francisco.

Contractor—Arvid Peterson, 1620 Eighth Ave., San Francisco.
 Filed May 23, '28. Dated May 26, '28.
 2nd mortgage on property No. 1537 20th Ave. \$1894.09

Owner to mortgage property for \$8000 to be paid to contractor Balance due contractor to be paid in monthly installments of \$50 and secured by 2nd mortgage

TOTAL COST, \$12,171.00
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
 Permit applied for.

BUILDING

(217) S NEWCOMB AVE 150 W Newhall. All work for frame building.

Owner—Emanuele and Carrie Tonna, 1412 1/2 Galvez St., San Francisco.

Architect—None.
 Contractor—D. Delucchi and Son, 625 Brussels St., San Francisco.
 Filed May 28, '28. Dated May 25, '28.
 Owner to pay all bills for labor and materials when OK by contractor Usual 35 days. Balance

TOTAL COST, \$4075
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
 NOTE—Permit applied for. No. 1338.

CLASS A BLDG.

(218) N PINE 124.6 E MONTGOMERY E 35 N 65 W 22 N 32.6 W 13 S 97.6 Total not to exceed \$94,000, contr. to receive \$4476; all work for 6-story and basement class A building.

Owner—Phoenix Assurance Co., Ltd., by Bank of Italy Nat'l Trust & Savings Association.

Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.

Contractor—George Wagner, 181 South Park, San Francisco.

Filed May 23, 1928. Dated May 23, 1928.
 Contractor to receive on completion \$2000

35 days after \$2476
 Payments of 75% of work done and material furnished as work progresses.

35 days after 25%
 Bond, \$94,000; Sureties, Geo. Forreder & Jas. H. Pinkerton; Forfeit, \$25; Limit, 245 days; No plans and spec. filed.

ELECTRIC WORK ON ABOVE

(219) N PINE 124.6 E MONTGOMERY E 35 N 65 W 22 N 32.6 W 13 S 97.6 Electric work on above building.

Owner—Phoenix Assurance Co., Ltd., by Bank of Italy Nat'l Trust & Savings Association.

Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.

Contractor—Wm. H. Kirsten, 55 McAllister St., San Francisco.

Filed May 28, 1928. Dated April 14, 1928.
 Roughed in 25%
 Fixtures installed 25%
 Completed and accepted 25%
 35 days after 25%

TOTAL COST, \$2497
 Bond, Sureties, Forfeit, none; Limit, as fast as possible; plans and spec. filed.

HEATING & VENTILATING

(220) N PINE 124.6 E MONTGOMERY E 35 N 65 W 22 N 32.6 W 13 S 97.6 Heating and ventilating for above building.

Owner—Phoenix Assurance Co., Ltd., by Bank of Italy Nat'l Trust & Savings Association.

Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.

Contractor—Rodoni-Becker Co., 455 10th
Filed May 28, 1928. Dated April 14, 1928.
Roughed in.....25%
Fixtures installed.....25%
Completed and accepted.....25%
35 days after.....25%
TOTAL COST, \$1117

Bond, Sureties, Forfeit, none; Limit, 50 days; plans and spec. filed.

PLUMBING

(221) N PINE 124.6 E MONTGOMERY
E 35 N 65 W 22 N 32.6 W 13 S 97.6
Plumbing for above building.
Owner—Phoenix Assurance Co., Ltd., by
Bank of Italy Nat'l Trust & Savings
Association.
Architect—Bakewell & Weihe, 251 Kearny
St., San Francisco.
Contractor—William J. Forster Co., 355
4th St., San Francisco.
Filed May 28, 1928. Dated April 14, 1928.
Roughed in.....25%
Fixtures installed.....25%
Completed and accepted.....25%
35 days after.....25%
TOTAL COST, \$2108

Bond, \$2108; Sureties, Pacific Indemnity
Co.; Forfeit, none; Limit, 90 days; plans
and spec. filed.

PAINTING

(222) S MARKET 275 W 6th W 25 x S
90; painting for 2-story and basement
class C store and loft building.
Owner—Isidor Weinstein Inv. Co.
Architect—Hyman & Appeton, 68 Post
Street, San Francisco.
Contractor—J. A. Mohr & Son, Inc., 433
11th St., San Francisco.
Filed May 28, 1928. Dated April 14, 1928.
Completed and accepted.....75%
35 days after.....25%
TOTAL COST, \$614

Bond, Sureties, Forfeit, none; Limit, 30 days; plans and spec. filed.

RESIDENCE

(223) NW WASHINGTON & CHERRY;
painting for residence.
Owner—Frederick M. Ganz, 505 3rd St.,
San Francisco.
Architect—Samuel L. Hyman, and A. Ap-
pleton, 68 Post St., San Francisco.
Contractor—D. Zelinsky & Sons, 165
Grove St., San Francisco.
Filed May 28, 1928. Dated May 16, 1928.
Priming completed.....\$862.50
Completed and accepted.....862.50
35 days after.....575
TOTAL COST, \$2300

Bond, Sureties, Forfeit, none; Limit, as
soon as possible; plans and spec. filed.

ELECTRIC WORK ON ABOVE

(224) NW WASHINGTON & CHERRY;
electric work on above residence.
Owner—Frederick M. Ganz, 505 3rd St.,
San Francisco.
Architect—Samuel L. Hyman, and A. Ap-
pleton, 68 Post St., San Francisco.
Contractor—Atlas Electric Co., 343 4th
St., San Francisco.
Filed May 28, 1928. Dated May 16, 1928.
Payments on first of each month.....75%
35 days after.....25%
TOTAL COST, \$865

Bond, Sureties, Forfeit, none; Limit, Sep-
tember 1, 1928; plans and spec. filed.

HEATING FOR ABOVE

(225) NW WASHINGTON & CHERRY;
heating for above residence.
Owner—Frederick M. Ganz, 505 3rd St.,
San Francisco.
Architect—Samuel L. Hyman, and A. Ap-
pleton, 68 Post St., San Francisco.
Contractor—Lowell Davison, 1670 San
Jose, San Francisco.
Filed May 28, 1928. Dated May 16, 1928.
Ducts and furnace in place.....\$564.75
Completed and accepted.....564
35 days after.....376.25
TOTAL COST, \$1505

Bond, Sureties, Forfeit, none; Limit, as
soon as possible; plans and spec. filed.

PLUMBING FOR ABOVE

(226) NW WASHINGTON & CHERRY;
plumbing for above residence.
Owner—Frederick M. Ganz, 505 3rd St.,
San Francisco.
Architect—Samuel L. Hyman, and A. Ap-
pleton, 68 Post St., San Francisco.
Contractor—Rodoni-Becker Co., 455 10th
Filed May 28, 1928. Dated May 16, 1928.
Roughing in completed.....25%
Completed and accepted.....50%
35 days after.....25%
TOTAL COST, \$1846.50

Bond, \$923.25 in favor owner, \$922.25 in

favor M. M.; Sureties, Maryland Casualty
Co.; Forfeit, none; Limit, 60 days; plans
and spec. filed.

ALTERATIONS

(227) SW SUTTER AND FILLMORE.
All work for alterations and new
fixtures in building.
Owner—United Stores Realty Corp., 143
Powell St., San Francisco.
Architect—Bertz, Winter & Maury, 210
Post St., San Francisco.
Filed May 29, '28. Dated May 24, '28.
On the 5th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$12,348

Bond, \$6174. Surety, The Fidelity &
Casualty Co. of New York. Limit, 30
days. Forfeit, \$15. Plans and specifica-
tions filed.

ALTER. & ADDITIONS

(228) 2730 BRODERICK ST.; alterations
and additions for two-story frame
building.
Owner—Allen Cline.
Architect—C. E. Gottschalk & Martin J.
Rist, 760 Market St., San Francisco.
Contractor—Ira Coburn, Hearst Bldg.,
San Francisco.
Filed May 29, 1928. Dated May 26, 1928.
Payments as work progresses.....75%
Usual 35 days.....25%
Bond, Sureties, Forfeit, none; Limit, 45
days; Plans and Spec. filed.
Total cost not to exceed \$4593. Contr.
to receive 10% of cost.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
May 23, 1928—S SUTTER 112-6 m or l
E Leavenworth 25x137-6. H. Dubnoff
to whom it may concern.....May 22, 1928

Correction in Name

May 24, 1928—S BERNARD 221 E
Jones 23 x 60. Teresa and Antonio
Jones 23 x 60. Terisa and Antonio
Domeniconi and Daisy Malfanti to
DeLuca and Sons.....May 21, 1928
May 24, 1928—NE FARRAGUT AVE. &
SE Huron SE 26 x NE 106-8. Frances
Distefano to whom it may concern.
May 19, 1928
May 23, 1928—W 23rd AVE. 125 S VI-
CENTE. Adolph Anderson to whom
it may concern.....May 21, 1928
May 24, 1928—LOT 8 BLK 6802 Map
Castle Manor. Castle Bldg. Co. fmlly
Gensler, Lee Inv. Corp. to Henry
Horn.....May 22, 1928
May 23, 1928—N FARALONES 150 W
Plymouth 50x125. Jas. P. Fletcher
to whom it may concern.....May 23, 1928
May 24, 1928—E PUTMAN 25 N JAR-
BOE N 25 x E 70 Lot 1104 Gift Map 2.
Olimpia Brigliadori to whom it may
concern.....May 24, 1928
May 24, 1928—N SUTTER 167-3 W Oc-
tavia W alg Sutter 47-3 N 137-6 E
39-6 N 137-6 to S Bush E 10 S 137-6
W 2-3 S 137-6 ptn WA 199. O. B.
Hergatz to whom it may concern.
May 24, 1928

May 23, 1928—N PARNASSUS Ave. 130.
3 1/2 W Cole W 50 x N 137-6. Harry
C. and J. Joseph O'Brien (as O'Brien
Bros) to whom it may concern.....
Dec. 1, 1927

May 23, 1928—LOTS 31 and 32 BLK 8
Addns. to Castro St. Addn. and Glen
Park Terrace. A. L. and Elsie Jones
to M. C. Ingraham.....May 10, 1928

May 23, 1928—E MISSION 95 N 20th
N 165 x E 245 to pt on W Capp.
Richard J. H. Forbes to whom it may
concern.....May 13, 1928

May 23, 1928—W 24th AVE. 175 N UL-
LOA N 25 x W 120. Genevieve C.
Tessien, as admnx. estate Marie G.
Tessien, dec'd., to Charles Coburn.....
May 18, 1928

May 23, 1928—W 42nd AVE. 75 N CA-
BRILLO 25x82-6. Corrine Frye to J.
A. Frye.....May 20, 1928

May 23, 1928—N INGERSON. Ernest
Icardi to whom it may concern.....
May 22, 1928

May 23, 1928—COMG AT PT 100 S
Stanley Ave. and dist W 125 from W
Foerster W 25 S 79-3 1/4 to N Judson
Ave E 25 m or l N 79-25 1/4 m or l to
beg. ptn blk 14 Sunnyside. Adolph
Evenson to Fred Dixon.....May 22, 1928

May 22, 1928—S VENTURA AVE.
comg at pt 90 W from Castaneda Ave.
S. R. Anderson to whom it may con-
cern.....May 21, 1928

May 25, 1928—E 12th AVE. 200 N Cali-
fornia N 25 x E 120. Charles A. Stev-
ens to whom it may concern.....
May 25, 1928

May 25, 1928—NE MOSS 150 SE How-
ard SE 25 NE 75. Wm. D. Cashel
to whom it may concern.....May 25, 1928
May 25, 1928—N SILVER AVE 40 W
Bowdoin 25x85. H. Resnick to whom
it may concern.....April 22, 1928
May 25, 1928—W BRODERICK 50 S
North Point S 25 x W 93-9. Niels
Schultz to Schultz Construction Co.....
May 10, 1928

May 25, 1928—W 25th AVE. 25 N MOR-
AGA N 25 x W 95. B. H. Morris to
whom it may concern.....May 16, 1928

May 24, 1928—N VALLEJO 95 W WEB-
STER N 137-6 x W 30. Mary C. Ma-
hony to Rodoni-Becker Co.....
May 16, 1928

May 25, 1928—E 17th AVE. 100 S UL-
LOA S 25 on E line x E 120. Victor
Rose to whom it may concern.....
May 24, 1928

May 26, 1928—LOT 36 BLK H Sub.
Columbia Heights Tract. Jack
Buckley to whom it may concern.....
May 26, 1928

May 26, 1928—NW LONDON 125 NE
Italy. Lindsay Constr Co to whom
it may concern.....May 25, 1928

May 26, 1928—W LONDON 100 NE
Italy. Lindsay Constr Co to whom
it may concern.....May 25, 1928

May 26, 1928—E MARKET 36-6 S
Romain. Lindsay Constr Co to whom
it may concern.....May 25, 1928

May 26, 1928—N MCKINNON AVE 75
W Lane. 25x100. David Sherry to
whom it may concern.....May 18, 1928

May 26, 1928—NW PRAGUE 375 SW
Russia Ave SW 25xNW 100 Ptn Lot
5 Blk 92, Excelsior Hd. Assn. Robert
R Hill to whom it may concern.....
May 24, 1928

May 26, 1928—W SIXTEENTH AVE
33-6 N Ulloa 36-6x100. C M Brown
& Son to whom it may concern.....
May 25, 1928

May 26, 1928—E TWENTY-FIRST AVE
225 N Moraga N 25x E 120. Herman
Christensen to whom it may con-
cern.....May 25, 1928

May 26, 1928—SW VAN NESS AVE &
Clay th rung 72 alg Van Ness Ave
th at r a W 117-4 1/2 W 72 E 117-4 1/2
to beg. Van Clay Builders Inc to
whom it may concern.....May 28, 1928

May 28, 1928—E 18th AVE. 175 RI-
VERA N 25 x E 120. Nonie R. Sod-
erberg to whom it may concern.....
May 25, 1928

May 25, 1928—LOT 35 BLK B Map Sub.
Blk 19 West End Map No. 2. Joseph
Comando to Andrew Berwick.....
May 24, 1928

May 25, 1928—W 18th AVE. 225 N
MORAGA 25x120. Matthew M. Bod-
den to Axel R. Larson.....May 22, 1928

May 28, 1928—E 25th AVE. 25S UL-
LOA S 25 x E 120. C. J. Bennett
to whom it may concern.....
May 28, 1928

May 28, 1928—W DETROIT 25 N
Flood Ave. 25x75. A. A. Wesen-
dunk Jr. and Julia Wesendunk.....
May 23, 1928

May 28, 1928—LOT 6 BLK 2960 Map
Sub. No. 4 Miraloma Park. Meyer
Bros. to whom it may concern.....
May 28, 1928

May 28, 1928—NE POPE 200 SE
Brunswick SE 25 x NE 120. Victor
Holmgren to whom it may concern.....
May 28, 1928

May 28, 1928—SW VINCENTE & 24th
Ave. S 25 x W 90. Thomas E. Moh-
ler to whom it may concern.....
May 28, 1928

May 28, 1928—NW MADRID 70 NE
Amazon NE 25 x NW 100. Arthur
Williams to whom it may concern.....
May 28, 1928

May 28, 1928—SE PACIFIC AVE. and
Webster S 30 x E 95. A. W. Wilson
and C. A. Meussorfer to Central Iron
Works.....Feb. 20, 1928

LIENS FILED

San Francisco County

Recorded Amount
May 24, 1928—S PINE 92 E STOCK-
TON E alg S Pine 45-6 S 80 W 10
N 2-6 W 25-6 N 77-6 ptn VB 117.
Badt Falk & Co. vs E. V. Lacey.....\$7,758.32

May 24, 1928—SW SILVER AVE and
Naples S alg W Naples 133-10 W 100
S 50 W 100 m or l to E Edinburgh
alg E Edinburgh 49 m or l to S Sil-
ver Ave E alg S Silver Ave to pt beg.
Lots 1, 23, 23a Assessor's Map 5949.
H. V. Tucker Co. vs Louis R. and

Brigit Anderson, Angelo and Carmelia Corbett and John C. Auer, 1923.
May 24, 1923—S GEARY 120 W Larkin
IN W 40 by S 120 ptn WA 10. Badt-
Falk & Co. vs E. V. Lacey and M.
E. Vukicevich (as Lacey & Vukicevich)
and Title Ins. & Guar. Co. \$9,018.73

May 23, 1923—NE BROADWAY and
Gough N alg E Gough 111 E 52.6 S
111 to N Broadway W alg N Broad-
way 52.6 to E Gough a c being ptn WA 119. Robert Starrett
vs F. R. Siegrist Co., Inc., and Joanna
M. Driscoll, Jacob, Herman, Harriet
D., and H. M. Herbst. \$790.60

May 24, 1923—N FILBERT 185 E VAN
NESS AVE N 148 W 58 S 10-6 E 0-6
S 27-3 W 27-6 S 100-3 to N Filbert
E 85 to beg. Walworth California Co.
vs E. V. and Veronica E. Lacey and
Lacy Inv. Co. \$13,837.85

May 25, 1923—S GREENWICH 105-3/4
E Lyon S 25 x 137-6. The Lederer
Title Co. vs J. Borgens and A. L. Reh-
feld. \$205

May 25, 1923—SW DIVISADERO and
Beach S 50 x W 87-6 Lot 1 Blk 919.
T. H. Frederickesen vs R. J. and Edna
A. Stempel and Bessie Cooley (as
Stempel and Cooley). \$630.50

May 25, 1923—NW TARAVAL and 29th
Ave W 32-6 x N 100. Thomas and
James McKee vs H. J. Rock. \$300

May 25, 1923—NW TARAVAL and 29th
Ave W 32-6 x N 100. Great Western
Supply Co., \$898.88; Steam and
Plumbing Service Corp., \$703.64, vs
Harry J. Rock and George Wara.

May 25, 1923—W LINE LOT 53 Haley's
Map 1, Precita Valley dist. thereon
15 S from int. W line lot 53 with N
line St Lot 52 E 65 m or 1 N 40 m or
1 W 95 m or 1 S 50 m or 1 E 35 m or
1 N 10 Lots 52 and 53 and ptn Lots
42 and 43 Haley's Map PN Lands No
1751, San Bruno Ave. W. B. Jeffers-
on (as The Greater City Lumber
Co.) vs Krieg Tanning Co., T. Mar-
iani (as agt. Sealy Mattress Co.). \$274.55

May 25, 1923—NE McALLISTER and
Masonic E 31-3 x N 100 Lot 19 Blk
1160. S Burford Chasten vs R. A. and
Mary F. Crothers and Paul A. Morel.
\$505.43

May 26, 1923—SW DIVISADERO and
Beach 50x93. Calif. Concrete Co. vs
J. R. Stempel. \$622

May 26, 1923—S JACKSON 102-6 E
Hyde. Calif. Concrete Co. vs Edna
B. Stempel. \$515

May 26, 1923—N FILBERT dist. E 185
from int. N Filbert with E Van Ness
Ave N 148 W 58 S 10-6 E 0-6 S 27-3
W 37-6 S 100-3 to N Filbert E alg N
Filbert to pt of beg. Michel and
Pfeffer Iron Works vs E. V. and
Veronica E. Lacey (as Lacey Inv.
Co.). \$2,420

May 26, 1923—N MALLORCA and Al-
hambra Way NW 50.194 NE 100 SE
61.405 SW 100.626. T. H. Frederick-
son vs R. J. and Edna A. Stempel,
Bessie Cooley, Stempel & Cooley. \$680.50

May 26, 1923—SE RIVOLI & STAN-
YAN 25x100. Calif. Concrete Co. vs
J. Raymond. \$185

May 26, 1923—E RUSSIA AVE & EL-
INBURGH NE 50 x SW 100. Ptn Blk
45 Excelsior Hd. Assn. George John-
son (as Johnson Elec. Co.) vs Thos.
M. Foley. \$595

May 26, 1923—E 30th AVE 200 N
ham N 50 x E 120 Lots 31, 32, Blk
1824. G. Mazzera vs T. Jacobsen and
A. Plagge. \$75.95

May 26, 1923—NE MALLORCA WAY
and Alhambra 52-6x93. Calif. Conc.
Co. vs J. R. Stempel. \$690

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
May 25, 1923—E PENNSYLVANIA 60 N 22nd N 100 SE 104-4 m or 1 S 73-6 W 100. Frank Sasso to Mariano and Bonifacia Estebez	
May 24, 1923—S ANZA 95 E 29th AVE E 30 x S 100. Alvin Hilding, Thos. and Jas. McKee, M. J. Schwartz and Co., Louis Pimbo and Louis Woloski to W. C. McGeorge, J. H. Brown, Willard Whitelock, Herbert Berdell, J. K. Caley	
May 24, 1923—N CHESTNUT 137-6 W	

Broderick W 27-6 x N 137-6. J. E.
O'Mara & W. D. Stewart, North End
Alg. Co., Mangrum & Otter, Inc.,
Dodge Riedy, Collman Elec. & M.
Co., C. Sieverts, Frank J. Remy, A.
J. Ruhlman & Co., Higgins and
Kraus to Camille and Henry Nard.
May 22, 1923—LOT 25 BLK 2 FOREST
HILL TRACT. H. E. Ramm, Pope &
Talbot to George E. and Genevieve
Steninger and Marlon Barker.

May 22, 1923—SW BAY & SCOTT W
92-9 x S 50. Meda Art Tile Co to Mc-
Cormick Realty Co.

May 28, 1923—NW ELSIE 200 NE EU-
GENIA AVE. NE 25 x NW 70. Great-
er City Lbr. Co. to Sargo Cava. \$56.10

May 28, 1923—E MALLORCA WAY and
Alhambra N 55° 50' 14" W 50.194 N
34° 9' 46" E 100 S 55° 50' 14" E 61.406
SW 100.636. Sudden Lbr. Co. to Bes-
sie Cooley

May 26, 1923—NW CLEMENT AND
Thirty-first Ave W 32-6xN 100.
Thomas Day Co to E R and Helen
Belmont

BUILDING PERMIT
APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
1193	Hinch	Williamson	2500
1194	Standard	Owner	1000
1195	Haler	Owner	26500
1196	Warner	Haskell	22680
1197	Esola	Camponosi	5950
1198	First Church	Bryant	15000
1199	Netherby	Owner	4000
1200	Orton	Owner	4000
1201	Stockman	Wallstrom	1150
1202	S. P. Co.	Dinnie	2000
1201	Hayes	Schulz	5000
1202	Bredehoft	Owner	3500
1203	Hughes	Owner	3000
1204	Hanson	Owner	9450
1205	New Hope	Wildy	10000
1206	Winder	Thornton	5500
1207	Hartsbook	Duvall	1000
1208	Ackroyd	Owner	3650
1209	Conley	Peters	5350
1210	Montoux	Olson	2000
1211	Justice	Owner	4000
1212	Stomogyi	Burks	8000
1213	Traver	Owner	4000
1214	Wells	Owner	1000
1215	Davis	Yerrick	9750
1216	Felt	Owner	20600
1217	Martin	Pickrell	5000
1218	Nystrom	Owner	3500
1219	Smith	Owner	4000
1220	Bru	Owner	1000
1221	Grove	Rankin	2000
1222	Allen	Owner	3200
1223	Bernadou	Owner	2200
1224	Dolan	Owner	4200
1225	Gerlo	Peters	1000
1226	Glantz	Owner	4700
1227	Grovanette	Kleissner	3200
1228	Johanson	Owner	4000
1229	Johanson	Owner	3150
1230	Secombe	Owner	7400

RESIDENCE

(1193) 1829 DWIGHT WAY, Berkeley;
1-story 5-room 1-family residence.
Owner—J. T. Hinch, 461 Lee St., Oak-
land.

Architect—E. M. Williamson, 3761 Allen-
dale Ave., Oakland. \$3500

SERVICE STATION

(1194) 2898 BANCROFT WAY, Berke-
ley; gasoline service station.
Owner—Standard Oil Co., 1916 Broadway
Oakland.

Architect—None. \$10

APARTMENTS

(1195) 1765 OXFORD ST., Berkeley; 3-
story frame and stucco apts. (33-
rooms) and garage.
Owner—H. W. Haler, 684 12th St., Oak-
land.

Architect—Owner. \$26,500

RESIDENCE & GARAGE

(1196) 117 SOUTH HAMPTON ROAD;
2-story frame 10-room residence and
garage.

Owner—Mrs. Ethel V. Warner, Liver-
more.
Architect—Williams & Wastell, 374 17th
St., Oakland.
Contractor—Albert A. Haskell, 255 Ridge-
way Oakland. \$22,680

DWELLING

(1197) 5329 MILES AVE., Oakland; 1-
story 6-room dwelling.

Owner—B. Esola, 5229 Miles Ave., Oak-
land.

Architect—None.
Contractor—E. C. Camponosi 6401 Broad-
way, Oakland. \$5950

CHURCH BLDG.

(1198) SW COR. 29th & FAIRMOUNT
Avenue, Oakland; 3-story 40-room
church.

Owner—First Christian Church, 29th and
Fairmount Ave., Oakland.

Architect—None.

Contractor—J. A. Bryant, 185 Steven-
son St., San Francisco. \$150,000

DWELLING

(1199) N BROADWAY TERRACE, 300
E Buena Vista, Oakland; 1-story 5-
room dwelling.

Owner—W. A. Netherby, 3879 Fruitvale
Ave., Oakland.

Architect—None. \$4,000

DWELLING

(1200) SE COR. 74th AVE. & HOLLY;
Oakland; 1-story 5-room dwelling.

Owner—A. E. Orton Master Builders, 5748
E 14th St., Oakland.

Architect—None. \$4,000

DWELLING

(1201) S LINDBERGH DR. 350 E MT.
GATE WAY, Oakland; 2-story 9-
room dwelling.

Owner—Harry G. Stockman, Realty Syn-
dicate Co., Oakland.

Architect—H. Murdock, Syndicate Bldg.,
Oakland.

Contractor—P. T. Wallstrom, 2300 Ashby
Ave., Berkeley. \$11,500

STORAGE VAULT

(1202) N 1st ST., 150 E WEBSTER,
Oakland; storage vault.

Owner—Southern Pacific Co., 137 13th St.,
Oakland.

Architect—None.

Contractor—Dinnie Const. Co., 874 30th
St., Oakland. \$2,000

RESIDENCE

(1201) 117 TAMALPAIS ROAD, Berke-
ley; 2-story 6-room 1-family resi-
dence.

Owner—K. Hayes, 155 Parkside Drive,
Berkeley.

Architect—None.

Contractor—H. K. Schulz, 811 Mendoc-
cino Ave., Berkeley. \$5,000

RESIDENCE & GARAGE

(1202) 1386 HOPKINS COURT, Berke-
ley; 1-story 5-room 1-family resi-
dence and garage.

Owner—Bredehoft & Dull, 1328 Carlotta
St., Berkeley.

Architect—None. \$3500

RESIDENCE

(1203) 1661 SHORT ST., Berkeley; 1-
story 5-room 1-family residence.

Owner—Hughes & Beach, 902-6 Wash-
ington St., Oakland.

Architect—None. \$3000

CHURCH

(1205) S 37th St., 100 W MARKET ST.,
Oakland; 1-story church.

Owner—New Hope Baptist Church, 829
33rd St., Oakland.

Architect—None.

Contractor—S. J. Wildy, 2769 Acton St.,
Berkeley. \$10,000

DWELLING

(1206) S ARROWHEAD DR., 640 W
West Port Dr., Oakland; 1-story 5-
room dwelling.

Owner—A. H. Winder, 319 Richfield Oil
Bldg., Oakland.

Architect—None.

Contractor—O. W. Thornton, 319 Rich-
field Oil Bldg., Oakland. \$5500

ALTERATIONS

(1207) 1928 FRANKLIN ST., Oakland;
alterations.

Owner—Hartsbook, Inc., 149 Powell St.,
San Francisco.

Architect—None.

Contractor—Edwin A. Duvall, Dalziel
Bldg., Oakland. \$1,000

(1208) NE COR. 60th AVE & BRANN
St., Oakland; 1½-story 5-room dwell-
ing.

Owner—H. J. Ackroyd, 6012 Brann St.,
Oakland.

Architect—None. \$3650

(Correction in Initials)

RESIDENCE & GARAGE

(1204) 1429 EUCLID AVE., Berkeley; 2-
story frame 8-room residence and ga-
rage.

Owner—H. A. Hanson, 1749 Grove St.,
Berkeley.
Architect—None. \$9450

RESIDENCE
(1209) NO. 957 HILLDALE AVE., Berkeley. Two-story 5-room 1-family residence and garage.
Owner—J. H. Conley, 2393 Virginia St., Berkeley.
Architect—H. E. Goodpaster, 4105 Montgomery St., Oakland.
Contractor—Jones & Peters, 916 Eric St., Oakland. \$5350

ADDITION
NO. 606 FORTIETH ST., Oakland. Addition.
Owner—Mrs. Anna Montoux, Premises.
Architect—None.
Contractor—A. P. Olson, 1437 36th Ave., Oakland. \$2000

(1211) NO. 921 BROADWAY, Alameda. One-story 5-room stucco finish dwelling.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
Architect—None. \$4000

RESIDENCE
(1212) NO. 3357-59 GROVE, Berkeley. 1-story 8-room 2-family residence.
Owner—Les Somogyi, Oakland.
Architect—A. N. Ehrenffut, Oakland.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. \$8000

DWELLING
(1213) NO. 1809 VERSAILLES AVE., Alameda. One-story 5-room cement plaster finish dwelling.
Owner—C. L. Traver, 2315 Santa Clara Ave., Alameda.
Architect—None. \$4000

ADDITION
(1214) NO. 2415 CLEMENT AVE., Alameda. Add to warehouse.
Owner—O. R. Wells, 2335 Santa Clara Ave., Alameda.
Architect—None. \$1000

DWELLING & GARAGE
(1215) E EUCLID AVE. 80 S ADAMS, Oakland; 1-story 8-room dwelling & 1-story garage.
Owner—Jacob Davis, 102 Hamilton Pl., Oakland.
Architect—None.
Contractor—A. Yerrick, 255 College Ave., Oakland. \$9750

APT. BLDG.
(1216) 2030 DWIGHT WAY, Berkeley; 3-story 27-room 12-family apartment (stucco finish).
Owner—Felt Bros., 1728 Channing Way, Berkeley.
Architect—Frances W. Reid, 1630 Jefferson St., Berkeley. \$20,000

DWELLING & GARAGE
(1217) 1111-13 82nd AVE., Oakland; 2-1-story 5-room dwellings and 1-story garages.
Owner—E. D. Martin, 1113 82nd Ave., Oakland.
Architect—None.
Contractor—J. H. Pickrell, 332 Santa Clara Ave., Oakland. \$3000 each

DWELLING & GARAGE
(1218) 3220 CHEFFIELD ST., Oakland; 1-story 5-room dwelling and 1-story garage.
Owner—F. Nystrom, 280 Cherrywood Ave., S. L.
Architect—None. \$3500

DWELLING
(1219) 1921 108th Ave., Oakland; 1-story 6-room dwelling.
Owner—Byrd O. Smith, 2295 17th St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(1220) NO. 2800 FULTON ST., Berkeley Alterations.
Owner—H. Bru.
Architect—C. N. Bastrom, 4536 Walnut St., Berkeley. \$1000

ALTERATIONS
(1221) NO. 90 PLAZA DRIVE, Berkeley. Alterations.
Owner—E. T. Grove.
Architect—None.
Contractor—J. L. Rankin, 6082 Claremont Ave., Oakland. \$2000

DWELLING & GARAGE.
(1222) 1700 104 AVE., Oakland; 1-story 5-room dwelling and 1-story garage.
Owner—H. F. Allen, 33 Maryland Ave., Berkeley.
Architect—None. \$3200

ALTER. & ADDITION
(1223) 6308 SAN PABLO AVE., Oakland; alteration and addition.
Owner—J. Bernadou, 5553 Marshall St.
Architect—None. \$2200

DWELLING & GARAGE.
(1224) 930 UNDERHILLS ROAD, Oakland; 1-story 6-room dwelling and 1-story garage.
Owner—Leo J. Dolan, 1404 Franklin St.
Architect—None. \$4200

ALTERATIONS
(1225) 4432 TELEGRAPH AVE., Oakland; alterations.
Owner—Gerlo Bros., no address.
Architect—None.
Contractor—Fred W. Peters, 1424 Cavanaugh Road. \$1000

DWELLING & GARAGE.
(1226) 4296 ATLAS AVE., Oakland; 1-story 6-room dwelling and 1-story garage.
Owner—Alfred A. Glantz, 1301 Fruitvale Ave., Oakland.
Architect—None. \$4700

DWELLING
(1227) S 67th AVE. 50 W FLORA AVE. Oakland; 1-story 5-room dwelling.
Owner—L. Grovanette, no address.
Architect—None.
Contractor—J. J. Kleissasser, 2263 80th Ave., Oakland. \$3200

DWELLING
(1228) 2856 76th AVE., Oakland; 1-story 5-room dwelling.
Owner—K. A. Johanson, 2429 13th Ave.
Architect—None. \$4000

DWELLING & GARAGE.
(1229) 7609 NEY AVE., Oakland; 1-story 4-room dwelling and 1-story garage.
Owner—K. A. Johanson, 2429 13th Ave.
Architect—None. \$2150

DWELLINGS & GARAGES
(1230) W PERALTA AVE. 39-75 S CARMEL AVE., Oakland; two 1-story 5-room dwellings and garages.
Owner—A. H. Seccombe, 2117 Curtis St.
Architect—None. \$3700 each

BUILDING CONTRACTS

Alameda County

152 Oakland	Siegrist	52077
157 Independent	Edwards	975
158 Smogyi	Burks	8418

WAREHOUSE
2) S FOURTH ST. 75 E Harrison St., Oakland. All work for three-story reinforced concrete Class B warehouse building.
Owner—Oakland Wholesale Grocery Co. of California, Fourth and Harrison Sts., Oakland.
Architect—Norman B. Green, 506 Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist Co., 693 Mission St., San Francisco.
Filed May 26, '28. Dated May 21, '28.
Labor and materials installed monthly payments of..... 75%
Usual 35 days..... Balance
TOTAL COST, \$52,077
Bond, \$26,100. Sureties, Adam Arras and Frank M. Phillips. Limit, 80 days.
Forfeit, none.
NOTE—Permit repeated May 21, 1928, No. 1165.

INSTALL REFRIG. MACHINE
(157) 630 29th ST., Oakland; installation of refrigerating machine.
Owner—Independent Ice Co., 630 29th Ave., Oakland.
Architect—None.
Contractor—Edwards Ice Machine & Supply Co., Seattle, Wash.
Filed May 28, 1928. Dated May 15, 1928.
On signing contract.....\$200.00
30 days after installation..... 193.75
60 days after acceptance..... 193.75
90 days after acceptance..... 193.75
125 days after date of invoice..... 193.75
TOTAL COST, \$975.00
No Bond, Sureties, Forfeit or Limit. Spec. filed but no plans filed.

APT. BLDG.
(158) EAST LINE GROVE ST. 45 ft. S of 62nd St., Oakland; general construction except electric wiring and fixtures, wall paper, wall beds and shades for two-story apt. bldg.

Owner—Leo Smogyi, Berkeley.
Architect—Arthur T. Ehrenpfort, 24 California St., San Francisco.
Contractor—Chas. E. Burks, 4129 Randolph, Oakland.
Filed May 28, 1928. Dated May 24, 1928.
When frame is up.....\$2000
When brown coated..... 2100
On completion..... 2118
36th day after acceptance..... 2200
TOTAL COST, \$8418
No Bond or Sureties; Forfeit \$5 per day; Limit, 70 days; Plans and Spec. filed.

COMPLETION NOTICES

Alameda County

Recorded Accepted
May 24, 1928—LOTS 6, 7 and 8 BLK 17, Electric Loop Tract, Oakland. The Oakland Bank to whom it may concern.....May 19, 1923

May 24, 1928—LOT 6 and PTN LOT 5, Blk 7, Mathews Tract, Berkeley. Joseph Chiantaretto to A. E. Correia.....May 19, 1928

May 24, 1928—NE½ LOT 28 BLK 2, North Cragmont, Berkeley. H. G. Drown to whom it may concern.....May 22, 1928

May 24, 1928—1714 EAST 22nd St., Oakland. Philip Duval to P. Duval.....May 24, 1923

May 23, 1928—LOT 137, Fernside Tract, Alameda. S. C. Walker to whom it may concern.....May 20, 1928

May 23, 1928—LOT 35, Bellevue Gardens Subdiv., San Leandro. Louise Hazen to whom it may concern.....May 15, 1928

May 23, 1928—LOT 7 & PTN LOT 6 Blk A, Allendale Annex, Oakland. Bertha Schmidt Spalty to Jas. Allen.....May 15, 1928

May 23, 1928—LOTS 5, 7, 9 and 11 BLK 24, Fitchburg Homestead Lots, etc., Oakland. Anna Marie S. Manig to Max E. Manig.....May 23, 1928
May 23, 1928—LOTS 48 and 49 BLK 15, Regents Park No. 8, Albany. F. E. Sherwood to whom it may concern.....May 22, 1928

May 25, 1928—NO. 417 TAYLOR AVE., Alameda. Frank Perkins to I A Farringer.....May 22, 1928

May 26, 1928—NO. 3744 FOOTHILL Blvd., Oakland. Emily Sedlock to Drew Caminetti.....May 19, 1928

May 26, 1928—SE NINETEENTH AND Webster, Oakland. Irene Blauquie Raoul; H Blauquie and Georgette Samps to Clinton Constr Co.....May 10, 1928

May 26, 1928—NO. 3451 PIEDMONT Ave. Oakland. Augusta Corum to C L Wold Co.....May 25, 1928

May 25, 1928—3551 69th AVE., Oakland. Mark Page to whom it may concern.....May 23, 1928

May 25, 1928—LOT 56 BLK 4, Regent's Park No. 4. Gaetana D. Gaeta to Mrs. Gaetana D. Gaeta.....May 25, 1928

May 25, 1928—NW 28th and ADELIN STS., Oakland. Geo. W. Caswell Co. to Heath & Wendt.....May 11, 1928

May 25, 1928—LOTS 25 and 26 BLK 7 Man No. 7 of Regents Park, Albany. C. H. Gish to whom it may concern.....May 24, 1928

May 28, 1928—3832 38th AVE., Oakland. C. A. Nance to C. A. Nance.....May 28, 1928

May 28, 1928—7606 Hillside, Oakland. Chas. M. Ferris to whom it may concern.....May 28, 1928

May 28, 1928—3266 MONTANA ST., Oakland. John Fleming to Fleming Brothers.....May 28, 1928

May 28, 1928—75 HAZEL AVE., Piedmont. Joseph A. M. Cianciarulo to Beckett and Wight.....May 28, 1928

May 28, 1928—E LINE BROADWAY 100 ft. S of Ray Island Ave., Alameda. Noble F. Justice to whom it may concern.....May 26, 1928

May 28, 1928—LOT 123 BLK H, Fernside, Alameda. Chas. H. Kinney to whom it may concern.....May 26, 1928

May 28, 1928—1729 28th AVE., Oakland. M. O'Donnell to Martin Allan.....May 28, 1928

May 28, 1928—2855 62nd AVE., Oakland. H. D. Johnson to whom it may concern.....May 19, 1928

May 29, 1928—LOT 154, Berkeley View Terrace, Berkeley. Louise E. Canning to Oliver W. Thornton.....May 29, 1928

May 29, 1928—LOT 1331, FORESTLAND, Oakland. Wickham Havens Inc. to Oliver W. Thornton.....May 29, 1928

LIENS FILED

Alameda County

Recorded	Amount
May 24, 1928—LOT 12 BLK J, Maxwell Park, Oakland. H. T. Dawson vs Ray Hawley.....	\$10
May 24, 1928—LOT 12 BLK J, Maxwell Park, Oakland. R. R. Dawson vs Ray Hawley and H. T. Dawson.....	\$45
May 24, 1928—5463 CLAREMONT Ave., Oakland. Bowman Hardware Co. vs Lucy May Bendle and J. E. Carlstrom.....	\$104.00
May 24, 1928—LOT 261, Unit C, Oak Knoll, Alameda Co. M. A. Lopes (Central Building Material Co.) vs E. M. Bergsten.....	\$12
May 24, 1928—PTN OAK KNOLL lying E of Mountain Oak Blvd. and N of Calafia Ave., Oakland. M. A. Lopes (Central Bldg. Material Co.) vs E. M. Bergsten and Helen A. Bergsten.....	\$86.30
May 24, 1928—3305 E 14th ST., Oakland. B. W. Harmon and G. E. Lauer vs A. H. and Augusta Browning and Gus Chrisher.....	\$49.75
May 22, 1928—PTN LOTS 14 and 15 Blk D Jane's Tract, Berkeley. General Plumbing Co. vs Albert and Eleanor B. Kissler and H. E. Kane.....	\$160.25
May 25, 1928—PTN LOT 6, Map Park View, Piedmont. Cliff Gates vs J. A. Sheets and F. W. Routhwaite.....	\$255
May 25, 1928—3600 CALAFIA ST., Oakland. Standard Sheet Metal Wks vs E. M. Bergsten.....	\$152
May 26, 1928—NO. 3965 GREENWOOD ST., Oakland. Frederick James Sturgeon and James Scuyler Sturgeon vs P and Jane Doe Weidman.....	\$103.38

RELEASE OF LIENS

Alameda County

Recorded	Amount
May 23, 1928—SE EDDY 137-6 W Jones W 25 x S 77-6. E. A. and Beulah Calegaris to whom it may concern.....	
May 23, 1928—NW HOOPER 150 SW 7th SW 50 x NW 240 to SE Channel ptn blk 39 South Beach Survey. Moody Estate Company to whom it may concern.....	May 21, 1928
May 23, 1928—NW HOOPER 150 SW 7th SW 50 x NW 240 to SE Channel ptn blk 39 South Beach Survey. Moody Estate Company to whom it may concern.....	May 22, 1928
May 23, 1928—ALL BLK 429 OL bounded on E by Cabrillo W by Gt. Highway S Fulton E by La Playa, excepting therefrom that certain parcel of land which was conveyed by the Hotaling Estate Co. to S. F. deed recd. Feb. 11, 14 in 772 d 351. George H. Hotaling to whom it may concern.....	May 23, 1928
May 23, 1928—LOT 12, Merriewood Tct., Oakland. Bertrand E. Brown to W. T. Daily.....	\$2600
May 22, 1928—SE 6th & JACKSON Sts. Oakland. Mastercraft Tile & Roofing Co. to Buddhist Church of Oakland, M. Yokomizo, Geo. S. Shimanoto.....	\$510.80
May 23, 1928—1753 104th AVE., Oakland. Boorman Lbr Co to Morse Realty Co., and W. A. Rees, Jr.....	\$54.11

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE	Amount
LOTS 1 AND 2, Atherton Acres, San Mateo. All work for two-story residence and garage. Owner—A. L. DeLuca, 443 20th Ave., San Francisco.	

Architect—Oscar B. Thayer, 110 Sutter St., San Francisco.	
Contractor—Frachia & Tuffelli, 2450 Chestnut St., San Francisco.	
Filed May 21, '28. Dated May 5, '28.	
Roof on.....	\$2725
Ready for plaster.....	2725
When completed.....	2725
Usual 35 days.....	2725
TOTAL COST, \$10,900	
Bond, \$10,900. Surety, Globe Indemnity Limit, 90 working days. Forfeit, \$10. Plans and specifications filed.	

RESIDENCE

LOT 4, Howard Road, Hillsborough. All work for two-story frame residence and garage. Owner—E. A. Freeman, El Portal, San Mateo.	
---	--

Architect—None.

Contractor—Oscar L. Cavanagh, 432 Occidental St., San Mateo.	
--	--

Filed May 19, '28. Dated May 15, '28.	
Frame up.....	\$6000
When plastered.....	6000
When completed.....	6000
Usual 35 days.....	6000
TOTAL COST, \$24,000	
Bond, none. Limit, 100 working days. Forfeit, plans and specifications, none.	

RESIDENCE

PART LOT 28, Atherton Acreage, San Mateo. All work for two-story frame residence.	
---	--

Owner—A. E. Reiner et al, 91 Delano St., San Francisco.	
---	--

Architect—E. A. Neumarkel, 544 Market St., San Francisco.	
---	--

Contractor—Roy M. Gordon, 5th Ave., Redwood City.	
---	--

Filed May 24, '28. Dated May 24, '28.	
1st floor laid.....	\$ 500
Plumbing roughed in.....	1500
When plastered.....	1200
Completed.....	1233
Usual 35 days.....	1500
TOTAL COST, \$5933	
Bond, \$3000. Sureties, E. B. Hinman and Paul B. Nevin. Limit, 100 working days. Forfeit, none. Plans and specifications filed.	

MARKET BLDG.

PART LOT 5 BLK 11, Burlingame Land Co., Burlingame. All work for one-story concrete market building.	
--	--

Owner—Joseph L. Stewart, Claus Spreckels Bldg., San Francisco.	
--	--

Architect—Joseph A. Stewart, 1212 Claus Spreckels Bldg., S. F.	
--	--

Contractor—R. W. Littlefield, 337 17th St., Oakland.	
--	--

Filed May 23, '28. Dated May 22, '28.	
Steel frame erected.....	\$11,435.88
Walls and roof completed.....	12,854.70
When completed.....	12,854.70
Usual 35 days.....	12,854.72
TOTAL COST, \$50,000.00	
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.	

APARTMENTS

LOTS 13 AND 14 BLK 10, Dingee Park, San Mateo. All work for two-story apartment house.	
--	--

Owner—Jean Cumming et al.	
---------------------------	--

Architect—J. B. McCool, 381 Bush St. San Francisco.	
---	--

Contractor—Guss Waller.	
-------------------------	--

Filed May 25, '28. Dated May 23, '28.	
Frame up.....	\$4770.75
Plastered.....	4770.75
Completed.....	4770.75
Usual 35 days.....	4770.75
TOTAL COST, \$19,083.00	
Bond, \$19,083. Sureties, Z. T. Thorning and S. P. Gray. Limit, 100 working days. Forfeit, none. Plans and specifications filed.	

BUILDING PERMITS

SAN MATEO

BUNGALOW, \$2500; Lot 6 Blk 1, South D St., San Mateo; owner, Carl Jensen; contractor, O. H. Jensen.	
RESIDENCE, 2-story hollow tile (nine rooms and 3 baths), \$14,000; Lot 2 Blk 16, Parrott Drive, San Mateo; owner, Mr. and Mrs. J. L. Reynolds, 30th Ave. near Taraval St., San Francisco; architect, Grimes & Scott Balovich Bldg., San Mateo.	

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
May 19, 1928—LOT 17 BLK 6, Edgewood Park, San Mateo. J. L. Connolly to whom it may concern.....	May 12, 1928
May 19, 1928—LOT 8 BLK 7, Burlingame. C. B. McClain to whom it may concern.....	May 18, 1923
May 19, 1928—PART LOTS 1 and 2 Blk B, Pariso Park, San Mateo. Forster R. Andrews to S. F. Borguin.....	
May 22, 1928—PART LOTS 1 and 2 Blk B, Pariso Park, San Mateo. Forster Andrews, et al to S. F. Borguin.....	May 19, 1928
May 19, 1928—PART LOT 3, Villa Lots, Fair Oaks. Leland S. Prior to S. J. Milton.....	May 19, 1928
May 19, 1928—SE COR 5th & H STS., San Mateo. Arthur Mozzarelli et al to Leo F. Fozzi et al.....	May 19
May 21, 1928—LOT 2 BLK 4, Burlingame Hills. Geo. W. Williams to G. W. Williams Co.....	May 19, 1928
May 21, 1928—W SIDE LINDEN AVE., South San Francisco. South San Francisco Land & Imp. Co. to J. S. Baker.....	May 15, 1928
May 21, 1928—LOT 7 BLK 5, Burlingame. Fred Billsborough to whom it may concern.....	May 15, 1928
May 21, 1928—LOT 9 BLK 5, Burlingame Shore Land Co. Ingvard Sorensen to whom it may concern.....	May 15, 1928
May 21, 1928—LOT 29, BLK 6, Vista Grande, San Mateo. Chas. H. Duermer to whom it may concern.....	May 19, 1928
May 22, 1928—PART LOT 22 BLK 1, Jefferson Acres, San Mateo. Clara I. Smith to whom it may concern.....	May 22, 1928
May 22, 1928—PART LOT 184, San Mateo Park, San Mateo. Oscar L. Cavanagh to Oscar L. Cavanagh.....	May 18, 1928
May 22, 1928—LOT 22 BLK 4, Baywood, San Mateo. Robert H. Smith to whom it may concern.....	May 21, 1928
May 23, 1928—PART LOT 1 BLK 2, Menlo Oaks. W F Kloy to whom it may concern.....	May 18, 1928
May 23, 1928—PART LOT 20 BLK 5, East San Mateo. John Montigel to whom it may concern.....	May 18, 1928
May 23, 1928—LOT 1 ELK 37, Easton. H B Wilson to whom it may concern.....	May 18, 1928
May 23, 1928—NE LILIA ST., Homestead, San Mateo. James J Ward to R C Mitchell.....	May 5, 1928
May 23, 1928—LOTS 23 AND 25 BLK 24, Redwood Highlands. George Y Morton to Peninsula Constr Co (2 completions).....	May 3, 1928
May 24, 1928—PART LOT 9 BLK 63, Dumbarton Oaks. Emil Hendrickson to whom it may concern.....	May 24, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
May 22, 1928—50 FT. on HILL VIEW Ave., Redwood. Arthur W. Kreg vs Edward Emery.....	\$46
May 22, 1928—SW COR BREWSTER and Hill View Ave., Redwood. Arthur W. Kreg vs Edward Emery.....	\$239

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
May 21, 1928—LOT 33 BLK 10, 4th Add. San Bruno Park, San Mateo. San Mateo Feed & Fuel Co.; Thomas Day Co.; A. W. Gordan; Geo. W. Rhodes;	

Specify A
GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature. 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

Richmond Sanitary Co.; Fox McNulty Lbr. Co.; J. A. Groeting, all in full, to M. Anderson, et al.....

BUILDING PERMITS

BURLINGAME

RESIDENCE, \$9000; Lot 4 Blk 65, Hillside Dr., Burlingame; owner, Ed. S. Shaver, 1401 Carmelita St., Burlingame.
BUNALOW, \$5000; Lot 11 Blk 5, Winchester Drive, Burlingame; owner, I. Sorensen, 1128 Lincoln St., Burlingame.
BUNGALOW nd garage, \$5200; Lot 25 Blk 3, Paloma Ave., Burlingame; owner, John Sorensen, 809 Bayswater St., Burlingame; contractor, P. rove Pedersen, 708 Laurel St., Burlingame.

BUILDING PERMITS

REDWOOD CITY

STORE building, one-story reinforced concrete (3 stores), \$10,000; No. 632-34-38 Broadway, Redwood City; owner, H. E. Robinson, Gilroy; architect, W. H. Weeks, Hunter-Dulin Bldg., San Francisco; contractor, Daley Bros., 1104 Vancouver St., Burlingame.

BUILDING PERMITS

PALO ALTO

RESIDENCE, \$1500; No. 844 Addison Ave., Palo Alto; owner, E. C. Hill, Premises.

BUILDING PERMITS

SAN JOSE

COMB. Storage garage and duplex residence, \$26,905; Prevost N. Auzeais, San Jose; owner, Floyd W. Hauchett; 140 Greenwood St., San Francisco; architect, Creston H. Jensen, 605 Market St., San Francisco; contractor, Morrison Bros., Builders' Exch., San Jose.

COMB. Residence and garage, \$1500; Morrison N. Cinnabar; owner, F. Heinrich, 750 S. Twelfth; contractor, J. C. Thorp, Bank of Italy, San Jose.
FIVE-ROOM Residence, \$5500; Julian N. Stockton, San Jose; owner, A. L. Johnson, 824 Delmas, San Jose; contractor, A. W. Johnson, Box 71, Campbell, Cal.

STEEL Tower and tank; \$4875; Julian & Pleasant; owner, Guggenheim Co., 261 W. Julian; architect, Chicago Tank and Bridge Co., Chicago, Ill.; contractor, Chicago Tank & Bridge Co., Chicago.

THREE-ROOM Cottage, \$2000; St. James and Fifth, San Jose; owner, Mrs. J. Garcia, 201 N. Fifth; contractor, Frank Neves, 892 Harrison Sta. Clara.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$3000; 2129 S American St., Stockton; owner, Andrew Chitty, Stockton.
RESIDENCE & Garage, \$5500; 1715 W Willow St., Stockton; owner, C. H. Barton, 1014 N Wilson Way, Stockton.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

NE DEWEY & EVANS AVE. and designated on map as Lots 12 and 13. Blk 5, Pacific Grove; all work for one-story frame building.
Owner—R. B. Swayne, Inc., Royal Ins. Bldg., San Francisco.
Architect—Shea & Shea, 454 Montgomery St., San Francisco.
Contractor—J. C. Anthony, 414 Fremont St., Monterey, Cal.
Filed May 22, 1928. Dated May 7, 1928
When foundations are laid, rough frame up and roof boards on ready to receive roofing.....\$2,000
When roofing is on and all plastering of interior and exterior is completed and building made ready to receive finish.....2,000

When all finish is on and made ready to receive paint and finishing.....2,000
When the entire work is completed and accepted by owner and all receipts bills for labor and materials done and furnished building presented.....2,000
TOTAL COST, \$8,000
Bond, sureties, forfeit, limit, none; plans and spec. filed.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

SCHOOL
WAVERLY SCHOOL DISTRICT. All work for one-story frame school building.
Owner—Waverly School District of San Joaquin County.
Architect—None.
Contractor—Alfred Love, 1430 N-Hunter St., Stockton.
Filed May 23, '28. Dated May 17, '28.
TOTAL COST, \$8443.30

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
May 25, 1928—S 62 FT. LOTS 1, 2, 3, 4, 5 and 6 Blk 57, Tracy. Earl W and Merle L Roberts to Frank W Roberts.....May 19, 1928
May 26, 1928—LOTS 31 AND 32 BLK 25, Searchlight Addition to City of Stockton. Harry Hanson to whom it may concern.....May 15, 1928
May 19, 1928—LOT 17 BLK 10, Yosemite Terrace, Stockton. Thos G and Edna L Wollard to F P Dobson.....May 18, 1928
My 19, 1928—STOCKTON. Board of Trustees of United Brethren in Christ of Stockton, Cal., by Fred Tietjen, Harry Mallory, Roy B Darby, L D Jonson and R P Nelson to J F Hoerl.....May 17, 1928
May 22, 1928—SW ACACIA & EL DO-RADO Sts., Stockton (Eden Square Bldg.). F. S. Boggs to Roberts & O'Keefe.....May 22, 1928

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
May 18, 1928—N ½ LOTS 7, 9 AND 11 Blk 94, W of Center St., Stockton. W H Charboneau vs Wm Brown.....\$443.87

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
May 25, 1928—EAST SIDE RIPLEY ST. bet. Benton St. and Berry Lane, Santa Rosa. J. Goebel Collins to whom it may concern.....May 25, 1928
May 19, 1928—PTN LOT 27 BLK 5, Knaak's Addn. to Headlsburg. Dr. J. R. Swisher to whom it may concern.....May 18, 1928
May 21, 1928—NW COR PETALUMA Ave. and Burnett St., Sebastopol. J. A. Tough to whom it may concern.....May 21, 1928

LIENS FILED

SONOMA COUNTY

Recorded Amount
May 23, 1928—NW COR RIPLEY ST. and Berry Lane, Santa Rosa. F. E. Tompkins vs John Zuier, Gty. Bldg. & Loan Assn., Frank Corrick, J. R. Edwards, R. A. Belden, R. D. Dixon.....\$363.90
May 21, 1928—NW COR RIPLEY ST. and Berry Lane, Santa Rosa. F. E. Tompkins vs Frank Corrick, Edwards, R. A. Belden and R. D. Dixon.....\$200.00

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
May 21, 1928—LOTS 13, 15 BLK 89 3rd Add to Pacific Grove. Bertha H. Lake to whom it may concern.....May 12, 1928
May 19, 1928—LOT 6 BLK 15 ½ Map of

Homestead Addn. to Salinas City. Sam Lrondhjem to whom it may concern.....May 18, 1928
May 22, 1928—BEING IN REAR OF premises now occupied by California Dyeing & Cleaning Works and the Sure Way Grocery, fronting 40 ft. on W Gabilan St. Erlinda Norris to E. M. Britt.....May 21, 1928
May 22, 1928—W ½ LOT R BLK 4 ½ the W ½ Lot R fronting on Monterey St. in City of Salinas. James Cahoon to E. M. Britt.....May 21, 1928

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
May 14, 1928—LARKSPUR. W M Bredhoff and wife to Wm F Granger & Co.....May 14, 1928

LIENS FILED

MARIN COUNTY

Recorded Amount
May 15, 1928—SAN ANSELMO. A N Sherman vs Arthur B Shearer.....\$493

BUILDING CONTRACTS

SACRAMENTO

RECORDED

PAVING
TEAM TRACK DRIVEWAY, bet. 22nd and 25th Sts. and new siding bet. rail and 2 ft. outside in R St., Sacramento. Approximately 22,545 sq. ft. of paving with 6 inch apsh. conc. pavement.
Owner—Southern Pacific Company.
Architect—None.
Contractor—Clark & Henery Constr. Co., Ochsner Bldg., Sacramento.
Filed May 22, '28. Dated May 14, '28.
TOTAL COST, 24½¢ sq. ft.

ELEVATOR, ETC.
WALNUT GROVE, railroad steamer shed. All work for overhead worm gear traction freight elevator with motor and controller.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—San Francisco Elevator Co., Inc., 860 Folsom St., San Francisco.
Filed May 23, '28. Dated May 3, '28.
TOTAL COST, \$12,178

ROAD BED
FROM R. R. YARD AT TWELFTH ST. to California Corp. Canneries N of N B St. along 7th St., Sacramento. All work for road bed for drill track—9550 cu. yds. of embankment in pl. at 54 c per cu. yd. of grading.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—D. McDonald, 1118 G St., Sacramento.
Filed May 24, '28. Dated May 14, '28.
TOTAL COST, 54¢ cu. yd.

BUILDING PERMITS

SACRAMENTO

RESIDENCE, frame, 8-room and garage, \$5000; No. 1121 24th St., Sacramento; Owner, W. C. Keating, 925 Forum Bldg., Sacramento.
RESIDENCES, (2) frame one-story 5-rooms and garages, \$4000 each; No. 3433 40th St., and 3440 Santa Cruz St., Sacramento; owner, Jessie Benham, 3417 40th St., Sacramento; contractor, P. W. T. Martin.
TWO 1-story 5-room family residences and garages, \$4300 each; 1416 and 1424 48th St., Sacramento; owner, G. Samboceti, 1424 48th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
May 22, 1928—LOT 14, Ridewood, Sacramento. Joseph Pedrone to whom it may concern.....May 21, 1928
May 22, 1928—LOT 19, Western Pacific Addition, Sacramento. Glenn Ferris Van Vliet and Ethel, wife, to whom it may concern.....May 18, 1928
May 23, 1928—LOT 81, Western Pacific Addition, Sacramento. A V Chargin to whom it may concern.....May 23, 1928

May 23, 1928—LOT 1713 ELMHURST, Sacramento. Vannes S Raymond to whom it may concern.....May 22, 1928
 May 24, 1928—LOT 164, Hiemeland, Sacramento. R A Person to whom it may concern.....May 21, 1928
 May 25, 1928—LOT 8, City Farms No. 2, Sacramento. Thomas and Julia Costello to whom it may concern.....May 25, 1928
 May 25, 1928—UOTS 61 AND 62, Ridge Park, Sacramento. U S Steeves to whom it may concern.....May 23, 1928
 May 25, 1928—LOT 13 Brier Terrace, Sacramento. E P Somer to whom it may concern.....May 23, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 May 22, 1928—N½ of S½ LOT 1 NW 25th and 26th Sts., Sacramento. S. R. Rogers vs Gus Thiery.....\$86
 May 25, 1928—NO. 5033 TENTH AVE, being Lot 1003 Addn to Tract 21, Sacramento. Dolan Bldg Material Co vs Wyatt C and Mary H Earp.....\$233.72
 May 19, 1928—LOT 57, W & K Tract, Sacramento. Construction Materials Co vs Gertrude Misenheimer.....\$26.50

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Amount
 May 22, 1928—W 50 ft. N 95 ft. LOT 1 J K 14th and 15th Sts., Sacramento. J. Cahill and Ed Miller (as Miller & Cahill) to Augustin E. and Rebecca Coolot.....\$1,112.31
 May 22, 1928—W 50 ft. of N 95 ft. LOT 1, J. K., 14th and 15th Sts., Sacramento. Luppen & Hawley to Rebecca and Augustin E. Coolot.....\$1,818.60
 May 21, 1928—LOTS 27 AND 28 BLK S, Gould Amd, Sacramento. Jas A Little to Ellen H Chenoweth et al.....\$88.76

Notice of Non-Responsibility

SACRAMENTO COUNTY

May 19, 1928—NO. 1016 SECOND ST., Sacramento. Frank Hickman, Chris R. Jones and Wilbur F Brand as to improvements on property.

BUILDING PERMITS

FRESNO

ALTER and add., \$1500; 633 McKinley Ave., Fresno; owner, Dr. C. L. Bennett, 633 McKinley Ave., Fresno; contractor, Yarnell & Garges, Fresno.
 ALTERATIONS and Add., \$1350; 402 Peralta Way, Fresno; owner, John Rossi, 402 Peralta Way, Fresno; contractor, Sanderson & Co., 2228 Tulare, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
 May 24, 1928—LOTS 4, 5, 6 BLK Willson N Fresno Tract, Fresno. Thos. Bobo to whom it may concern.....May 24, 1928
 May 26, 1928—LOTS 15, 16 BLK 2, Sunset Terrace, Fresno. Jas. T. Cowan to whom it may concern.....May 24, 1928
 May 25, 1928—EDISON TECHNICAL School, Fresno City High School to Remington-Rand Business Service Inc.....May 24, 1928
 May 25, 1928—LONGFELLOW JUNIOR High School Gymnasium, Fresno City High School to Fresno Planing Mill Co., Fresno Hardware Co. (two completions).....May 24, 1928
 May 25, 1928—THEODORE ROOSEVELT High School, Fresno City High School to Joe, Stretter; E. H. Stafford Mfg. Co.; Remington-Rand Business Service, (three completions).....May 24, 1928
 May 22, 1928—PT LOT 15, Normal Hts., Fresno. John Weyland to whom it may concern.....May 18, 1928

LIENS FILED

FRESNO COUNTY

Recorded Amount
 May 24, 1928—LOT 1, 2 BLK DAKOTA Highway Tract, Fresno. F. P. Burris vs T. R. Paige and Bertha Lemlinger.....\$178
 May 26, 1928—LOTS 41, 42 BLK 5, Sierra Vista Addl., Fresno. Herman and Todresic vs T. W. Brown.....\$64

Notice of Non-Responsibility

FRESNO COUNTY

May 21, 1928—NO. 1026 BROADWAY, Fresno. John F Coffman and Pearl C Slater as to improvements n property.

PROTEST FREIGHT RATES

Western Rock Products Company has filed a complaint with the Railroad Commission against The Atchison, Topeka and Santa Fe Railway Company alleging that defendant carrier collected switching charges to the amount of \$421.20 on shipments of sand from Antioch to San Francisco, interchange with Southern Pacific Company at San Francisco, for delivery at Crescent, and asking the Commission to require defendant carrier to refund the amount of the switching charges.

Western Concrete Pipe Company has also filed a complaint against Southern Pacific Company, alleging that defendant carrier collected unlawful demurrage charges from complainant at Los Angeles and other points on several hundred cars of rock, sand and gravel, and asking the Railroad Commission to require defendant to refund said charges, with interest at six per cent.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

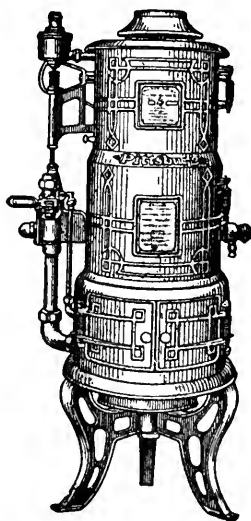
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

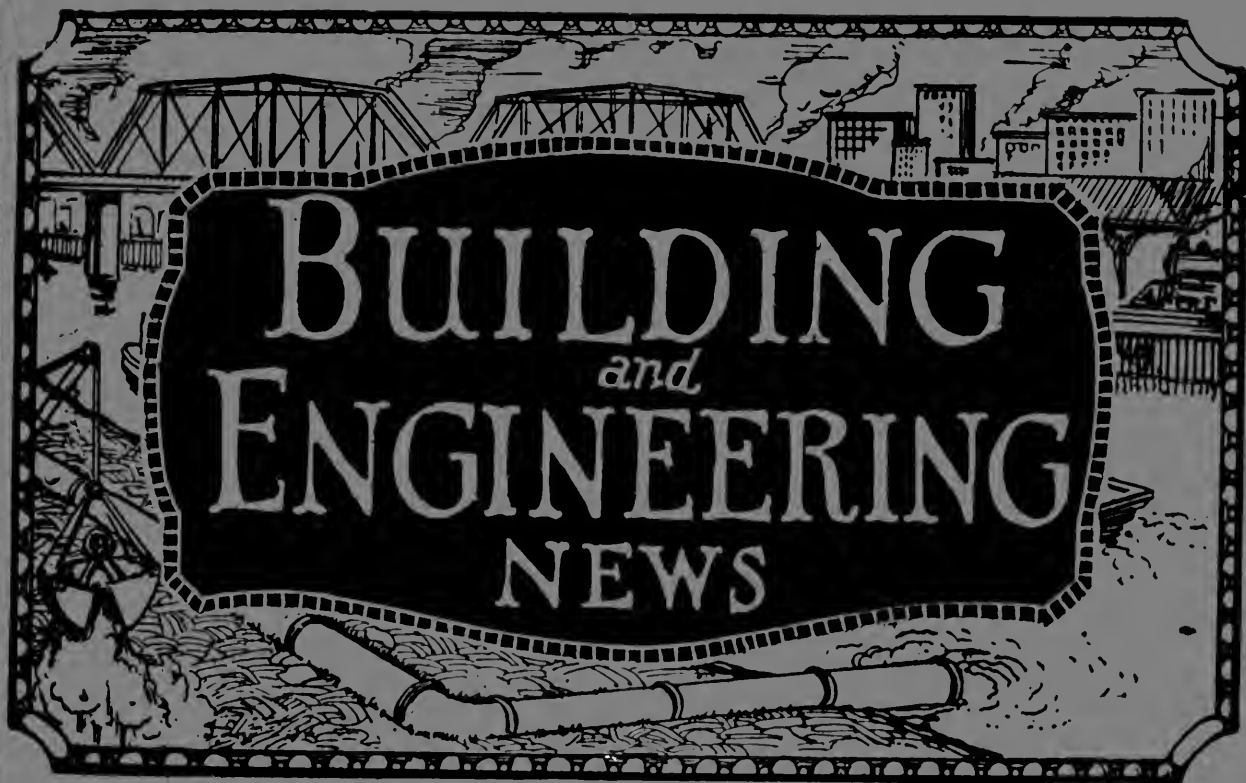
STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., JUNE 9, 1928

Published Every Saturday
Twenty-eighth Year, No. 23

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw Around Their Dwelling to Keep the Cold Out

Applying time - proved methods of insula- tion to modern day needs

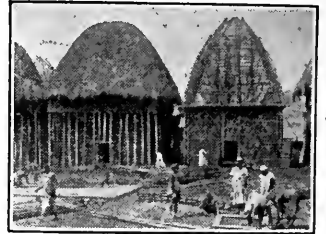
NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

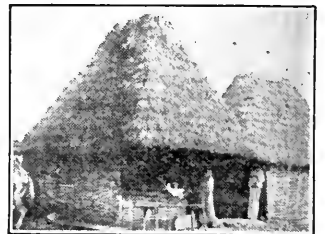
Saint Joseph, Missouri



Picture Showing African Natives Using Straw on the Roof of Their Huts



A Philippine Island Home. The Roof is Covered Entirely with Straw



South American Homes, with Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday SAN FRANCISCO, CALIF., JUNE 9, 1928 Twenty-eighth Year, No. 23



45-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-
tectural, Building and Industrial Ac-
tivities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

MAY BUILDING SUMMARY.

Building construction undertaken in San Francisco during the month of May, 1928, represented an expenditure of \$2,335,116, according to figures compiled by the Bureau of Building Inspection, Department of Public Works. During the month 661 permits were issued as compared with 905 permits in May, 1927, when the total money expenditure was \$4,979,792.

May, 1928, activities included two public projects, one for the municipality costing \$85,000, and one for the State Harbor Commission valued at \$83,000. May, 1927 activities included two projects for the city costing \$168,000 and four structures for the harbor commission costing \$176,328.

The figures for May, 1927, included 35 Class C buildings costing \$1,127,502, and for 347 frame structures costing \$2,510,311.

Following is a complete summary of May, 1928, activities as compiled by the Bureau of Building Inspection:

Class	No. of Permits	Est. Cost
B	1	\$ 150,000
C	19	582,360
Frames	232	1,412,995
Alterations	407	321,761
Harbor Bldgs.	1	85,000
City Bldgs.	1	83,000
Total	661	\$2,625,116

SACRAMENTO BUILDING TOTAL

May building operations in Sacramento rolled up a total money expenditure of \$397,319, according to J. R. Shields, city building inspector. Although a comparatively quiet month, May's business brought the total for the year to \$2,840,506. No large projects of any kind were started during the month, the bulk of the business being represented in home building. One story, single family dwellings contributed nearly \$200,000 of the total. A total of 177 permits were issued during May for all purposes.

SIX-DAY WEEK FOR OIL INDUSTRY TO BE CONSIDERED

The State Department of Industrial Relations has called a conference of the oil companies of California to consider the desirability of introducing the six-day week in lieu of the seven-day week for all employees in the industry. It will be held in Room 109 in the State Building, Civic Center, San Francisco, June 18, at 10 A. M.

On January 1, 1917, the Standard Oil Company adopted the six-day week for all its employees, with the exception of its drilling crews. Beginning with April 15, 1928, this Company extended the six-day week to the drilling crews. This change was made without reduction in pay.

It is believed that other oil companies have been considering action similar to that taken by the Standard Oil Company. A general discussion will be helpful in obtaining uniform conditions for the approximately 10,000 employees concerned.

The California Legislature approved on February 27, 1893 (Stats. 1893, p. 54), "An act to provide for a day of rest from labor." This law covers employees engaged by the day, week, month or year, and whether working in the day or night time. Section 1 of the Act states that "every person employed in any occupation of labor shall be entitled to one day's rest therefrom in seven, and it shall be unlawful for any employer of labor to cause his employees, or any of them, to work more than six days in seven." A proviso excludes "any case of emergency."

Leaving the law out of consideration, there is the highest sanction known to man for the weekly day of rest. Public opinion supports the twenty-four hours cessation from toil each week. Employers are generally committed to the wisdom of the policy, and, as already stated, one of the large oil companies of California has pioneered the way for all of its employees. Hence this invitation to attend the conference is San Francisco on June 18th is sent in the spirit of the larger view of the social and economic values involved.

STATE CIVIL SERVICE EXAMS. TO BE HELD SHORTLY

California Civil Service Commission announces that several examinations will be held in San Francisco, Sacramento, and Los Angeles as soon as practicable after June 16. These examinations will provide for:

Senior Elevator Inspector, Grade 4, Division of Industrial Accidents and Safety, paying from \$200 to \$250 a month.

Assistant Safety Engineer, (Electric), Grade 4, Division of Industrial Accidents and Safety, paying from \$235 to \$280 a month.

Safety Engineer and Inspector, Grade 3, Compensation Insurance Fund, paying from \$150 to \$190 a month.

Assistant Superintendent of Safety Engineering and Inspection, Grade 4, Compensation Insurance Fund, paying from \$200 to \$230 a month.

Further information regarding these examinations together with application forms may be obtained from offices of the commission in the State Building, San Francisco; Forum Building, Sacramento, and Hall of Records Building, Los Angeles.

SOUTHERN PACIFIC R. R. PLANS TO BRIDGE SUISUN BAY

Plans are being considered by the Southern Pacific Railroad Company to construct a steel railroad bridge over Suisun Bay to replace the present train ferry across Carquinez Straits between Port Costa, Contra Costa County and Benicia, Solano County.

The bridge will be a double track, single level structure of silicon steel.

The site of the proposed bridge is six and a half miles east of Crockett. It will extend from Army Point on the north shore to Suisun Point on the south.

From abutment to abutment the new span will be 5,597 feet long with a 70-foot clearance above the water at mean high tide. It will consist of a 750 foot steel girder viaduct, ten 408 foot spans, one 284 foot deck span and one 327 foot lift span, all resting on concrete piers.

The electrically operated lift span will clear 95 per cent of the water traffic without opening the draw. When open this span will be 135 feet above mean water level, and will be directly over the navigation channel maintained in the bay by the army engineering corps, giving clearance equal to that of the Antioch bridge, both vertically and horizontally.

Necessary steps to obtain public authority for construction of the bridge will be taken at once, it was stated, and when such authority is obtained the company will proceed immediately with construction. It will require about two years to complete the bridge.

1927 UNIT COSTS OF OFFICE BUILDING IN CANADA

Unit costs of an average fifteen-story office building in Ontario, Canada, are summarized by Engineering News-Record, New York, in the table following. The percentage figures were based on 1927 construction costs of several large office buildings. Individual variations from these averages naturally occur as a result of different conditions affecting construction methods and varying designs affecting materials used. The detailed percentage costs were:

	Per Cent of Total Cost
General conditions.....	5.25
Structural frame.....	22.00
Brick and masonry.....	15.00
Plumbing, heating and ventilating.....	10.00
Electric wiring and fixtures.....	2.25
Marble tile and terrazzo.....	1.75
Elevators	7.50
Stone	3.00
Ornamental iron.....	2.25
Metal windows.....	2.25
Lathing and plastering.....	4.00
Roofing and sheet-metal work.....	0.75
Metal store-fronts, glass & glazing.....	1.00
Kalamein work and fire doors.....	2.50
Painting	1.75
Mail chutes.....	0.75
Special decoration allowance.....	0.50
Excavations	1.00
Foundations	1.75
Hardware	1.75
Fireproof partitions.....	2.50
Rough and finished carpentry.....	3.00
Vault doors.....	0.50
Linoleum floors.....	1.50
Overhead and profit.....	6.00
Total	100.00

Stockton building in May involved an expenditure of \$207,751 as compared with \$143,833 for the same period in 1927. During May, 1928, City Building Inspector J. E. Duffy issued 78 permits.

SIMPLIFIED PRACTICE ACHIEVEMENTS IN BUILDING FIELD ARE SUMMARIZED

RAY M. HUDSON, ASSISTANT DIRECTOR
Commercial Standards Group, Bureau of Standards

The high standards of living enjoyed by the American people are the results of steadily mounting per capita productivity. Further advances in these standards must be brought about by improving methods and processes, through the elimination of waste in materials and motion in our production and distribution system.

Just as twenty years ago we undertook nation-wide conservation of our natural resources, so today we must even more vigorously sustain this campaign for a better utilization of our industrial resources and effort. Wastes in commerce and industry fall into a number of classes. While they are of immediate concern to the manufacturing concerns, business community, construction engineers, the interests of the general public are involved to an important degree.

In 1921 when the "Hoover Committee on the Elimination of Waste in Industry" made a survey of six of our major industries, it found that the building industry stood in fourth place, with 53 per cent waste. Thirty-four per cent was chargeable to management, and one of the major causes was lack of simplification and standardization in materials, methods, machinery, and so on. When it is remembered that five billions of dollars are spent annually in construction, some conception may be gained of the extent to which this loss reduces the country's income.

Manufacturers and business men are forced to look into their businesses more intensively than ever before for opportunities to cut down costs and yet maintain for themselves a fair profit. They are finding that a prolific source of waste is too much variety. A surprising proportion of this variety is made up of slight dimensional differences, of models and types which are not markedly dissimilar, but which were originated in an effort to be "just a little different."

Variety may be the spice of life, but when carried to excess in some directions it places an unnecessary burden on manufacturers and distributors and their customers as well. As a result of meaningless differences, many of these "different" articles are slow-moving, and often become "frozen investment." Such funds do not serve a useful purpose, and someone has to pay for this idle capital.

The Department of Commerce, through the Division of Simplified Practice, is assisting the building and construction industry to check this waste, through the reduction of unnecessary variety in sizes and dimensions and other immaterial differences in every-day commodities. This cooperation on the part of the Government contains nothing regulatory nor inquisitorial. The service is to help such industrial groups as are interested in reducing waste, to get the facts as to wastes and to put their corrective actions into practice.

Safeguards have been set up to protect the fullest development of individual initiative and invention, as well as care for the changing trends of business. This is done by providing that the simplified practice recommendations, developed under the auspices of the Division of Simplified Practice, shall be subject to review at the end of such period as may be fixed by the industry. The re-survey is conducted by a standing committee representatives of all factors in the industry, or through another general conference of producers, distributors and organized users.

Acceptance by manufacturers, distributors and organized users, representing 80 per cent of the total volume of the industry, is necessary before a program

can be published as part of the elimination of waste series of the Department of Commerce.

At the time a simplification is promulgated by a general conference of all interests, a standing committee is appointed by the conference to insure the promotion and observance of the completed project. The membership of the committee is truly representative of all phases of the industry, since it consists of representative manufacturers, distributors, and organized users of the commodity concerned.

The percentages of reduction in variety have been startling, especially in the application of simplified practice in the building and construction field. They are as follows:

S.P.R.	Items	Reductions	
		From	To %
1	Vitrified Paving Brick	66	5 92
3	Metal Lath	125	24 81
4	Asphalt	102	10 90
6	Files and Rasps	1351	475 65
7	Rough & Smooth Face brick	75	2 97
	Common Brick	44	1 98
8	Range Boilers	130	13 90
12	Hollow Building Tile	36	20 44
13	Struct. Slates for Plumbing & Sanit'y Pur.	827	138 83
14	Roofing Slates (descrip. terms, thick., & sizes)	98	48 51
16	Lumber. Stand. nomenclature grades and sizes for softwood lumber.		
17	Forged Tools (Tool Heads)	665	361 46
	Eye sizes	120	10 91
18	Builders Hardware Items	6948	5120 26
	Finishes	100	29 71
19	Asbestos Mill Board (Sizes, thicknesses)	21	4 81
	Asbestos Paper (Sizes, Widths, & Wts. of rolls)	72	16 78
21	Brass Lavatory and Sink Traps	1114	76 93
25	Hot Water Storage Tanks	120	14 88
26	Steel Reinf. Bars Cross-sectional Areas	32	11 66
28	Sheet Steel	1819	261 85
29	Eaves Trough and Conductor Pipe	21	16 24
30	Terne Plate (Wts.)	9	7 22
32	Conc. Bldg. Units (Length, Width, Height of Blks Tile and Brick)	115	14 88
38	Sand Lime Brick (Length Width and Height)	14	3 79
43	Paint & Varnish Brushes	480	143 70
45	Grinding Wheels	715,200	2,254,400 64
47	Cut Tacks & Small Cut Nails (sizes)	421	182 57
	Packing Weights	423	121 71
48	Shovels, Spades, Scoops	5136	2178 57
49	Sidewalk Lights (Styles)	80	5 94
	Sizes	120	6 95
	Shapes	10	2 80
51	Die Head Chasers		75
52	Staple Vitreous China Plumbing Fixtures	441	58 87
53	Steel Reinf. Spirals	7	4 43
57	Wrought Iron & Wrought Steel Pipe, Valves, Pipe Fittings, Sizes of Valves and Fittings	20,000	19,238 4
	Sizes of Pipe	62	49 21
61	White Glazed Tile and Unglazed Ceramic Mosaic (Shapes, patterns, dimensions, grade nomenclature, grade marks, grade spec. and certifications of grades)		
71	Turnbuckles	248	115 54
72	Solid Section Steel Windows	42,877	2244 95
	Ash Handles (grades)		3 —
77	Hickory Handles (grades)		11 —

82 Hollow Metal Doors Provides for stock items.

83 Kalamein Doors. Provides for stock items.

87 Forms for Concrete Ribbed Fl. Const. (W'd's) 7 2 73

90 Hack Saw Blades 108 52 53

That simplification yields benefits sufficient to attract manufacturers, distributors and organized users alike, is demonstrated in the high degree of adherence shown the completed recommendations. Success or failure of a simplified practice recommendation is shown in the degree of adherence accorded it by its acceptors. Each recommendation is reviewed annually by a standing committee, which conducts a survey to ascertain the average degree of adherence to the particular program. Whenever it is impracticable to make a factual survey, the committee renders an estimated degree of adherence that the program enjoyed during the period of activity. The committee also makes recommendation for any revision or modification that may be considered necessary.

During the first quarter of 1928 there were 8 projects submitted to the respective standing committee for consideration. Of this number two were revised and six reaffirmed. The average degree of adherence to these eight projects was 89.18 per cent, based on factual surveys. Fifteen projects were reviewed during 1927 of which the average degree of adherence was 82.61 per cent.

Further evidence that simplification is proving of real value to manufacturers and purchasers is found in the increased number of Trade Associations accepting the completed recommendations. During the first quarter of 1928 this increased by 5 per cent, bringing the total to 859, while individual acceptances increased 11 per cent, making this total 8,597.

A major contribution to the stability and prosperity of American business is reflected in the savings which industry has gained from simplification. Industrial leaders estimate these aggregate more than \$500,000,000 a year. Typical annual savings due to elimination of unnecessary variety in sizes and dimensions of commonplace commodities are as follows:

Items	Estimated Annual Savings
Paving Bricks	\$1,000,000
Steel Sheets	2,400,000
Reinforcing Bars	4,500,000
Range Boilers	5,500,000

Elimination of 60 per cent of variety in sizes of soft-wood yard lumber is estimated to have reduced inventories formerly carried by four billion board-feet, thus releasing some \$200,000,000 of relatively idle capital. Strict adherence to this lumber simplification assures the home builders of the country, the production and distribution of standard dimension lumber supported by the united interests of the industry. During the past year, the lumber simplification program was given greater impetus through the development of grade-marking for cut lumber.

No city in the United States can expect to build a mythical stone wall around the town and hope to get away with it. If all cities had stone walls and barred contractors and materials except home made, many of them would soon degenerate in the small towns and perhaps be eliminated entirely.—Ex.

GOVERNOR HITS BUILDING PROGRAM AS PROPOSED BY STATE ARCHITECT

That the state's ten-year building program now being worked out is a matter for administration policy and is not to be decided alone by the state architect was the flat statement made by Governor C. C. Young, after members of his council reported that State Architect George B. McDougall had sent various departments their "programs" for erection of new structures.

It was stated that McDougall's "program" showed estimated expenditures of more than \$5,000,000 for the forthcoming biennium, as against approximately \$2,500,000 for the present two-year period.

Must Hold To Budget

"I want this to be clear," the governor declared in reply to these reports. "The budget for new building construction for the next two years is not going to exceed that of the present biennium."

"And the working out of a ten-year program is something to be settled by the administrative policy and not by the state architect."

Disappointments Seen

It means, remarked A. R. Heron, state director of finance, that there will be many bitter disappointments among the officers of the various institutions, for it will be impossible to realize all the work promised in the state architect's "program," which has been sent to these institutional heads.

Governor Young gave strong intimation that 1929-30 budget requests for more building funds than are allowed in the present budget would receive his veto.

Has No Approval

"Any 'program' drafted by the state architect must not be mistaken for

having administration approval," the governor warned. "and the institutional heads or departmental chiefs should not get the mistaken impression that the way is wide open for making wholesale requests for appropriations for new buildings. It is not."

Department directors also complained that the state architect has proceeded to prepare complete plans and specifications for new buildings without consulting them.

Fail Of Approval

They asserted that these plans seldom met with their approval for the special purpose for which the buildings were desired, often exceeded the appropriations and resulted in a needless waste of money.

Earl E. Jensen, state director of institutions, stated that McDougall had not consulted him about plans prepared for special buildings at the institutions.

William John Cooper, director of education, asserted that "there has not been a satisfactory gymnasium built at any of the state teacher colleges."

Held Too Elaborate

It also was claimed that the state architect's plans are too elaborate for the funds available for the buildings under contemplation.

The governor also wanted to know why it is that on highway construction work the contracts are let at a figure from 10 to 25 per cent under the estimates of the engineers of the state division of highways, while with state buildings the cost almost invariably run from 25 to 30 per cent over the estimates of the state division of architecture.

landi has only until July 1st to commence his suit.

\$62,000 In Repairs

The State of California within the past two years has spent a total of \$62,000 in making repairs to the bridge after it had been "delivered" by the contractor.

The Klamath River bridge amounted to a bad inheritance by the Young administration from the regime of former Governor Friend W. Richardson. It has been a constant source of trouble to the present highway officials, and a few months ago the federal government made a demand upon the state to return \$120,000 in federal aid money advanced to the project, because of the structural defects.

Defects "Dedicated"

The bridge, constructed as a memorial to Assemblyman G. H. Douglas, who died during the 1923 legislative session, leaped into prominence in 1926 when American flags were draped over gaping cracks in the structure while Governor Friend W. Richardson presided over dedication exercises.

The 1923 legislature appropriated \$225,000 to the construction of the bridge, and in addition, federal aid in the sum of \$264,809.26 was requested. On the strength of progress reports, the United States Bureau of Public Roads contributed \$120,000 to the project.

\$317,685.74 Paid

The state has paid to Rolandi a total of \$317,685.74. This was all paid during the Richardson administration. Nothing has been paid to Rolandi since Governor C. C. Young took office.

To Divert Funds

Loss of the federal appropriation to the bridge will not mean a loss of that sum to the state highway work, as this will be diverted to other highway jobs in the state.

A complete investigation of the bridge was ordered by Bert B. Meek, state director of public works, in March. This was made by Charles E. Andrew, state bridge engineer, and preliminary reports recently were submitted to Meek.

Contract Protested

During the investigation, it developed that the contract for the structure was let to Rolandi under the protest of R. M. Morton, then state highway engineer.

The state's counter-suit, if filed, Carlton said, will be based upon the claim that Rolandi did not follow the plans and specifications for the structure.

NATIONAL MILLWORK INSTITUTE TO BE ORGANIZED

It was decided at a conference of manufacturers and jobbers of sash, doors and millwork held at Chicago May 15 to form a National Millwork Institute to "develop a standard system of grading, adopt a uniform cost system, establish a trade extension service, organize and maintain a complete statistical service, and do and perform such other acts and functions as may be necessary and proper for such an organization." A committee of five on organization was appointed with authority to select four additional members. It will report in 30 days. S. F. D. Meffley secretary of the Wholesale Sash & Door Association, was appointed secretary. It is planned to operate the National Millwork Institute on an annual budget of about \$100,000 to be raised by assessment and an additional \$100,000 to be raised by subscription. Following are the members of the committee on organization: E. A. Nicholson, of the Millwork Institute of California, Los Angeles; Earl Kenyon, of the Long-Bell Lumber Co., Kansas City, Mo.; George J. Osgood, of the Wheeler, Osgood Co., Tacoma, Wash.; P. A. Richardson, of the Foster-Lothman Mills, Oshkosh, Wis.; and Harry S. Knox, president of the Wholesale Sash & Door Association, Chicago.

ARCHITECT MOOSER WINS SUIT FOR FEES ON SANTA BARBARA COURTHOUSE

A court decision which will give William Mooser, architect for the Santa Barbara county court house a total of from \$125,000 to \$150,000 for his work on the county capitol by the time the building is completed, was handed down by Judge Edward Henderson, of Ventura.

After listening to testimony of members of the board of supervisors and of the architect, as well as three members of the citizens' committee appointed two years ago to make recommendations as to the type of building to erect, Judge Henderson issued a peremptory writ of mandate and the county auditor paid \$17,500 to Mr. Mooser, representing 4 per cent on certain contracts for the court house which have been completed.

The generally estimated cost of the new county building now is \$1,500,000,

which means that Mr. Mooser will receive \$90,000 under the terms of his first contract and \$60,000 under the terms of the second contract entered into, which District Attorney Clarence C. Ward held to be illegal because its provisions were embodied in the first contract.

District Attorney Ward did not appeal the peremptory writ of mandate. A waiver was secured from Mr. Ward by Attorney Charles Albert Adams, of San Francisco, counsel for Mr. Mooser, the writ was served on the auditor, and the architect received his fee.

The county supervisors said in court that it had been their intention to pay the architect 10 per cent of the cost of the building although they admitted they had not studied carefully the contracts providing this payment.

STATE DEPARTMENT OF FINANCE REJECTS ROLANDI CLAIM ON BRIDGE

The State Department of Finance has rejected the claim of F. Rolandi, San Francisco contractor, in the sum of \$228,000 as additional payment for the construction of the Douglas Memorial Bridge spanning the Klamath River in Del Norte County, which the State of California has declined to accept because of structural defects.

C. C. Carlton, head of the legal division of the state department of public works, has filed recommendations with the finance department against the payment of the bill because, he said, "after a complete analysis the claim has failed to convince us it has any merit."

Suit Expected

Rolandi is expected now to proceed with a suit against the State of California in an attempt to force payment of the claim. Formal rejection was necessary before he could institute legal action.

But, Carlton announced further, if Rolandi starts action for the \$228,000, it is altogether probable that the State of California will file a cross-complaint against the contractor, seeking reparations from the \$317,000 already paid him, on the contention that an imperfect structure was delivered.

Under the statute of limitations, Ro-

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Questions concerning the building program of the University of California are expected to be settled at the June meeting of the Board of Regents to meet next Tuesday afternoon in the office of Governor C. C. Young in the State Bldg., San Francisco, at the last meeting of the Regents. Vice-President Robert G. Sproul was authorized to ask for bids on the Life Science Building and the new Infirmary and it is expected that orders to proceed with these buildings will be given. Plans call for the completion of the Life Science Building by August, 1929. Dr. Robert Legge, University physician, estimates the infirmary will be ready for occupancy fourteen months after ground has been broken.

A new service for contractors, realtors, material dealers and others interested in the building of homes and business structures is announced by the Oakland Chamber of Commerce. It consists of a statistical digest of building operations in the twelve districts comprising Greater Oakland. Through this digest, maintained by the Research Department of the Chamber, it is possible to inform any enquirers regarding the number of dwellings in each district, their value, and the number vacant and to compare these figures with previous ones. By means of this data the builder can determine which of the districts offers best opportunities for profit. The service is free to all enquirers, regardless of their membership in the chamber.

The 1929 convention and road show of the American Road Builders' Association will be held in Cleveland, Ohio, during the week of Jan. 14. Application blanks and other information will be available within the next few weeks, according to Chas. M. Upham, director, American Road Builders' Association, National Press Bldg., Washington, D. C.

Charging violation of sections of the Santa Cruz city charter, John B. Maker, former mayor, has filed suit against Mayor Fred W. Swanton and the city council. Maker seeks a court order declaring void a \$143,000 contract whereby Fairbanks, Morse & Co. of San Francisco were to install a city water pumping and chlorination plant. Maker also asks the return of \$40,000 turned over by the city as the first payment on the installation.

The "Electrical World" index of consumption of electrical energy by the manufacturing industries is 128.4 for April, compared with 115.3 for March and 108.9 for April, 1927. Operations in the electrical industry have been consistently higher this year than last, which is a normal condition; but indications in April and May point to an acceleration in the normal increase.

During the month of May, 1928, the Los Angeles city building department issued 3152 permits with an estimated valuation of \$8,941,735 as compared with 2200 permits with an estimated valuation of \$11,563,303 for the same month a year ago. For April, 1928, the number of permits issued was 2984 and the estimated valuation was \$8,711,040. For the first five months of 1928 Los Angeles' building total was \$42,812,136 as compared with \$48,837,802 for the corresponding period last year.

March, 1928, shipments of floor and wall tile, as reported by the Department of Commerce, by 36 concerns (including in earlier months 2 additional firms now out of business) making nearly 80 per cent of the total volume of floor and wall tile produced in 1925, totaled 5,253,266 square feet, as compared with 4,185,474 in February and 5,188,028 in March, 1927.

G. L. Fox, secretary of the Stockton Chamber of Commerce, is authority for the statement that negotiations are now under way in Stockton on which to locate a plant costing \$100,000. While the nature of the products to be manufactured is not disclosed it is said to be a pottery plant. Stockton, however, has been definitely decided upon as the plant location. Material from Calaveras county will be utilized, according to Fox.

Salt Lake City, Utah, was selected as the 1929 convention city and Walter F. McDowell, Tacoma, Wash., elected president at the close of the thirty-sixth annual convention of the United States League of Local Building and Loan Associations held at Dallas, Texas, according to Edwin M. Einstein, Fresno, president of the California Building-Loan League. California was honored with the naming of R. Horthby Myers, Los Angeles, as vice-president of the National League.

The proceedings of the Seventh Annual meeting of the Highway Research Board (B and 21st Sts., Washington, D. C.), are now ready for publication, and will be offered to those interested in highway research at the nominal price of \$2.00 per copy. The proceedings will include in addition to committee reports, papers by Frank B. Jewett on "Industrial Research," and by Maurice Holland on "The Demonstration and Dramatization of Research," and the report of Director Chas. M. Upham.

They grow 'em big in Washington state—those fir trees. And one of the biggest went crashing to the ground last week when a crew of the Crescent Logging Co. near Twin, Wash., dethroned a giant that not only provided a large amount of lumber but some statistics as well. The forest king when measured and cut totaled 260 feet; weight, 200 tons; diameter, 12 feet. It filled eight flat cars. It scaled 60,000 board feet.

Remarkable stability of building costs is strikingly illustrated by the index numbers compiled by the American Appraisal Company. The general figure covering four types of building construction in nine sections of the country is 202.9 for April, 1928, 202.9 for March, and 203.2 for April, 1927. This checks very closely with the Engineering News-Record Cost Index Number covering construction in general, which now stands at 207, compared with 206.8 a year ago. A general increase of from two to five points is noted for New England, all types participating in the advance. One to two points decline is reported for the Pacific Coast states and for Texas and the Northwestern states.

I. Rodriguez & Co., Apartado 994, San Juna, Porto Rico, importers and exporters, seeks connections with California lumber mills, dealing in wood for export, as they are interested in purchasing some quantities of wood to sell in Spain. Will furnish A-1 banking and commercial references.

State Department of Public Works has placed \$7,715,139.85 in highway work under contract between July 1, 1927 and May 28, 1928, according to Bert B. Meek, state director of public works. Meek reported that the contractors' bids for these jobs totaled \$645,665.24 under the estimates prepared by the state division of highways. The division of architecture, he stated, has completed building with a value of \$1,338,025.19 since the beginning of the present fiscal year.

Charging that the grades and elevations of the grading and surfacing of the Manor-White's hill road construction were changed by Rodney Messner, county engineer, when he took office, Cuffe and White, to whom was awarded the contract for the doing of the work at their bid of \$65,000 during the term of office of J. C. Oglesby, have filed suit against Marin county for \$35,154.10. The contract was awarded in July first, 1926, and was completed March, 1927.

Governor C. C. Young has requested B. B. Meek, state director of public works to supervise the preparation of new bridge legislation to be presented to the 1929 Senate and Assembly. The present law is antiquated and obsolete, he said. He believes the State should have the right to pass upon both the location and type of bridges proposed in California. The instructions were given after the Governor had received from the director a report to the effect that the Appellate Court has held the State has no jurisdiction over proposed bridges across San Francisco and Richardson says.

Fire losses in the United States and Canada during the month of April amounted to \$25,980,000, according to figures compiled by the New York Journal of Commerce. This compares with \$30,377,000 in March, \$41,105,400 in February and \$42,260,800 in January. With the exception of April all other months show sharp increases.

C. C. Gildersleeve, San Francisco contractor, is named defendant in a suit filed in the Superior Court at Martinez by Cecil Delahaye and Margaret Garvey who allege that Gildersleeve is responsible for leaving a large pole across a highway in Contra Costa county with which Delahaye's car collided. Damages totaling \$5,450 is sought.

Business Bulletin of the La Salle Extension University, Chicago, reports lumber activity on a more healthy basis at this time than last year, owing to better regulation of production and stocks on hand. New orders holding up well. Cement output increasing, but less than last year; shipments also greater, but increase in stocks on hand is unfavorable factor. Brightest prospects in building materials field are for companies dealing in specialties.

Completion of the San Francisco Bay bridge from San Mateo to Hayward by June, 1929, is forecast by A. W. Deuel, resident engineer in charge of construction. The seven-mile structure is already one-fourth completed. More than 2000 piles have been driven and 99 concrete sections of roadway are in place. Work on approaches is going ahead so they will be ready for use as soon as the bridge is completed.

Mr. E. R. Cawley, British Vice-Consul, Alaska Commercial Bldg., San Francisco, represents manufacturers of white, uniform shaped paving blocks, made from molten blast furnace slag run into moulds and then annealed, desire to establish a market here for these blocks. Price is about \$5.50 per ton f. o. b. Middlesbrough, England.

Building permits in Seattle of May, 1928, while greater in number, fell off about \$60,000 from the figures of May, 1927. Thus far this year the activities are approximately \$3,000,000 greater than for the corresponding period in 1927. May, 1928, activities totaled \$2,595,630 as compared with \$2,659,555 for May, 1927. There were 939 permits issued last month and 935 during May, 1927.

In the East Bay District, Oakland leads in May building operations with a total of 424 permits issued for improvements involving an expenditure of \$1,272,965. Berkeley reports 182 permits with a total of \$459,351; Alameda with 64 permits totaling \$168,355; Piedmont with 20 permits for \$130,249; San Leandro, 13 permits, \$43,995 and Richmond with 58 permits for improvements costing \$86,800.

is in the market for 1,550 feet of 8-inch to 10-inch tarred, or otherwise protected from the elements, steel pipe, to conduct water from flume to Pelton water wheel and of sufficient gauge to answer the purpose under 700 feet head. Also, 1500 feet of 2-inch boiler tubing, or reconditioned screw casing, to conduct air from air compressor to mine, tar dipped; and 800 feet of 1½-inch similar pipe to serve air drills within tunnel, also dipped in tar. They prefer prices F.O.B. Yreka, also desire shipping weights and catalogs, and wish to know to what pressure the last two items are guaranteed.

To bring together an interesting collection of well-designed school buildings in which common brick has been used for the exteriors is the announced purpose of the third annual common brick competition by the Pacific Northwest Brick and Tile Association. "Skillful design and ingenious disposal of various brick patterns, joints, bonds and textures" probably will determine to considerable extent the rating of the various designs submitted in the contest. A total of \$2100 in prizes is offered. The competition is open to two classes—buildings having (1) more, (2) less than 700,000 cu. ft. Prizes for each class are the same: First prize, \$500; second, \$250; third, \$100; four honorable mentions, \$50 each. A grand prize of \$500 will be given to the best building, regardless of class in which it is entered. Good photographs, floor plans and cubic footage are all that the architect must submit to compete. Entries may be made until November 6, 1928. Details may be obtained from the Association's office in the Arctic Building, Seattle.

Palo Alto building permits in May aggregated an expenditure of \$91,449 as compared with \$141,740 for the corresponding period in 1927. There were 33 permits issued last month as compared with 52 in the same month in 1927. Six residences undertaken last month involved an expenditure of \$48,200.

Reno, Nevada, during May, 1928, reports the issuance of building permits involving an expenditure of \$89,450 bringing the total expenditure for the year to date to \$586,820, as compared with \$385,100 in 1927 and \$350,675 for the corresponding period in 1926.

Building permits issued in Portland, Ore., for May, 1928, totaled \$2,940,977, a decrease of \$1,765,182 against the same period in 1927 when the figure was \$4,706,109. This year 875 permits were issued as against 945 last year.

TRADE NOTES

W. A. Davis, B. Heinrich and C. G. Smith will operate from 463 Harrison st., San Francisco, under the firm name of West Coast Elevator Company.

G. J. Doering Building Co., of San Francisco, has been incorporated with a capital stock of \$20,000. Directors are: G. J. Doering, L. A. Doering and F. J. Doering.

International Wood Preservative Co., of Oakland, capitalized for \$100,000, has been incorporated. Directors are: Geo. E. Sheldon, John W. Brown and Paul A. Brown, all of Oakland.

Efforts to surpass last year's output of 1,000,000 bricks will be made this year by the Table Mountain Clay Products Company of Butte county. It is announced by L. F. Riley, president of the company. The capacity of plant is between 15,000 and 20,000 bricks daily.

The DeGarmo Research Corp., Kingston, N. Y., manufacturers of an automatic fire extinguisher, retailing at \$3.50, wish to appoint several representatives in California to handle exclusive territories.

National Phone Holder Corp. (Mr. R. E. Johns, Manager), 203 South Dearborn St., Chicago, Ill., manufacturing an extremely simple and useful patented phone-holding device wish to appoint a selling agent in this territory.

Mountain Quarries in El Dorado county, near Auburn, will reopen at once with a force of fifty men, according to word from Auburn. The plant is owned by the Pacific Portland Cement Company.

Western Concrete Pipe Co., Los Angeles, has published a 48-page catalog describing its method of manufacturing concrete pipe by the Hume centrifugal method. Many illustrations are given of the manufacturing processes as well as of pipe installations. Hydraulic data in the form of tables and charts are included in the catalog.

Plans for the merger of the Armstrong Manufacturing Company of Huntington, W. Va., manufacturers of electrical appliances, and the New Era Range Corporation, and the formation of a new company to be known as The Armstrong Electric & Manufacturing Corporation, is announced. All of the assets of the old New Era Corporation and the Armstrong Manufacturing Company have been transferred to the new company.

Jay H. Skinner Advertising Agency, (Mr. Clarence W. Payne, vice-president), 728 Chronicle Bldg., Houston, Texas, represents a paint manufacturer who desires to secure a live dealer or distributor in this territory, who will carry a sufficiently large stock to take advantage of promptly filling orders which might accrue from advertising in this locality.

Federal Pipe and Tank Company, Ballard, Wash., has purchased the Cascade Pipe and Flume Company, operating a plant in West Seattle. Both concerns are manufacturing identical lines, consisting of wood pipe of the wire-bound and continuous-stave types and of wood tanks for water storage and fire protection. Their wood pipe, made of Douglas fir, is extensively used throughout the United States and in foreign countries, for city water supply, irrigation systems, mining operations, sewerage systems, etc.

ALONG THE LINE

A. H. Knoll, architect, announces the removal of his offices from 222 Kearny St., to Room 729 Hearst Bldg., San Francisco.

Chas. A. Newhall, consulting chemist of San Francisco and Seattle, Wash., has severed his connection with the Clay Products Association.

The annual convention of the American Water Works Association will be held in San Francisco, June 11-15. Sessions will be held at the Fairmont Hotel. This meeting of the association is the first held west of Denver.

Builders' Exchange of Beaumont, Tex., is looking for an experienced secretary. If you are interested communicate with Herman Weber, 312 Perlstein Bldg., Beaumont, Texas.

Annual family outing of the Modesto Chapter, American Association of Engineers, was held May 27 at the Don Pedro Dam. An inspection of the dam and power house of the Modesto Irrigation District was a feature of the day. Claude Waldo was chairman of the committee in charge of arrangements.

Talk about speed in construction! C. H. Keller, president of the Contractors' Equipment Company of Detroit, uses an airplane for traveling 20,000 miles a year in the conduct of his business. He alternates with his mechanic in piloting the plane.

G. C. Grubb has resigned as chief assistant city engineer of San Jose to accept a position as resident engineer for Canadian Industries, Ltd., at the high explosives plant at James Island, B. C., operated by Canadian Giant, Ltd., a subsidiary of Canadian Industries, Ltd.

Ernest A. Rolison, former city manager of Redding and later occupying a similar position in Santa Barbara, until voters abolished the city manager form of government, has been named city manager of Coronado.

George F. Whittemore, civilian engineer, U. S. Engineer Corps, has been transferred from San Francisco to St. Louis, Mo., detailed to preliminary "scientific studies" on the Mississippi River. Mr. Whittemore has been connected with the Engineer Corps work on the Pacific Coast for many years, particularly in connection with jetties and harbor improvement projects.

C. L. McKesson, material and research engineer for the California State Highway Commission for the past five years, has tendered his resignation, effective June 15. McKesson is to accept a position with the Bituminous Corporation and will engage in technical supervision of the use of emulsified asphalt for road purposes throughout the United States. His office will be in San Francisco.

Members of the Woodland Rotary Club were addressed June 5 by Winfield Scott, director of public relations of the National Lumber Manufacturers' Association. His talk was illustrated with colored slides. The topic was "Forestry and Reforestation of the Pacific Coast."

Fresno building permits during May totaled \$126,710 bringing the total operations of the year to date to \$911,161. May, 1927, operations registered a total of \$178,508.

HERE — THERE — EVERYWHERE

The necessity for revision of the Stockton city building code was stressed at the regular meeting of the Stockton Builders' Exchange, June 4, by Jesse E. Duffy, city building inspector and Wm. A. Curtis, assistant inspector. The code has been altered so many times to meet changing conditions, Duffy said, that complete revision will be necessary to make it satisfactory. Considerable opposition to the proposed uniform building code for the entire state, was expressed.

"Do not overlook the fact that safety of employees and the public must be given first consideration," wrote C. H. Fennell, chief engineer for the Chrysler Corporation, in a letter to all contractors engaged on projects for this automobile manufacturing concern. He suggested that meetings be called with all responsible heads of departments and subcontracting organizations within a short time so that safety matters might be fully planned and carried out.

A questionnaire sent to individuals who had entered trade apprenticeship in the State of Wisconsin previous to 1923 revealed that those who completed apprenticeship training were earning 40 per cent more than those who had started and dropped out. Sixty-five per cent of those who had dropped apprentice training acknowledged that they were earning less than they would have earned had they kept on, while 62 per cent announced that if they had it to do over again, they would have kept on with their apprentice work. Unemployment amongst those who had completed apprentice training was 1 per cent, while it was 5 per cent amongst those who had canceled indentureships.

Concrete Engineering Co., engaged in the sale and fabrication of reinforcing steel with headquarters at 1289 Indiana St., have filed an application for membership in the San Francisco Builders' Exchange. Application for membership has also been filed by the Diamond Springs Lime Co., manufacturers of lime-stone, quicklime and lime hydrate. The company operates a plant at Diamond Springs, El Dorado County.

Holdener Construction Co. of Sacramento, has filed articles of incorporation secured in the State of Nevada with Secretary of State Frank C. Jordan, showing 200,000 shares of no-par stock, and naming Frank A. Holdener, Luke D. Packard and Allen J. Wagner, all of Sacramento. Fontaine Johnson is resident agent of the corporation.

Brinkvalve Corp., (Mr. Harry Smith), 141 Broadway, New York City, N. Y., has placed on the market a new instantaneous water heater with every safety device which has passed every gas test in the East. They are desirous of being represented in this city for their popular priced heater.

May, 1928, building operations in Salinas involved an expenditure of \$182,675, as compared with \$128,795 for the corresponding period in 1927, according to H. F. Butler, city building inspector. Thirty-three new structures were started in Salinas last month.

May, 1928, building permits at Eureka involved an expenditure of \$41,125, as compared with \$34,090 for the corresponding period in 1927.

Trade Literature

National Gypsum Co., with general offices at Buffalo, N. Y., has issued an announcement to over 15,000 dealers telling of the "National Gold Bond Tile Board"—the first gypsum tile ever perfected. The product is now ready for the market. Architects, dealers and contractors are invited to write for decorated samples.

Celite Products Co., 1320 Hope St., Los Angeles, has issued a bulletin on workability, entitled "Designing Concrete for Workability as Well as Strength." In this bulletin information is given on the use of Celite as an admixture in concrete and how additional strength is thus obtained by means of increased workability. The bulletin contains interesting data on this important subject.

National Paving Brick Manufacturers Assn., 830 Engineers Bldg., Cleveland, Ohio, has issued a booklet entitled "Brick Pavements In The Making." The publication is intended to show, by reviewing processes of manufacturing and laying paving brick and the advantages claimed for this type of paving.

American Rolling Co., Middletown, O., has published a 41-page booklet entitled "The Story of Armco." The booklet tells the story of the origin and development of the company, of its pioneering in iron and steel research and its development of a world market for its standard and specialty products and of its policies which are to form the basis for its future growth.

General Electric Co., Schenectady, N. Y., has published a 27-page bulletin GEA-161-B illustrating and describing its various types of "Novalux" floodlighting projectors. Many illustrations are given of important public buildings throughout the United States in connection with which these floodlights are used. Tables of dimensions and capacities are also included. Projectors are shown for such services as railroad yards, searchlights, aviation beacons, airport boundary lights and intermediate aviation field lights.

Gypsum Industries, Chicago, Ill., has made available a new booklet in which is given a discussion of gypsum partition tile by Henry J. Schweim, chief engineer of the Gypsum Industries. The booklet contains a number of illustrations of partition tile in various office buildings and hotels throughout the country. It points out such advantages of the tile as ease of erection, saving in dead load, ease of alteration, and provision of ground insulation and fire protection. Several pages of specifications and drawings are included.

SEA WATER DYNAMO GENERATES POWER

The dream of limitless power from the sea is taking form in a laboratory installation set up by Georges Claude, inventor of liquid air, at Ougree-Marihay, on the Meuse river, near Liege, Belgium. Claude recently reported to the academy of sciences that a dynamo was being driven by utilizing the 46 degrees Fahrenheit difference of temperature between the surface water and that at a considerable depth. A 50-kilowatt generator, he said, was producing 40 kilowatts of power, much more than enough to do the pumping necessary in the process.

PATENTS

Granted to Californians as reported
by Munn & Co., Patent Attorneys

Geo. C. Martin, of Los Angeles. PROCESS OF TREATING AND FORMING PIPE. A pipe made water-resisting in a simple and inexpensive manner with in a minimum of time by applying asphalt, water-proof cement or cement with diatomaceous earth which makes the cement ten times as resistant to percolation of water as ordinary cement.

Dudley Baird, of Berkeley. ROASTING FURNACE CONSTRUCTION. Providing an improved, inexpensive, durable form of rabbie arm and shaft hub, with improved interconnection of the conduits of the arms and shafts.

Herman F. Zimmerman, of Los Angeles. DOWEL. A novel form or a metallic contractible dowel pin securing itself permanently in wood or similar material when driven "home."

Aloysius F. Mantz, of Los Angeles. SPRING SASH BALANCE. Entirely automatic in action, capable of being readily adjusted so as to regulate the tension of the spring in relation to the weights of the sash with which the balance is associated.

Julius G. Lengel, of Los Angeles. LIGHTING FIXTURE. Detaches and interlocks the parts together in a practical and convenient manner.

Frank Wilson, of Los Angeles. RAIL AND TIE CLAMP. An improved device facilitating railroad building, holding a rail securely bound to a tie, while serving as a resting plate for the rail and a protection for the tie, so that the former cannot cut into the latter and induce decay therein.

Claude E. Bowers, of Los Angeles. PIPE HANGER. A device for suspending quickly and in properly adjusted position sewer and waste pipes from the floor joists of buildings when installing the plumbing equipment.

Arthur I. Marcum, of Oakland. DRIVE AXLE. Providing a single reduction gear through-drive axle for use on vehicles having a pair of drive axles arranged in tandem.

William Hallberg, of Los Angeles. FIREPLACE. Effecting a constant circulation of air into and out of the room so as to insure at all times a constant supply of fresh heated air to the room, and having a fire box so correlated with the fireplace as to permit unlimited expansion thereof when heating without bulging or in any distorting the walls of the fireplace.

SUB-CONTRACTOR SUED

Thomas Englehart, doing business as the Englehart Paving and Construction company, Eureka, which has the contract for clearing the right of way for the state highway beyond Orick, has begun suit against F. M. Brown, and the Southern Surety company, bondsmen for Brown, to recover \$20,000 the amount of Brown's bond, as sub-contractor under plaintiff. Englehart in his complaint alleges that Brown failed to carry out his contract, compelling plaintiff to complete the work at an expense of \$11,894.88, besides \$4,981.09 plaintiff was compelled to pay for labor and supplies furnished Brown. Also plaintiff asks for \$4,000 damages. These items total \$20,876.97, but plaintiff sues only for the amount of Brown's bond.

Redwood City building permits during the month of May represented an expenditure of \$68,533 as compared with \$48,525 in May, 1927. April, 1928, activities registered \$96,800.

UPON WHOM DOES THE STRENGTH OF A STRUCTURE DEPEND? - ANSWER

(By D. C. Willett, in Construction News, Official Publication of Sacramento Chapter, A. G. C.)

A chain is no stronger than its weakest link—so it is with a structure.

A well designed structure is one in which the strength of the various units are equal, considering the load carried. In other words, it is a waste to design one unit twice as strong as another carrying corresponding loads.

The structural materials of today can be classed into two general groups:

One is the material which is received at the job as a unit, such as structural steels, etc.

The other—material which must be manufactured at the job, such as concrete, etc.

The strength of a structure in which steel is used is determined generally by the strength of the various connections. For instance, let us consider a steel frame structure. The strength of the members of this structure are known. When steel is manufactured under close inspection, it is a known fact that there is very little difference in the strength of a given grade—the connections of this steel frame will, if properly designed, develop the strength of the members.

Consider using reinforced concrete in a similar structure instead of the steel. A strength of concrete is assumed, the size and placement of the reinforcing steel is figured and, if properly designed, the strength is uniform throughout, considering the loads carried.

If in both instances a balanced design has been figured, does this insure a balanced strength in the structure? No.

In the first structure, the strength of the structure depends upon the accuracy in which the connections are constructed. There is a big tendency on the job to ignore this point, which has resulted in a design of excess strength

in order that a balance might be maintained.

In the second structure, reinforced concrete is used which has become a universal material, and is proving a very durable one, even with the careless methods of construction. What is the matter? Our buildings, bridges, etc., are standing. So they are and many of them in excellent condition, although poorly constructed and with no balance whatsoever in their strength, but what a waste! Was it the highest strength developed in the concrete that was assumed—if it was, most structures would fail. On the other hand, it was the lowest strength. Consider the waste with a portion of a single member twice as strong as the remainder of adjoining members carrying the same load, one twice as strong as the other. This is the actual condition in the average concrete structure. The Portland Cement Association, knowing this condition to exist and believing if the same could be overcome there would be a greater economy in concrete construction, thus increasing its use, has spent vast sums of money in experiments and tests. And through these they have arrived at simple methods of overcoming such conditions. The proper placement of the reinforcing steel is as important as the manufacture of the concrete to the strength of structure and it is not uncommon that the strength of structures is reduced by one-half due to carelessness on the job in placing steel.

Regardless of the type of material used, the strength of a structure depends as much on the method of construction as on the design. Under the present practices, is a balanced design constructed? The answer to this question is: No. Can it be had? Yes. Whose fault is it—the engineer's or the contractor's?

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

K-66-X-4918-C-S WOODWORKING ENGINEER, graduate with several years' experience in manufacture of furniture thoroughly familiar with designing plant layouts and woodworking machinery. Should have general knowledge of manufacturing costs. Apply by letter, giving age, and details of education and experience. Location, Middlewest.

R-1654-S SALESMAN, preferably with some training or experience in combustion of fuels to sell standard lines of oil burner equipment to owners and architects. Commission only. Location, San Mateo Co.

R-1696-S DRAFTSMAN, preferably with C. E. training and some experience on highway plotting and computing. Must have recommendations. Salary \$170-200 month. Location, Northern California.

R-1651-S SALESMAN, acquainted with the local machine shop trade to sell tools and supplies. Drawing acct. and commission. San Francisco.

R-1666-S STRUCTURAL ENGINEER, 32-35, pref. technical grad. with good record of experience on structural steel work for sales promotion to architects and contractors. Sales exper. preferred, but not required. Salary open. Apply by letter. Location, San Francisco.

R-1687-S STRUCTURAL ENGINEER, experienced on design of steel and concrete buildings for position in architect's office. Salary \$300 mo. Permanent. Apply by letter. Location, Northwest.

ONE AND ONLY ONE BID

Every bid tendered or every price quoted to any general contractor, architect or owner should be the lowest and the best first time. Any sub-contractor reducing his bid or any material dealer reducing his original quotation should be barred from the building field because he is a menace to everyone concerned. In short, there should be no shopping by either party concerned.

The practice of price-slashing is general everywhere. It involves the architect, the owner, the general contractor, the sub-contractor, the material dealer and the manufacturer, and unless a definite stand is taken against the practice, it will continue to drag the industry to a non-profit plane.

Price-cutting is nothing more than cut-throat competition between men engaged in a business where competition should be limited to the contractor's ability to submit the lowest possible figure the first time he is called upon to render his bid. His knowledge, however, of the general practice of price-cutting after bids are opened prompts him to take precautionary methods. Necessarily, his first bid is not his best bid. He places it higher because he knows it is expected of him to make a reduction.

This condition in the contracting profession will prevail as long as its members tolerate the unscrupulous practice, which is constantly plunging a great industry into a perilous situation. One contractor, however, has not the power, the prestige or the influence to correct the evil. It remains for all the contractors to arrive at a suitable understanding that will stamp out the menace and prohibit for all time to come price-slashing. Such a step would be in the interest of just and equitable principles of the trade.—(L. A. Journal of Commerce).

GOVERNMENT STATISTICS REFUTE ASSERTIONS OF INSURANCE INTERESTS

United States government statistics refute the assertions of insurance interests that 15,000 lives are lost annually due to fire, according to a survey by engineers of the National Lumber Manufacturers Association. The Bureau of Census reports for 1926, the latest year for which figures are available, show there were but 1,650 lives lost in burning buildings. The Census figures list separately loss of life due to "burns," which includes scaldings from hot water, playing with fire-works and matches and similar accidents resulting from fire. Total deaths from both causes are approximately only one-half of the usual estimate attributed to fire casualties.

Of 60 causes of deaths, for which statistics are collected by the Bureau, casualties due to fires in building rank 55th. Puerperal septicemia, a preventable disease, causes nearly four times as many deaths annually; accidental falls ten times as many and automobile accidents sacrifice more than twelve times as many lives as are lost in burning structures. The currently available Census figures, from which these estimates are deduced, cover 89.8 per cent of the estimated population of the United States.

An independent survey recently reported by the fire casualties committee of the National Fire Waste Council gives the annual loss of life due to fire as 4,972. This survey covered nine states hav-

ing a population of more than 34,000,000. The loss of life due to fire was found to be 56.8 per million population during the winter months and 33.5 during the summer months. The annual death rate was 45.2 per million or less than 5,000.

The U. S. Chamber of Commerce in its 1927 fire prevention contest received reports from 279 cities having a combined population of about 25,000,000. The number of lives lost due to fires was reported as 330. On the basis of this survey, the total number of fire casualties for 1927 for the entire country would approximate 1,650, a number equal to the figure reported for the preceding year by the Department of Commerce. In the light of these three surveys, it would appear, according to the engineers of the National Lumber Manufacturers Association, that the 15,000 estimate is considerably out of line with the facts.

HOW LONG WE LIVE

Dr. J. M. Dodson of the American Medical Association says that bookkeepers win the race from cradle to the grave with an average of 36.5 years; doctors 62 years; railroad trainmen, 37.4; plumbers, 39.8; machinists, 42.9; painters, 48.6; coal miners, 51.3; laborers, 52.8; masons, 55.8; farmers, 58.5. The average American life is 47 years.

CUT THROAT COMPETITION RESULT OF METHODS PRACTICED BY OWNERS

"How price cutting, bid peddling and cut throat competition, initiated by the owner, first practiced on the general contractor and then pursued on down the line through subcontractors and material dealers, is cited by Julius Kahn, president of the Tuscon Steel Company, in a recent article in "The Nation's Business." Extracts from his article follow.

—EDITOR.

"I have seen cases where purchasing agents have deliberately printed letterheads of rival companies, made up fictitious propositions, forged the names of competitors, changed dates, changed figures, anything to deceive the seller, to urge him to lower his figure. I was advised only recently regarding the workings of a certain modern, so-called very successful purchasing agent. It may be interesting to tell the story.

Business of Bid Cutting

"A very important railroad had let a contract to a contracting company. It had asked this company to meet the price quoted by the lowest bidder and thereby reduce its own figures by some \$90,000. It advised him in so doing that if any minor changes were needed in the specifications to reduce the cost the railroad would gladly concede the changes. Thereupon, the contractor employed a purchasing agent with a reputation for shrewdness. One of his very first acts was to set a number of steel bidders against each other. One of his first successes was in inducing an important national steel company to reduce its figure by \$91,000. He took one trade at a time and by the usual methods, legal according to modern society rules, he manipulated the subcontracts until he had made a saving which at the time I write amounted to \$250,000.

"One instance of his methods will illustrate my point, and I am using another trade than that really involved. The original low figure on plumbing and heating combined was \$118,000, which allowed a reasonable amount for material, labor, overhead and profit. The subcontractor was eager to get the job, willing in fact to take the work at cost with only a small amount for overhead and no profit. He was hammered down to \$90,000 under the impression that he was being allowed to meet a competitor's figures and to gratify the railroad's desire that he get the contract. At this point, he was asked to divide the figure into plumbing and heating and he divided them arbitrarily, \$55,000 for one, \$35,000

for the other. The nearest competitive figures which the purchasing agent had for plumbing was \$42,000 and for heating \$57,000.

"He then went to the low man on heating, the \$57,000 bidder, and worked the play in about this fashion.

Bad Ethics or Good Business?

"You, of course, realize that you are not low and that I have many figures that are lower than yours. But the railway wants you to have the job and I am willing to let you meet the low figure. Here is a combined figure on plumbing and heating of \$90,000 (and he shows him the written offer). Here, also, is my lowest bid on plumbing alone (and he shows him the \$42,000 bid). If you will take the heating job for \$48,000, that is your competitor's combined figure of \$90,000, less my figure on plumbing, the job is yours."

"The contractor swallowed the argument, took the contract at \$48,000, cutting his figure \$9,000 bitter at his competitor who was supposed to have put in a figure of \$48,000, which was below cost to a point where a friendly discussion between competitors was absolutely impossible. The purchasing agent then turned to the heating contractor and offered him the heating job at \$35,000, the amount he had allowed in his reduced combined bid. He intended to make the combined purchase for \$48,000 plus \$35,000, or \$82,000, for what was actually worth \$118,000.

"He was not successful with the heating contractor who turned down the offer. I don't know at this moment at what price the purchasing agent actually placed the heating contract.

"But what is the use of the industrialist worrying and heaping all bitterness on the purchasing agent?

How Valuable Is Competition?

"Competition sharpens our wits; it strengthens our mental fibre, it creates the solid substance. Incidentally, however, when misapplied, it also kills. Warfare is competition in its keenest form, and we cannot justify war because it primes a nation to its greatest activity, produces wealth, skill, brings forth our greatest men. The success achieved isn't worth the price."

"Is it necessary because competition sharpens our wits, that one man should crush another, that might should make right, that the strong should hold down the weak? Is there not plenty of room for all?"

packed with specific facts and figures including valuable data obtained from owners on initial costs and upkeep expense. It is written for the busy man and can be read in 20 minutes.

"Plain Talk About Concrete Floors" is published by The Master Builders Company, Cleveland. Copies are supplied gratis to engineers, architects, contractors and building owners and operators.

QUEBEC RETAILERS INCREASE PRICE OF HARD AND SOFT LUMBER

The price of both hard and soft lumber will be increased, it is announced at Montreal, Canada, by Arthur McLaurin, president of the Montreal Retail Lumber Dealers' Association. Lumber today is entirely out of line with prices, compared with other commodities, according to McLaurin. The price of softwoods will be increased, McLaurin says, between four and seven dollars per thousand feet and that of hardwoods between ten and fifteen dollars per thousand feet.

Quoting L. W. Halliday, president of the Province of Quebec Retail Lumber Dealers' Association, on the reason for the increase the "Canada Lumberman" says:

"Dealing with the causes for the increases both in hardwoods and softwoods, Mr. Halliday said that the cut in spruce had decreased during the past season by at least 20 per cent, while he put the decrease in the cut of pine at 25 per cent. Further than that, adverse weather conditions had proved a large factor in the cutting of softwoods, besides which a big proportion of spruce was being used in the pulp and paper industry, the operators finding the outlet of lumber through the pulp and paper trade more profitable than using the wood as sawn lumber. In connection with hardwoods, while the cut had increased the demand had been considerably greater than the supply, at least for some grades. This had been due to a great extent to the fact that practically all American automobile coach builders were again turning to wood in the construction of bodies."

HARDWOOD FLOOR CONTRACTORS ISSUE STATEMENT

The Association of Hardwood Floor Contractors of Oakland in a recent statement says:

"In order to obtain high-grade lumber and to bring about a closer understanding between the original source of supply, and the practical ultimate user, a buying corporation was formed some time ago and financed by members of the Hardwood Floor Contractors Association. This elimination of extra channels brought about a better understanding and caused the production of better hardwood flooring lumber to meet the conditions in this particular territory. And, to further stabilize conditions, members are required to pay cash with order for deliveries from their Corporation stocks. This move alone has made a vast saving to the building public.

"Many other progressive steps have been taken: A study of ventilation, sub-floors, and paper in respect to construction and health conditions was made. Color harmony; public protection against liens and inferior installations; merchandising methods, and many other important subjects have been analyzed.

"The Hardwood Floor Contractors Association of the Eastbay hold regular meetings. Vital points for the advancement of hardwood floors and their relations to the scheme of the entire building are discussed. The public is kept advised on various conditions."

Sawmill of the Nibley Stodard Co., at Cromberg, Plumas county, was destroyed by fire May 29. Planing mill, boiler room and lumber stocks were saved.

Modesto reports May building operations totaling \$93,180 as compared with \$56,035 for the same period in 1927.

MASTER BUILDERS COMPANY GIVES PLAIN FACTS ON CONCRETE FLOORS

That the unsatisfactory service rendered by many concrete floors is the result of a mistaken idea in the minds of their owners, is the theme of a book just published entitled "Plain Talk About Concrete Floors." The idea which is responsible for all the trouble, according to the authors, is the attitude that because concrete floors are inexpensive they are "cheap" and, therefore, the lowest bid is the best bargain.

That the economical floor in the long run is the one which is laid with sound, tested materials by skilled workmanship and that later up-keep is inversely proportional to the initial care, is the book's theme. To prove their conclusions, the authors conducted an extensive survey of actual plant floors of various types and have obtained reports from over one hundred and twenty plant engineers in their experiences with cement floor finishes.

For 20 years engineers and builders have been trying to lay floors that will stand up under modern industrial traffic.

"Plain Talk About Concrete Floors" reviews the principal methods that have been used and sums up their relative efficiencies based on the surveys of actual floors and the reports of engineers mentioned.

The Engineering Laboratories of the Ohio State University have co-operated in supplying the information by reporting extensive abrasion tests of cement floor finishes of different types. It is interesting and important to find that the materials and methods which have rendered the most satisfactory and economical service in actual industrial use are found the most efficient by the laboratory investigators.

The book has approximately 40 pages and carries over 50 illustrations. It is

Building News Section

APARTMENTS

LOS ANGELES, Cal.—Bessolo & Gualano, Inc., 349 Pacific Electric Bldg., have contract to erect a 5-story apartment building at 1544 Golden Gate Ave., J. E. Saffell; 32 apartments, 60x104 feet; brick construction; \$100,000.

LOS ANGELES, Cal.—Architect L. A. Bryant, 700 S. La Brea Ave., taking bids for 5-story steel frame apartment building at 1750 Serrano St., for Chateau Holding Corp.; 138 rooms, 26 apartments, L-shaped, 43x115x94 feet. Cost \$150,000.

Contract Awarded
APARTMENTS Cont. Price, \$15,961
SAN FRANCISCO. NW Moraga St. and Twelfth Ave.
Two-story and basement frame and stucco apartment building (3 apts.)
Owner—Mrs. Roy N. Francis, Humboldt Bank Bldg., San Francisco, Humboldt Architect—Bos & Quandt, Humboldt Bank Bldg., San Francisco.
Building permit applied for.
Contractor—V. W. Rundquist, 338 Chicago St.

Sub-Bids Being Taken
APT. BLDG. Cost, \$60,000
SAN FRANCISCO. NW Francisco and Broderick Sts.
Three-story and basement frame and stucco apartment bldg. (12 apts.)
Owner and Builder—E. J. Wade, 1827 Golden Gate Ave.
Architect—Irvine & Ebbets, Cal Bldg.

SAN FRANCISCO—W. J. Burke, 200 Davis St., has been awarded the contract for Roos Column Clamps by Marcus Marcussen, owner and builder, in connection with the construction of a ten-story apartment building being erected on the west side of Stockton street, between Pine and California Sts. Plans were prepared by Architect H. C. Baummann, 251 Kearny St.

LOS ANGELES, Cal.—Luther T. Mayo, Inc., 829 Black Bldg., is taking subbids for 8-story class A apartment at 425 N Rossmore Ave. for Les Tours Bldg. Corp.; Arthur E. Harvey, architect, 823 Black Bldg.; 140x215 feet; 301 rooms divided into 47 units; steel frame, reinforced concrete walls; \$1,000,000.

LOS ANGELES, Cal.—Bessolo & Gualano, Inc., 349 Pacific Electric Bldg., completing plans for 5-story apartment to be erected at 1848 N Gramercy Place under the supervision of Paul Johnson; 101 rooms, 47 apartments, 60x141 feet, brick construction; \$150,000.

LOS ANGELES, Cal.—Lee Callahan & Sons, Lee Callahan, architect, 718 Edwards-Wildy Bldg., have contract to erect a seven-story and basement Class A apartment at Eighth St. and Serrano Ave., for Norman Gables, Inc.; 110 single double, 3, 4 and 5-room apartments, service rooms, large lobby, ballroom, dining room and kitchen facilities, etc., 121x142 feet, steel frame construction, reinforced concrete.

LOS ANGELES, Cal.—J. P. Stein, 610 Commercial Exchange Bldg., has contract for 5-story Class B apartments, 75x136 feet, at 510 S. Kenmore Ave. for J. R. Kerr. Plans by C. Waldo Powers, 608 Hibernian Bldg.; 153 rooms divided into 70 apartments; brick and steel frame construction; \$150,000.

To Be Done By Day's Work
APT. BLDG. Cost, \$50,000
SAN FRANCISCO. SW Chestnut and Divisadero St.
Three-story and basement frame and stucco apt. bldg. (21 apts.)
Owner and Builder—Lincoln Builder's Co., Russ Bldg.
Architect—Glass & Devercaux, 57 Post St
Building permit applied for.

Sub-Bids Being Taken
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Oakland Ave. near Harrison St.
Three-story frame and stucco apartment building, 24 2-room apts.
Owner—E. Field.
Architect and Mgr. of Const.—E. J. Field, American Bank Bldg., Oakland.

Plans Ready for Bids in One Week
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Location withheld, 80x186 feet.
Three-story frame and stucco apartment building (60 2 and 2-room apts.)
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

Plans Ready For Bids in One Week
APARTMENTS Cost, \$70,000
OAKLAND, Alameda Co., Cal. Location withheld, 111x108 feet.
Three-story frame and stucco apartment building (70 rooms of 2 and 3-room apts.)
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St., Oakland.

LOS ANGELES, Cal.—J. D. Stein, builder, 610 Commercial Exchange Bldg., applied for building permit to erect a 5-story, 153-room, 70-family apartment house, 75x136 feet, at 510 S. Kenmore Ave. for J. R. Kerr; C. Waldo Powers, architect, 608 Hibernian Bldg.; steel frame, brick walls; cost, \$150,000.

PORTLAND, Ore.—S. E. Henderson, Inc., West Bond and Mortgage Bldg., granted building permit to erect three-story and basement concrete apartments at 19th and Irving Sts.; estimated cost \$150,000. Building will be erected by day work.

Owner Taking Bids
APARTMENTS Cost, \$50,000
SAN FRANCISCO. Thirty-sixth Ave. & Balboa St.
Three-story frame and stucco store and apartment building (three stores, 32 rooms and garage).
Owner—Mr. Lamong, 2438 Fillmore St.
Engineer—Thos. J. Keenan, 386 15th St., Oakland.

SOUTH PASADENA, Los Angeles Co., Cal.—Bessolo & Gualano, 349 Pacific Electric Bldg., Los Angeles, completing working plans and will erect a 4-story Class C apartment at Oak St. and Fremont Ave., for J. R. Woodward, 1835

Fremont Ave., South Pasadena; 48 single and double apartments; brick construction; \$150,000.

PHOENIX, Ariz.—Orndorff Construction Co., 247 N. Western Ave., has contract to erect a four-story brick apartment and two two-story brick store and office buildings at Central Ave. and Roosevelt St. for H. Jerome Toy Co.; cost, \$200,000. Plans prepared by H. D. Frankfurt, Phoenix.

Contract Awarded
APARTMENTS Cost, \$35,000
SAN FRANCISCO. S. California St., 138 W. Lyon.
Three-story and basement frame and stucco apartment bldg. (12 apts.)
Owner—Highland Lumber Mills, Inc., 16th and Texas Sts.
Architect—David C. Coleman, 110 Sutter Street.
Contractor—Chas. D. Grandeman, 16th & Texas Sts.
Building permit applied for.

BONDS

BAKERSFIELD, Kern Co., Cal.—Election will be held June 21 in Bowerbank School District to vote bonds of \$33,000 to finance erection of new school. Trustees of district are: Peter Vitelle, Frank Rice and P. D. Van Neman.

SAN JOSE, Santa Clara Co., Cal.—Board of Education sets June 5 to vote tax of \$50,000 to finance installation of modern plumbing equipment in elementary schools.

BAKERSFIELD, Kern Co., Cal.—Election will be held June 20 in Lerdo School District to vote bonds of \$20,000 to finance erection of new school. Trustees of district are: W. K. Lee, E. A. Williams and Dave W. Smith.

SPRINGVILLE, Tulare Co., Cal.—Springville School District votes bonds of \$17,000 to finance purchase of site and erection of new school.

VISALIA, Tulare Co., Cal.—Board of Education will call special meeting to consider proposed building program to meet increased school demands. Additions to the present structures and new structures are contemplated. Bonds will probably be voted to finance.

LOS ANGELES, Cal.—Architects H. M. Patterson and R. L. Warren, 681 Chamber of Commerce Bldg., taking bids for church auditorium to be erected on West Adams St. for West Adams Presbyterian Church; 60x140 feet and will seat approximately 1000; reinforced concrete walls, steel trusses; \$85,000.

SAN JOSE, Santa Clara Co., Cal.—Election will be held June 18 in Purissima School District to vote direct tax of \$800 to finance school improvements.

TEHAMA, Tehama Co., Cal.—Tehama School District votes bonds of \$15,000 to finance erection of new school to replace structure destroyed by fire. Frederick S. Harrison, Peoples Bank Bldg., Sacramento, architect.

SANTA ROSA, Sonoma Co., Cal.—Until June 28 bids will be received by county supervisors for purchase of \$8,000 bond issue of American Valley Joint School District; proceeds of sale to finance erection of new school.

BAKERSFIELD, Kern Co., Cal.—County supervisors sell \$300,000 bond issue of Kern County Union High School District for premiums of \$6,103; proceeds of sale to finance school construction. Chas. Riegar, Bank of Italy Bldg., Bakersfield, architect.

Orders-Inquiries

60
pages

Send
for
FREE
Copy



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.

Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy

R. L. POLK & CO., Detroit, Mich.

Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

SQUAW VALLEY, Fresno Co., Cal.—Squaw Valley School District votes bonds of \$4,000 to finance erection of new grammar school.

CHURCHES

Plans Ready For Bids Next Week.

CHURCH Cost, \$—
REDWOOD CITY, San Mateo Co., Cal.—One-story and balcony frame and stucco church building (seating capacity, 250).

Owner—Christian Science Society of Redwood City.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Working Drawings Being Prepared

CHURCH BLDG. Cost, \$12,000
ALAMEDA, Alameda Co., Cal. SW High and Van Buren Sts.

One-story frame and stucco church bldg. Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.

Sub-Contracts Awarded

CHURCH Cont. Price, \$89,500
OAKLAND, Alameda Co., Cal. Twentieth and Fairmount Aves.

One and two-story reinforced concrete church building.

Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin Street, Oakland, and Bank of Italy Bldg., San Jose.

Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Grading—Ariss Knapp Co., 961 41st St., Oakland.

Structural Steel—Schradner Iron Works, 1247 Harrison St., San Francisco.

Mill Work—Lannom Bros. mfg. Co., 5th and Magnolia Sts., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Ornamental Iron—Frauneger Ornamental Iron Works, 355 8th St., Oakland.

Rough Lumber—Sunset Lbr. Co., Ft. of Oak St., Oakland.

Finish Hardware—Builder's Hdw. Co., Inc., 2081 Franklin St., Oakland.

Roofing—Erckardt and Ferrabee, 354 Hobart St., Oakland.

Painting—Jos. Burdon & Con, 354 Hobart St., Oakland.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Plumbing and Heating—Scott Co., 112 10th St., Oakland.

Cast Cement—V. D. Russo Co., 2227 E 14th St., Oakland.

Terrazzo Work—Oakland Concrete and Terrazzo Co., 2227 Market St., Oakland.

Glass and Glazing—East Bay Glass Co., 369 5th St., Oakland.

FRESNO, Fresno Co., Cal.—Trinity Methodist Episcopal Church authorized by Board of Church Extension to secure loan of \$10,000 to be added to \$40,000 to finance erection of first unit of new edifice at Van Ness and University Aves. Rev. J. Earl Vandagriff is pastor.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Architect Robert H. Orr, 1300 Corporation Bldg., Los Angeles, taking general contract bids for 3-story frame and stucco Sunday school for First Presbyterian Church. Following are figuring the job: J. W. Smith, 1055 Pacific Ave., San Luis Obispo; Theo. Maino, 1414 Mill Ave., San Luis Obispo; O. F. Eccles, 1720 Johnson Ave., San Luis Obispo; Saverio Guidara & Son, 1836 Fremont Ave., South Pasadena; Anton Johnson, San Francisco. Will contain classrooms, assembly hall, and social hall and kitchen facilities; plaster exterior, tile and composition roofing; \$50,000.

RENO, Nev.—Trinity Episcopal Church has bids under advisement and will shortly award a contract for \$50,000 church to be erected at Island Ave. and Rainbow St. Will be concrete construction with cement plaster exterior and tile roof. Basement will provide Sunday school quarters. F. J. De Longchamps, Gazette Bldg., Reno, Architect.

LOS ANGELES, Cal.—Arnold A. Zeitman, 1017 Hibernian Bldg., preparing plans for Class A temple and school to be erected on Centennial St for Beth Israel Congregation; 100x300 feet, with a dome 100 feet in height, auditorium to seat 1100, chapel to seat 300; reinforced concrete or steel frame construction; \$300,000.

Preliminary Estimates Being Taken—To Be Opened June 6th.

CHURCH BLDG. Cost, \$60,000
OAKLAND, Alameda Co., Cal. Fruitvale Ave. and Seventeenth St.

One-story reinforced concrete church building.

Owner—Third Church of Christ Scientist. Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Engineer—W. L. Huber, First National Bank Bldg., San Francisco.

SAN DIEGO, Los Angeles Co., Cal.—Architect Frank L. Hope Jr., Spreckels Bldg., San Diego, has been commissioned to prepare plans for a large church building to be erected at 3885 30th St., San Diego, for the Roman Catholic Bishop of Los Angeles and San Diego, St. Patrick's Parish, Rev. John Daley, 3883 30th St., San Diego, pastor; the proposed new church will cost approximately \$85,000 and will probably be of Class A construction with a seating capacity of about 500 people. Details of construction will be worked out in the near future.

EAGLE ROCK, Los Angeles Co., Cal.—Meyer & Holler, 3rd Floor, Wright & Callender Bldg., Los Angeles, have been commissioned to prepare plans and have been awarded the contract for the erection of a new church building, at the corner of Merton St. and Elmwood Dr., Eagle Rock, for the Sixteenth Church of Christ, Scientist; the proposed church will have a seating capacity of approximately 700 people, and will also contain Sunday school classrooms, reading rooms, offices, and restrooms. It is understood that the cost of the new building will be about \$50,000 and that the construction will be of masonry with brick and plaster facing, etc. The details of the construction will be decided at once. Preliminary plans are now being prepared.

GLENDALE, Los Angeles Co., Cal.—Architect Clinton Nourse, 110 American Bank Bldg., Los Angeles, is completing working drawings for a one-story and basement chapel, 70x100 feet, to be erected at 1509 E. Wilson St., Glendale, for the Glendale Sanitarium. The site is being excavated and construction will be carried on by day labor and sub-contract under the supervision of Mr. Falkenburg, who may be found on the job. The building will contain an auditorium to seat 500 and Sunday school rooms; concrete basement, frame and stucco construction.

ANAHEIM, Orange Co., Cal.—Anaheim Presbyterian Church, Frank N. Gibbs, president of the board of trustees, has disposed of its present church and is making arrangements for the erection of a new edifice at the corner of Broadway and Clementine St., Anaheim. The exact time for starting work has not been determined. Architect H. M. Patterson, 681 Chamber of Commerce Bldg., Los Angeles, drew plans for the structure over two years ago. These plans included a church unit, 56x136 feet, and a Sunday school unit, 55x104 feet, containing an auditorium to seat 700, classrooms, assembly hall, social hall and a kitchen-nursed brick exterior. Cost \$100,000.

FACTORIES & WAREHOUSES

PETALUMA, Sonoma Co., Cal.—Poultry packing plant of Stewart & Murray destroyed by fire with loss of \$20,000 covered with \$8000 insurance. Will be rebuilt immediately. Frame construction.

LIVE OAK, Sutter Co., Cal.—Construction has been started on the first unit of a cannery for George W. Beale Sr. and Geo. W. Beale Jr. in the south side of Ivah St. at intersection with tracks of Sacramento Northern R. R. Will be 60 by 40 ft., est. cost \$20,000. Other units are to be undertaken at a later date.

SISKIYOU COUNTY, Cal.—Until June 11, 2 P. M. bids will be received by H. S. Conly, district engineer, State Highway Commission, Redding, to erect foreman's cottage, bunkhouse, truckshed,

blacksmith shop, woodshed, oil house and septic tank at Ft. Goff Creek Maintenance Station in Siskiyou county. Bids previously received rejected. See call for bids under official proposal section in this issue.

Permit Applied For

WAREHOUSE Cost, \$40,000
BERKELEY, Alameda Co., Cal. 2990 San Pablo Ave.

One-story class C warehouse. Owner—H. J. Heinz Corp., 2990 San Pablo Ave., Berkeley.

Architect and Contractor—Austin Co., 720 Ray Bldg., Oakland.

To Be Done by Day's Work

ICING PLATFORM Cost, \$—
SANTA CLARA, Santa Clara Co., Cal. Southern Pacific Yards.

Icing platform, 1320 feet long. Owner—Southern Pacific Co., 65 Market St., San Francisco.

Architect—Eng. Dept. of Owner.

PETALUMA, Sonoma Co., Cal.—Vogensen Const. Co., Petaluma, awarded contract by Gus Zitlau, operating U. S. Bakery, to erect one-story brick addition to present baking plant, 22 by 40 feet.

Low Bidder

PACKING PLANT Cost, \$9,000
EAST PETALUMA, Sonoma Co., Cal.

One-story reinforced concrete packing plant (65x120 feet).

Owner—Poultry Producers of Central California, 700 Front St., San Francisco.

Engineer—H. R. Spaulding, 898 Folsom St., San Francisco.

Low Bidder—S. J. Weeks, Vallejo.

DELANO, Kern Co., Cal.—Cotton gin in the Pond district, destroyed by fire last year, will be rebuilt by the Globe Grain & Milling Company. Machinery now in the Hanford plant will be installed in the new structure.

CROMBERG, Plumas Co., Cal.—Sawmill of the Nibley Stoddard Co., destroyed by fire May 29. Will be rebuilt. Loss partially covered by insurance.

WENDEN, Ariz.—The Wenden Copper Mining Co., owners of property located in the Cunningham Pass district, about 9 miles northwest of Wenden in northern part of Yuma County, is having plans prepared for a mill and reduction plans on which work is to be started not later than October.

Contract Awarded.

FACTORY Cost, \$—
SAN LEANDRO, Alameda Co., Cal.

Williams and Martinez Sts. One-story frame factory building.

Owner—Muller Bros., 202 Grove St., Oakland.

Architect—Hugh White, Syndicate Bldg., Oakland.

Contractor—F. A. Muller, Syndicate Bldg., Oakland.

Concrete Contract Awarded

WAREHOUSE Cost, \$60,000
OAKLAND, Alameda Co., Cal. Fourth St. east of Harrison.

Three-story and basement class B reinforced concrete warehouse (65x110 feet).

Owner—Oakland Wholesale Grocery Co., Inc., 4th and Harrison Sts., Oakland.

Engineer—Norman B. Green, Sharon Bldg., San Francisco.

Contractor—F. R. Siegrist, 692 Mission St., San Francisco.

Concrete—Adam Ariss Co., 185 Stevenson St., San Francisco.

LOS ANGELES, Cal.—Los Angeles Compress & Warehouse Co., owner, San Pedro, granted building permit for one-story Class A concrete warehouse at 22nd and Signal Sts.; Robt. J. Cummings, consulting engineer, Houston, Tex.; 150x750 feet, concrete slab roof and floor, skylights; \$500,000.

SAN LEANDRO, Alameda Co., Cal.—C. L. Saunders has purchased plant of Family Service Laundry at Davis and Ward Sts., and plans immediate erection of a \$200,000 plant to replace the present buildings.

FRESNO, Fresno Co., Cal.—Valley Body and Radiator Co. plant destroyed by fire with loss of \$50,000.

KINGSBURG, Fresno Co., Cal.—W. J. Portland, 1504 4th First St., Fresno, business manager for the Sun Ripe Co., Inc., recently organized, is seeking a site in Kingsburg on which to erect a fruit packing plant.

Sub-Contracts Awarded
WAREHOUSE Cost, \$175,000
SAN FRANCISCO. N Paul Ave., E San Bruno.

Three-story reinforced concrete warehouse.
Owner—D. M. Ferry & Co., 59 Front St. Architect—Albert Kahn, Marquette, Detroit, Mich.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

Plumbing, Heating and Electrical Work—Latourrette Fical Co., 699 4th St., Oakland.

Sprinkler System—Fire Protection Engineering Co., 142 Sansome St., S. F.

Flooring—Pacific Redwood Floor Co., 311 California St., San Francisco.

Lumber—San Francisco Lumber Co., Ft. of Mason St., San Francisco.

Glass—Cobbledick Kibbe Glass Co., 666 Howard St., San Francisco.

Steel Sash—Detroit Steel Products Co., 417 Market St., San Francisco.

Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.

Elevators—Spencer Elevator Co., 166 7th St., San Francisco.

Ornamental Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.

As previously reported, reinforcing steel awarded to Badt Falk & Co., 74 New Montgomery St.; brick work to Mealey and Collins, 666 Mission St.; rock, sand and gravel to Associated Gravel Co., 704 Market St.; miscellaneous iron to Fair Mfg. Co., 617 Bryant St.

VERNON, Los Angeles Co., Cal.—Pozzo Construction Co., 421 Macy St., awarded contract for excavating and reinforced concrete work for the erection of a group of factory buildings at 3101 Fruitland Ave., Vernon, for the Illinois-Pacific Glass Co. The buildings will be of steel frame and corrugated iron construction and will cost about \$400,000. Plans prepared by P. D. Burtt, chief engineer of Illinois-Pacific Glass Co.

REDWOOD CITY, San Mateo Co., Cal.—Redwood City Daily Tribune, Geo. F. Morell, publisher, 223 Main St. has purchased site in Webster St. on which it is proposed to erect a modern newspaper publishing plant; will be 60 by 100-ft. Construction, however, will not be started for at least one year.

LOS ANGELES, Cal.—Architects Curlett & Beelman, 1020 Union Bank Bldg., taking bids for a service building at Eighth and Towne Ave. for Firestone Tire & Rubber Co.; one-story and part two-story with part basement; 80x182 ft., steel frame construction, reinforced concrete walls, floors and roof.

BURBANK, Los Angeles Co., Cal.—Lockheed Aircraft Co. will erect an addition to its factory at Burbank; will be 50x200 ft. and of frame and corrugated iron and brick construction.

OAKLAND, Cal.—Until June 11, 5:30 P. M., bids will be received by C. B. Hegardt, Secty., City Port Commission, 424

Oakland Bank Bldg., to fur. and install electric wiring for light and power at Hangar No. 3 at Municipal Airport. Cert. check 10% req. with bid. Plans obtainable from Secty. on deposit of \$5, returnable.

TURLOCK, Stanislaus Co., Cal.—Tidewater Southern Co., granted building permits by city to erect four packing sheds in B and A streets, 3 costing \$6000, two of which will by 32 by 100 ft. and one 30 by 260 ft. Fourth shed will be 60 by 300 ft. and will cost \$14,000.

RICHMOND, Contra Costa Co., Cal.—Pacific Piling and Construction Co., Los Angeles, has leased three acres of the Ellis Landing and Dock Co. tract in the inner harbor and will expend \$50,000 in the construction of a plant for the manufacture of treated concrete piles.

FLATS

To Be Done by Day's Work
FLATS Cost, \$10,000
SAN FRANCISCO. N Bay St. 110, 4th 6 in. E Leavenworth St.
Two-story and basement frame and stucco flat bldg. (2 flats).
Owner and Builder—Chas. J. U. Koenig & Son, 520 Church St.
Architect—None.
Building permit applied for.

GARAGES

Bids In-Under Advertisement
GARAGE BLDGS. Cost, \$10,000
SAN FRANCISCO. Leavenworth and Greenwood Sts.
Eight 1-story reinforced concrete garage buildings.
Owner—Greenwich Community Apts.
Architect—F. W. Daken, 310 California.
Contract will be awarded within one week.

Sub-Contracts Awarded
GARAGE Cost, \$40,000
SALINAS, Monterey Co., Cal. Aisal and Monterey Sts.
One-story steel frame and concrete garage building (100x200 feet).
Owner—F. E. Heple.
Architect—W. R. Campbell, Salinas.
Contractor—F. R. Siegrist Co., 693 Mission St., San Francisco.

Sand and Gravel—J. F. Lundsford, Salinas.
Plastering—M. P. McGulre, Salinas.
Steel Sash—Truscon Steel Co., Sharon Bldg., San Francisco.
Plumbing and Sheet Metal—B. E. Underwood, Salinas.
Roofing—Tynan Roofing Co., Salinas.
As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

LONG BEACH, Cal.—An item of \$112,000 for a municipal garage at 7th St. and California Ave. has been included in 1928-29 budget. Plans will probably be prepared by the city public service department. Walter R. Fleming, director.

VALLEJO, Solano Co., Cal.—L. M. Dudley, Inc., has purchased property at NE Kentucky and Sonoma Sts., and will erect public garage. Site has frontage of 130 feet in Sonoma St.

Plans Completed
GARAGE Cost, \$10,000
EAST OAKLAND, Alameda Co., Cal.
One-story brick and hollow tile garage building, 40x100 ft.
Owner and Builder—Jacobs & Pattison, 1737 Webster St., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Sub-bids will be taken shortly.

GOVERNMENT WORK AND SUPPLIES

NYSSA, Ore.—Helt and O'Donnell, 40 First St., Portland, Ore., at \$12,327 submitted low bid to U. S. Reclamation Service to const. 19-mi. of 66,000-volt single circuit wood pole transmission line and 12-mi. single-circuit telephone in vicinity of Adrian and Nyssa, Ore. Other bids,

all taken under advisement, were: Ganss and Goss, Boise, Idaho, \$19,817; Harrison-Wright Construction Co., \$22,990; Severin Electric Co., San Francisco, \$27,500; Hartenbower Bros., Boise, Idaho, \$28,000; General Construction Co., Seattle, \$39,425.

DENVER, Colo.—Until June 29, 3 P. M., bids will be received by U. S. Reclamation Service, Denver, to furnish one 64x14.5-ft. drum gate, with girders, plates and anchor bolts; two 4.8x6-ft. sluice gates and trash rack; structural steel for Easton Diversion Dam, Kittitas Division, Yakima Project Washington, under Specification No. 477. Plans obtainable from above office.

SAN FRANCISCO—The following bids were received by the Constructing Quartermaster, Fort Mason, for constant boundary wall at Presidio of San Francisco: Eastman & Moffatt, 2919 California, \$14,500; Rath Construction Co., 4444, \$14,500; C. W. & H. H. Haun, 5052, \$14,500; Clancy Bros., 5504, \$14,500; Adam Ariss Co., 6070, \$14,500; Roy Lind, 6429, \$14,500; George W. Baker, 6598, \$14,500; Alexander C. Anderson, 6900, \$14,500; Smiley & McArthur, 6940, \$14,500. Bids taken under advisement for a day.

MARCH FIELD, Riverside Co., Cal.—Until June 21, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, to erect one combined headquarters and operation building, one photo building, one radio building, one parachute and armament building, one paint, oil and dope warehouse. Plans for this work obtainable from Constructing Quartermaster at March Field on deposit of \$25; returnable, and on file in office of Constructing Quartermaster at Fort Mason, San Francisco. See call for bids under official proposal section in this issue.

BENICIA, Solano Co., Cal.—Until June 14, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, San Francisco, to lay concrete masonry floors in Artillery Storehouse No. 71 at Benicia Arsenal. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Until June 21, 11 A. M., under Order 9787, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. wharf, Sacramento, 5 coils of Manila rope, 2 coils of 6-in. 3-strand, 2 coils 5½-in. 3-strand and 1 coil 4½-in. 3-strand.

BENICIA, Solano Co., Calif.—Until June 14, 11 a. m., bids will be received by Constructing Quartermaster, Fort Mason, San Francisco, for road repairs at Benicia Arsenal. See call for bids under official proposal section in this issue.

PEARL HARBOR, T. I.—W. J. Burke, 200 Davis St., San Francisco, has been awarded the Williams Form Clamp contract by C. A. Blume, Honolulu, in connection with the construction of the group of government buildings now under construction at Pearl Harbor, T. I.

SAN DIEGO, Cal.—Until 11 A. M., June 20, bids will be received by Bureau of Yards and Docks, Washington, D. C., for repairs to Dolphins and Fenders, Naval Operating Base (Destroyer Base Air Station and Fuel Depot), San Diego. Work involves repairs to dolphins and to fender systems of piers and quay wall and the pulling of old piles all complete. Specifications No. 5614, obtainable on deposit of \$10, from Geo. A. McKay, Captain (C. E. C.), U. S. N., Public Works Officer.

SAN FRANCISCO—Until June 11, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for repairs to slate roofs, gutters, downspouts, etc., on one barrack building and two sets of officers' quarters at Fort Miley. See call for bids under official proposal section in this issue.

FORT ROSECRANS, Cal.—Until June 15, 10 A. M., bids will be received by Constructing Officer, Q. M. Corps, to reconstruct and paint burned portions of

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators

SINCE 1885

374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Barracks No. 15. Further information obtainable from above office.

VALE, Ore.—W. H. Puckett Co., Boise, Idaho, at \$261,666 awarded contract by U. S. Reclamation Service, Denver, Colo., for earth work and structures on Vale Main Canal, Vale Project, Ore. Work provided for under Spec. 470.

SAN FRANCISCO.—Following is complete list of bids received in San Francisco by Department of Commerce, under Proposal No. 19430 for construction of airway beacons (bids were also opened in Washington, D. C., and will be published in an early issue):

Item 1, A-type beacon; 2, B-type beacon; 3, D-type beacon; 4, D-Sp. (No. 2); 5, D-Sp. (No. 4 and 10B); 6, 51 ft. electric b'l'k; 7, 20 ft. electric b'l'k; 8, dir. arrows (sk. 3D); 9, 62- ft. tower; 10, 75 ft. tower; 11, 87 ft. tower; 12, No. 10 parkway; 13, No. 8 parkway; 14, boundary lights; 15, obstruction lights; 16, 3-way joint boxes; 17, No. 8 T. B. W. P. wire; 18, No. 6 T. B. W. P. wire; 19a, poles, 20-30 ft.; 19b, 21-40 ft.; 19c, 41-50 ft.; 19d, 51-60 ft.

Alonzo C. Rice, Los Angeles, Cal., item 1, \$390; 2, \$1,050; 3, \$2,500; 4, \$2,083; 5, \$2,375; 6, \$410; 7, \$293; 8, \$125; 9, \$45; 10, \$75; 11, \$115; 12, 20c; 13, 28c; 14, \$13.50; 15, \$112; 16, \$10; 17, 8c; 18, 9c; 19a, 90c; 19b, \$110; 19c, \$1.25; 19d, \$1.50; total \$32,593.81.

Newbery Elec. Corporation, Los Angeles Cal., item 1, \$418; 2, \$381; 3, \$2,743; 4, \$2,352; 5, \$2,573; 6, \$231; 7, \$223; 8, \$50; 9, \$31.25; 10, \$62.50; 11, \$100; 12, 22c; 13, 30c; 14, \$12; 15, \$12; 16, \$7.20; 17, 10c; 18, 12c; 19a, 90c; 19b, \$1.15; 19c, \$1.35; 19d, \$1.50; total \$33,566.62.

Harrison-Wright Co., Charlotte, N. C., item 1, \$500; 2, \$1,050; 3, \$2,000; 4, \$1,700; 5, \$1,900; 6, \$350; 7, \$375; 8, \$50; 9, \$70; 10, \$75; 11, \$100; 12, 18c; 13, 40c; 14, \$10; 15, \$30; 16, \$15; 17, 10c; 18, 12c; 19a, 50c; 19b, 75c; 19c, \$1.25; 19d, \$2; total \$36,112.50.

San Bernardino Rock and Gravel Co., item 1, \$480; 2, \$905; 3, \$2,995; 4, \$2,600; 5, \$2,895; 6, \$400; 7, \$350; 8, \$40; 9, \$40; 10, \$75; 11, \$150; 12, 21c; 13, 23c; 14, \$15; 15, \$15; 16, \$8; 17, 9c; 18, 10c; 19a, 75c; 19b, \$1; 19c, \$1.25; 19d, \$1.50; total, \$37,899.03.

Muhleman & Kayhoe, inc., Richmond, Va., item 1, \$445; 2, \$950; 3, \$5,335; 4, \$3,055; 5, \$3,165; 6, \$420; 7, \$280; 8, \$78; 9, \$36; 10, \$54; 11, \$90; 12, 17c; 13, 20c; 14, \$12.75; 15, \$15; 16, \$5.50; 17, 6c; 18, 7c; 19a, 85c; 19b, 95c; 19c, \$1; 19d, \$1.10; total \$38,146.

Severin Electric Co., San Francisco, Cal., item 1, \$659; 2, \$1,362; 3, \$3,100; 4, \$3,175; 5, \$3,012; 6, \$582; 7, \$310; 8, \$42; 9, \$36; 10, \$71; 11, \$122; 12, 22c; 13, 25c; 14, \$15; 15, \$26; 16, \$14.10; 17, 9c; 18, 11c; 19a, \$1; 19b, \$1.25; 19c, \$1.50; 19d, \$1.75; total, \$45,945.81.

Lupper & Hawley, Inc., Sacramento, Cal., item 1, \$738; 2, \$1,097; 3, \$3,300; 4, \$3,600; 5, \$2,875; 6, \$766; 7, \$633; 8, \$100; 9, \$75; 10, \$120; 11, \$180; 12, 25c; 13, 28c; 14, \$40; 15, \$35; 16, \$10; 17, 10c; 18, 12c; 19a, \$2.50; 19b, \$3; 19c, \$3.75; 19d, \$4.50; total, \$50,559.38.

Stephenson Const. Co., San Francisco, Cal., item 1, \$604; 2, \$1,454; 3, \$4,187; 4, \$3,196; 5, \$3,845; 6, \$584; 7, \$504; 8, \$60; 9, \$87; 10, \$140; 11, \$227; 12, 99c; 13, 28c; 14, \$26.50; 15, \$17.86; 16, \$20.35; 17, 28c; 18, 31c; 19a, \$1.55; 19b, \$1.37; 19c, \$1.35; 19d, \$1.52; total, \$54,709.72.

Albert Young, Yreka, Cal., item 1, \$873.75; 2, \$1,700; 3, \$4,110; 4, \$3,636; 5, \$3,935; 6, \$614.75; 7, \$340; 8, \$80; 9, \$23; 10, \$75; 11, \$100; 12, 22c; 13, 27c; 14, \$17.50; 15, \$17.50; 16, \$6.50; 17, 15c; 18, 18c; 19a, 85c; 19b, 90c; 19c, \$1.60; 19d, \$1.75; total \$58,550.09.

SAN DIEGO, Cal.—Bids are being received by Bureau of Yards and Docks, Navy Department, Washington, D. C. (date for opening not set) to fur. and install passenger elevators in hospital, Naval Operating Base, San Diego, under Specification No. 5475. Plans obtainable from above on deposit of \$10, returnable. Prospective bidders include: S. Heller Elevator Co., Milwaukee, Wis.; Shepard Elevator Co., Cincinnati; Kimball Bros. Co., Council Bluffs, Ia.; A. Kieckhefer Elevator Co., Milwaukee, Wis.

PHOENIX, Ariz.—Until June 18, bids will be received by Superintendent, Phoenix Indian School, to fur. and del. 7500 bbls fuel oil.

PRATT'S
CONCRETE
MIX

Clarence
Sandy
Pratt



Hilliard E. Welch, Sacramento banker and past grand president of the Native Sons of the Golden West, will be chairman of the general civic committee in charge of the Days of '49 celebration to be held here in the Summer of 1929.

Arthur S. Dudley, secretary-manager of the Chamber of Commerce and secretary of the celebration committee, announced today that Welch had been offered the chairmanship and he had accepted the position. A general meeting of the celebration committee, scheduled for tomorrow night, has been postponed to June 15th, when the nominating committee is expected to submit its recommendations for chairmen of five sub-committees on publicity, program, finance, music and decorations. These chairmen, together with the general chairman and secretary, will comprise the executive committee.

The general committee, which now is composed of two representatives from each civic and fraternal organization in the city, is to be augmented by representatives from other cities in Superior California. Dudley said an invitation will be extended to the mayor and president of the chamber of commerce of each city in the Sacramento region to become members of the committee, as well as a third member to be designated by each community.—Sacramento Bee.

SACRAMENTO WILL
celebrate
IN 1929.
AND SET the clock.
BACK TO 1849.
CLARENCE (SANDY)
Pratt, President.
OF THE Pratt Building
Material Co.
PRODUCER OF clean
sand.
AND CLEAN rock and
gravel.
AT SACRAMENTO,
Marysville.
PRATTROCK (NEAR
Folsom).
PRATTCO (MONTEREY
County).
AND MAYHEW (Sacra-
mento County).
CENTRAL OFFICE—
San Francisco.
WILL BOOST and adver-
tise.
THIS WONDERFUL
celebration.
THAT ALL California.
IS INTERESTED in.
"I THANK you."

Sandy Pratt in his '49 outfit representing Bret Harte's gentleman gambler, Jack Hamlin (see picture opposite) will be at the 1929 celebration. Sandy's hat is over 50 years old and came from Forest Hill, above Placerville. The coat from old Shasta, is 65 years old. The red shirt, gun, windsor tie, boots, gold-headed cane and watch chain is just like Jack Hamlin wore. Every girl and boy will wear their '49 outfits.



PHOENIX, Ariz.—Following bids received by U. S. Indian Officer, to fur. and install one 15-h. p. boiler at Indian Sanatorium:

Item 1, 1 boiler; 2 do delivered.
Erie City Iron Works, Erie, Pa., item 1, \$1850; 2, \$2520; shpt 4 weeks.
Casey-Hedges Mfg. Co., Chattanooga, Tenn., item 1, \$1712, shpt 1 week.
Ames Iron Works, Oswego, N. Y., item 1, \$1665; 2, \$2355; shpt. 30 days.
The Stanwood Corp., Cincinnati, item 1, \$1685; 2, 02294; less 1%, shpt. 15 days.
Penn Boiler Works, Erie, Pa., item 1, \$1610, shpt. 15 days.
Frost Mfg. Co., Galesburg, Ill., item 1, \$1711; 2, \$2290; less 2%, time 3 weeks.
The Brownell Co., Dayton, Ohio, item 1, \$1606 or f. o. b. Dayton, \$1680; 2, \$2370 or \$2343; less 1%, shpt. 30 days.
Kewanee Boiler Corp., Kewanee, Ill., item 1, \$1750; 2, \$2329; less 2%, time 20 days.

SAN DIEGO, Cal.—Until June 20, under Specification No. 5634, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect one-story reinforced concrete building appox. 184 by 25 ft. at Naval Operating Base, San Diego, (air station) Deposit of \$10, req. for plans, obtainable from Bureau.

SAN DIEGO, Cal.—Until 11 A. M., June 13, bids will be received by the Public Works Office, 11th Naval District, for water supply system at the Radio Station, Point Arguello, under specifications No. 5593. The contract work includes: (a) an all-steel windmill, (b) a complete pumping outfit installed in an existing well, (c) concrete foundations for three wood stave tanks, (d) the erection of three wood stave tanks furnished by the government, (e) an aerator on one of the three tanks, (f) three cattle watering troughs and (g) piping connections, all as required to provide a complete water supply system. Plans, etc., may be obtained from the public works officer, San Diego, upon deposit of \$10. Geo. A. McKay, Captain (C.E.C.), U. S. N., public works officer.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 9144, Mare Island and Puget Sound, 16 forced draft blowers and spares, June 12.
Sch. 9159, all yards, fire brick, clay and cement, etc., as required during the fiscal year 1929, June 19.
Sch. 9174, Mare Island, 1 dish-washing machine June 12.
Sch. 9189, Mare Island, 36 motor boat bilge fans and spares, June 12.
Sch. 9190, Mare Island, 2 electric warming ovens, 2 food-baking ovens and spares, June 12.
Sch. 9195, Puget Sound, 5500 ft. terra cotta pipe; Mare Island, 600 ft. do, June 12.
Sch. 9200, Mare Island, sheet steel, June 19.
Sch. 9201, Mare Island, 1500 lbs. aluminum alloy, June 19.
Sch. 9214, western yards, motor ambulances and trucks, June 19.
Sch. 9228, Mare Island, 297,500 lbs. sheet piling, steel, June 12.
Sch. 9231, San Diego, 299 airplane landing wire wheels, June 12.
Sch. 9166, Mare Island and Puget Sound, fuel oil meters, June 12.

HALLS AND SOCIETY BUILDINGS

VALLEJO, Solano Co., Cal.—Veterans' Alliance of Vallejo has taken an option on Cahill property, Marin and Alamaba Sts., on which it is proposed to erect proposed memorial building. It is proposed to erect a structure with auditorium seating 1500, banquet hall seating 750, two lodge halls and clubrooms for both men and women. Construction, however, will not be undertaken until next year, according to present plans. Members of the Building Committee of the organization are: John A. Stone, chairman; Ralph E. Eastman, Elie U. Moore, Chris A. Larsen, John A. Coleman, Fred L. Myer and Edgar L. Sleeth. Jack Thornton is commander of the Veterans' Alliance of Vallejo.

OAKLAND, Cal.—As previously reported, bids will be received June 25, 10:30 A. M., by George E. Gross, county clerk, to fur. and install electric lighting fixtures in Veterans' Memorial Building in Adams Park. Henry H. Meyers, architect, Kohl Bldg., San Francisco. Cert. check 10% payable to clerk req. with bid. Plans obtainable from clerk on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

Bids To Be Taken In One Week.
CLUB BLDG. Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Tenth Street.
One and two-story frame and stucco club building (auditorium seating capacity 670).
Owner—San Jose Women's Club.
Architect — Wolfe & Higgins, Realty Bldg., San Jose.

LOS ANGELES, Cal.—Architects Hunt & Burns, 701 Laughlin Bldg., have completed plans and are taking bids from a selected list of bidders for a three-story and basement Class C lodge building, 50x155 feet, to be erected at 1329 S. Hope St. for the Independent Order of Foresters. The building will contain an auditorium and lodge quarters; brick construction.

OAKLAND, Alameda Co., Cal.—F. H. Harder Mfg. Co., 1563 Mission St., San Francisco, at \$2895 was awarded the contract by George E. Goss, county clerk, to fur. and install certain seats in lodge rooms of Veterans' Memorial Building at Adams Park. Henry H. Meyers, architect, Kohl Bldg., San Francisco.

Plans To Be Prepared.
CLUBHOUSE Cost, \$5000
MARYSVILLE, Yuba Co., Cal.
Two-story frame clubhouse.
Owner—Yuba-Sutter Golf & Country Club
Architect—Miss Julla Morgan, Merchants' Bldg., San Francisco.
Only the first unit, costing \$5000, will be undertaken at this time. Two wings will be added at a later date.

SAN RAFAEL, Marin Co., Cal.—City Council plan to levy tax of one mill on each \$1 assessed valuation of property in San Rafael to provide funds to finance construction of Veterans' Memorial building. At the end of a three-year period the tax would provide \$27,000.

Bids Opened
LODGE BLDG. Cost, \$100,000
SACRAMENTO, Cal. SW Fifteenth and K Sts., 80x160 ft.
Four-story concrete, brick and terra cotta lodge building.
Owner—Aerie No. 901, Fraternal Order of Eagles (William J. Tuller, President).
Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
Low Bidder—Thomas B. Hunt, 1510 30th St., Sacramento, \$99,200.
Other bidders were:
H. W. Robertson, Sacramento.....\$104,960
Lindgren & Swinerton, S. F. (excluding mechanical work)..... 101,450
(2) (including mechanical work 105,000
Herndon & Finnigan, Sacto..... 104,621
E. C. Martin, Sacramento..... 105,995
Campbell Const. Co., Sacramento 113,900
W. C. Keating, Sacramento..... 114,500
Holdener Const. Co., Sacramento. 115,100
Bids taken under advisement.

Preliminary Plans Being Prepared—
Funds Being Raised.
CLUB BLDG. Cost, \$200,000
SACRAMENTO, Cal. Seventeenth and L Streets.
Six-story Class A club building (large swimming pool, gymnasium, etc.)
Owner—Y. W. C. A.
Architect—Dean & Dean, California State Life Bldg., Sacramento.
The drive for funds to finance this structure is now under way and will continue until June 13, when it is expected the money will be available.

PASADENA, Los Angeles Co., Cal.—Architect Garrett Van Felt, 51 S. Euclid Ave., Pasadena, taking bids to erect labor temple on E. Walnut St. near Raymond Ave. for Pasadena Board of Labor; three stories and basement with mezzanine floor; auditorium to seat 800; brick construction, 60x125 feet, with face brick exterior. \$125,000.

Contract Awarded
CLUB BLDG. Cont. Price, \$50,270
BERKELEY, Alameda Co., Cal. Bancroft Way and College Ave.
Four-story frame and stucco club bldg.
Owner—College Women's Club of Berkeley, 2642 Bancroft Way, Berkeley.
Architect—Walter Stelberg, 1 Orchard Lane, Oakland.
Contractor—Connor & Connor, 1726 Grove St., Berkeley.
As previously reported wrecking awarded to Dolan Bros. Wrecking Co., 3006 San Pablo Ave., Oakland.

HOSPITALS

LOS ANGELES, Cal.—Standard Boiler & Steel Works, 5001 S. Boyle Ave., submitted low bid to county supervisors at \$15,900 for mechanical equipment for incinerator at general hospital. Union Tank & Pipe Co., bid \$19,781 with an alt. proposal of \$22,997.

LOS ANGELES, Cal.—Until 2 P. M., June 25, bids will be received by county for various articles of equipment for the L. A. General Hospital, 1100 Mission Road. Specifications obtainable from Mame B. Beatty, clerk of the board, 303 Hall of Records.

Preparing Working Drawings
ADDN. TO HOSPITAL Cost, \$750,000
SAN FRANCISCO, Cal. Sacramento & Webster Sts.
Six-story class A concrete wing addition to hospital bldg.
Owner—Lane Hospital.
Architect—Bakewell & Welhr, 251 Kearny
Plans will be completed in about 90 days.

JOLON, Monterey Co., Cal.—Supreme Lodge, Knights of Pythias, is considering proposal to erect \$1,000,000 tubercular sanitarium near Jolon in southern section of Monterey county. A fund of \$3,500.00 is said to be available to purchase the site and finance the buildings. Definite action regarding the project is expected at the annual convention of the Supreme Lodge in Texas in August.

OLIVE VIEW, Los Angeles Co., Cal.—Until 2 P. M., July 2, bids will be rec. by county to erect Units Nos. 1 and 2, and the Morgue Bldg. of the Acute Tuberculosis Hospital Bldg. at Olive View

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7185
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

500-511 SIXTH STREET

SAN FRANCISCO, CAL.

Sanitarium, near San Fernando. Bids were previously taken on these buildings, but 27, but all bids were rejected and the plans revised. Bids will be taken as follows: (1) general contract; (2) plumbing; (3) electrical works; (4) painting and stucco; (5) mechanical works; (6) kitchen equipment. Unit No. 1, will be 1-story, single part, basement structure, about 490x60 ft., containing 60 wards, 10 showers, operating rooms, kitchen, etc. Unit No. 2, will be a 1-story structure, about 200x60 ft., containing 85 wards. Reinforced concrete walls. Plans prepared by Edwin Bergstrom, 3300 Broadway, Pierpont Davis, Sumner Bldg., and Wm. Richards, architects, Citizens National Bank Bldg., Los Angeles.

BELEVEDERE, Los Angeles Co., Cal.—Until 2 P. M., June 25, bids will be received by county supervisors to erect Health Center at Ferris and Hubbard Sts. Belvedere. Plans obtainable from county architect, Hall of Records. Bids will be taken as follows: (a) general; (b) plumbing and service piping; (c) electric wiring; (d) electric fixtures. Two-story and part basement, class C, 69x180 ft.; stone tile construction.

LOS ANGELES, Cal.—Until 2 P. M., June 25, bids will be received by county supervisors to erect Women's Ward at County Farm, near Downey. Plans obtainable from county architect, Hall of Records. Bids will be taken as follows: (a) general; (b) electric wiring; (c) electric fixtures; (d) plumbing and service piping; (e) steam heating. Two-story structure, 145x208 feet; reinforced concrete construction.

PACIFIC COLONY, Los Angeles Co., Cal.—State Department of Public Works, Division of Architecture, announces \$100,000 available for narcotic treatment hospital to be erected at Pacific Colony. Of the total amount available, \$30,000 will be used to finance erection of hospital and the balance for maintenance.

NAPA, Napa Co., Cal.—Jesse Shay, 270 Tehama St., San Francisco, has been awarded the plastering and lathing contract by John Christopher, 2426 F St., Sacramento, in connection with the construction of the superintendent's cottage being erected at the Napa State Hospital for the State of California.

BAKERSFIELD, Kern Co., Cal.—Until June 25, 10 A. M., bids will be received by F. E. Smith, county clerk, to erect Preventorium at Stony Brook Retreat, Woodford, Kern County. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk req. with bids. Plans obtainable from architect on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

SAN CLEMENTE, Los Angeles Co., Cal.—Architect Virgil Westbrook, San Clemente, preparing plans for hospital to be erected for Dr. Garnet B. Grant, Hollywood. Work will include the main hospital building, nurses' home and dining room and service building.

Preparing Working Drawings.
HOSPITAL, Orange Co., Cal.—North Main St., (10-acre site).
Four-story class A hospital bldg. and 4-story A nurses' home.

Owner—Sisters of St. Joseph, 380 S. Bayview St., Orange.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Both buildings will be of reinforced concrete construction with stucco and concrete facing.

HOTELS

Plans Complete.
HOTEL & STORE BLDG. Cost, \$200,000
SACRAMENTO, Sacramento Co., Cal., 5th and J Sts.
Five-story reinforced concrete hotel and store bldg. with tile roof (Spanish type; 150 rooms, and 8 stores).
Owner—Harvey Rasmussen, 4224 Stockton Blvd., Sacramento.
Architect—George Selton & Co., California State Life Bldg., Sacramento.
Whether bids will be called for or not is indefinite.

SEATTLE, Wash.—Construction of the 14-story fireproof hotel for Gardner J. Gwinn, Hoge Bldg., will be started at once under the segregated contract plan, all work to be carried on under the supervision of the architect, Earl A. Roberts, Lloyd Bldg., Seattle. Will contain 335 rooms and special bachelor apartments. Location, 5th Ave. and Virginia St. Will be faced with light tapestry brick, laid in design, with terra cotta sills and copings and full terra cotta base for first two stories. Est. cost \$1,000,000.

LONG BEACH, Los Angeles Co., Cal.—Architects Traver & Jacobs, Union Insurance Bldg., Los Angeles, preparing plans for 14-story and basement Class A hotel, 50x150 feet, for Earl Taylor, 302 guest rooms with 50 per cent baths; reinforced concrete construction. \$600,000.

Plans Being Revised
HOTEL, SAN FRANCISCO. Geary St. and Magpie Alley. Cost, \$500,000.
Fourteen-story Class A hotel bldg.; (250 rooms, 80% baths; 2 elevators; all modern conveniences).
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Previously reported for a 13-story bldg. Revised plans will be completed in about three weeks.

TIA JUANA, Mexico—E. F. Rodriguez, Tia Juana, has contract to erect a twelve-story Class A hotel at Tia Juana, Lower California, for Wirt G. Bowman, president of the Baja, California Co., S. A., San Diego; 300 guest rooms; cost \$750,000. Plans are being completed by the American Building & Investment Co., San Diego.

Sub-Contracts Awarded
HOTEL, SALINAS, Monterey Co., Cal. Cost, First Unit, \$100,000 (Ultimate Cost, \$500,000).
Six-story steel frame fireproof hotel.
Owner—William Jeffery, Jeffery Hotel, Salinas.
Architect—Kump & Johnson, Rowell Bldg., Fresno.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Elevators—Otis Elevator Co., 1 Beach St., San Francisco.
Ornamental and Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., S. F.
Plumbing—Anderson & Dougherty, Salinas.

As previously reported, brick work awarded Reed & Reed, Hearst Bldg., S. F.; heating to Scott Co., 243 Minna St., S. F.; structural steel to Judson Pacific Co., 609 Mission St., S. F.; pile driving to S. Nicholas, San Jose.

RANNING, Riverside Co., Cal.—E. T. Mulford has had plans prepared for a two-story store, apartment and hotel building to be erected on Main St.; 150x290 ft.; cost \$200,000.

Sub-Contracts Awarded.
HOTEL, VALLEJO, Solano Co., Cal. Sonoma and Capitol Streets. Cost, Approx. \$80,000.
Two-story Class A hotel building (60 rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).
Owner—L. Casa del Vallejo (Harry Hendler and Isadore Meyers).
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.
Contractor—Jacks & Irvine, Call Bldg., San Francisco.
Structural Steel—Schrader Iron Works, 1247 Harrison St., San Francisco.
Electrical Work—Vallejo Light & Power Co., Vallejo.
Plumbing—J. Freitas & Son, 2815 E-10th St., Oakland.
Ornamental Iron—Monarch Iron Works, 262 7th St., San Francisco.

Sheet Metal and Steel Sash Contracts Awarded
HOTEL, VALLEJO, Solano Co., Cal. Sonoma and Capitol Sts. Cost, Approx. \$80,000.
Two-story class A hotel building (sixty rooms, lobby, 50x70 feet; dining room, etc.; Spanish type).
Owner—L. Casa del Vallejo (Harry Hendler and Isadore Meyers).
Architect—Slocumbe & Tuttle, 337 17th St., Oakland.
Contractor—Jacks & Irvine, Call Bldg., San Francisco.
Sheet Metal—Lowell Davison, 1670 San Jose Ave., San Francisco.
Steel Sash—Badt Falk Co., 74 New Montgomery St., San Francisco.
As previously reported, structural steel awarded to Schrader Iron Works 1247 Harrison St., San Francisco; electrical work to Vallejo Light & Power Co., Vallejo; plumbing to J. Freitas & Son, 2815 E 10th St., Oakland; ornamental iron to Monarch Iron Works, 262 7th St., San Francisco.

Preparing Working Drawings.
HOTEL BLDG., RIO DEL MAR, Santa Cruz Co., Cal. Cost, \$200,000.
Near Aptos.
Two and part three-story Class C brick hotel building (52 rooms, kitchen, coffee shop, etc.).
Owner—Monroe, Lyon & Miller.
Architect—Ben. G. McDougall, 353 Sacramento St., San Francisco.
Plans will be completed in about three weeks.

Roos Column Clamp Contract Awarded.
HOTEL, SALINAS, Monterey Co., Cal. Cost, \$500,000 (ultimate cost, \$500,000).
Six-story steel frame fireproof hotel.
Owner—William Jeffery, Jeffery Hotel, Salinas.
Architect—Kump & Johnson, Rowell Bldg., Salinas.
Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Roos Column Clamps—W. J. Burke, 200 Davis St., San Francisco.
Other awards reported May 22, 1928.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Plans Being Figured By Selected List of Contractors
HOTEL BLDG. Cost, \$170,000
OAKLAND, Alameda Co., Cal.
 First Ave. and E 14th St., Oakland.
 Five-story brick hotel, store and garage building, (75 rooms and baths, stores on ground floor and garage in rear).
 Owners—Mr. and Mrs. Robert Chardon.
 Architect—W. H. Wee's, Hunter-Dulin Bldg., S. F.; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

Preparing Working Drawings.
REST HOME Cost, \$1,000,000
SAN FRANCISCO. Nineteenth Ave. and Sloat Blvd.
 Large Rest Home (30 bedrooms, reception rooms, chapel, reading rooms, dining rooms, etc.).
 Owner—Christian Scientist Benevolent Assn., M. R. Higgins, chairman.
 Architect—Henry H. Gutterston, 526 Powell St., San Francisco.
 The Rest Home is to be conducted something like a hotel. It will be a spot where members of the church may come for rest and study and here they will have the finest of accommodations and service, according to Higgins.

ICE AND COLD STORAGE PLANTS

SAN LEANDRO, Alameda Co., Calif.
 See Residences this issue.

POWER PLANTS

SAN JOSE, Santa Clara Co., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, has provided \$278,800 to finance erection of a new sub-station adjoining the present sub-station of the Coast Counties Gas & Electric Company. It is announced by J. D. Kuster, division manager of the company at San Jose. Will be equipped with four 11,000 h. p. transformers.

MODESTO, Stanislaus Co., Cal.—Until July 2, 2 P. M., bids will be received by C. S. Abbott, Secty., Modesto Irrigation District, to fur. and del. high voltage power transformers in accordance with Specifications No. E-11. Bids will be received for 4-1667 K.V.A. outdoor type transformers for operation at 66,000-volts Star to 11,500 volts Delta. See call for bids under official proposal section in this issue.

MANTECA, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 245 Market St. San Francisco, has purchased additional property adjoining present substation. Land will be used for expansions.

PUBLIC BUILDINGS

REDWOOD CITY, San Mateo Co., Cal.—City sells \$16,000 bond issue for premium of \$625, proceeds of sale to finance erection of new fire station at Myrtle St. and Jefferson Ave. Plans for the building have been completed by Russell & Duncan. Bids will be asked shortly.

EVERETT, Wash.—County Commissioners contemplate erection of courthouse addition costing \$125,000 or more. Will be of Spanish design, fireproof construction.

CHICO, Butte Co., Cal.—City Library Trustees authorize purchase of eight reading room tables and forty-eight chairs; estimated cost \$800.

PHOENIX, Ariz.—Edwards, Wildey & Dixon, Edwards & Wildey Bldg., Los Angeles, awarded general contract at \$263,400 for erecting Phoenix municipal building at Phoenix, Ariz. The general contract for erecting the courthouse section of the building for Maricopa County was awarded to Edwards, Wildey & Dixon by the Board of Supervisors. The contract price was \$474,900. The award was made on the alternative bids for terra cotta facing. The building will be of reinforced concrete construction. Low bidders on other work to whom con-

tracts will be awarded, were: Elliott Engineering Co. of El Paso on heating for the courthouse at \$52,937, and for the city hall at \$27,300; F. D. Reed Plumbing Co., Los Angeles, on plumbing for the courthouse at \$33,870; Phoenix Plumbing & Heating Co. on plumbing for the city hall at \$22,374; English Electric Co., Los Angeles, on electric wiring for the courthouse at \$10,300, and for the city hall at \$3,650; Southern Prison Co., San Antonio, Texas, on jail equipment for the courthouse at \$71,487, and for the city hall at \$39,980. Edw. F. Neild, Shreveport, La., is the architect for the courthouse and Lescher & Mahoney, Phoenix, are the architects for the city hall.

LODI, San Joaquin Co., Cal.—E. P. Wisner, Lodi, at \$22,649 submitted low bid and was awarded the contract by J. F. Blakely, city clerk, to erect one-story brick addition, 50 by 64-ft., to city library. Est. cost, \$23,000. Davis-Pearce, Inc., architects, Grant and Weber Sts., Stockton.

Following is a complete list of the bids with alternates:

Alt. No. 1, add if special linoleum floors are laid.
 Alt. No. 2, add if masti-pave. flooring is laid.
 Alt. No. 3, add if shelving and periodical rooms are added.
 Alt. No. 4, add if walls and ceilings are painted instead of tinted.
 Alt. No. 5, add if accoustical plastering is used.
 Alt. No. 6, add if telephone system is installed.
 Alt. No. 7, add for installing telephone system as specified.
 Alt. No. 8, add if electric air heaters are installed.
 Alt. No. 9, add if electric fixtures are installed.

E. P. Wisner, Lodi, \$19,753 (1) 1175 (2) 305 (3) 315 (4) 260 (5) 350 (6) 284 (7) 257 (8) 1797 (9) 584.

J. J. Cavanaugh, Stockton, \$21,460 (1) 1175 (2) 558 (3) 355 (4) 375 (5) 292 (6) 284 (7) 357 (8) 1797 (9) 548.

John Hershman, Lodi, \$21,900 (1) 1000 (2) 560 (3) 340 (4) 200 (5) 300 (6) 280 (7) 250 (8) 1600 (9) 540.

George Niswander, Stockton, \$22,219 (1) 1271 (2) 558 (3) 460 (4) 190 (5) 312 (6) 252 (7) 365 (8) 1827 (9) 558.

George W. Kopp, Sacramento, \$22,233 (1) 1150 (2) 342 (3) 200 (4) 260 (5) 360 (6) 284 (7) 357 (8) 1797 (9) 548.

I. E. Toothacre, Lodi, \$22,292 (1) 1099 (2) 528 (3) 416 (4) 440 (5) 260 (6) 273 (7) 272 (8) 1530 (9) 778.

Vickroy & Dodd, Stockton, \$22,444 (1) 1065 (2) 568 (3) 353 (4) 205 (5) 305 (6) 300 (7) 7365 (8) 1840 (9) 570.

Ecker Bros., Lodi, \$22,746 (1) 1020 (2) 558 (3) 425 (4) 185 (5) 312 (6) 260 (7) 260 (8) 1457 (9) 560.

H. Finnigan, Sacramento, \$23,458 (1) 905 (2) 155 (3) 509 (4) 207 (5) 319 (6) 317 (7) 399 (8) 1915 (9) 584.

Carl Nelson, Stockton, \$23,611 (1) 1048 (2) 528 (3) 353 (4) 440 (5) 250 (6) 242 (7) 473 (8) 2031 (9) 604.

P. R. Hanify, Lodi, \$24,992 (1) 1175 (2) 305 (3) 395 (4) (5) 375 (6) 342 (7) 473 (8) 2031 (9) 604.

All alternates were accepted with the exception of Nos. 5, 6, and 8.

GLENDALE, Cal.—Until 10 A. M., June 14, bids will be received by city for supplies as follows, f. o. b. cars, Glendale:

Item 1—10,000 feet, 3-conductor lead-covered cable, 500,000 circular mill stranded, 98% conductivity, sector type, 4-32-in. x4-32-in. saturated 100% manila paper insulation, 9-64-in. plain lead sheath, suitable for 5000-volt working pressure.

Cable shall be tested at the factory for five minutes with 10,000 volts, 50 or 60 cycle alternating current, between conductors and between each conductor and sheath.

Item 2—11 potheads, 3 conductor, indoor type, 7500 volt, for 500,000 circular mil cable, wiping sleeve entrance, non-disconnecting, similar to G. W. Specialty Co., Catalog No. MO356AB.

Item 3—16 potheads, 3 conductor, outdoor type, 7500-volt for 500,000 circular mil cable, wiping sleeve entrance, non-disconnecting, similar to G. & W. Electric Specialty Co., Catalog No. MO356AY.

Item 4—3 potheads, 3 conductor, outdoor type, 7500-volt for 250,000 circular mil cable, wiping sleeve entrance, non-disconnecting, similar to G. & W. Electric Specialty Co. Catalog No. MO352AY.

Cert. check 10%. P. Diedrich, plant superintendent.

SACRAMENTO, Sacramento Co., Cal.—George Hudnutt, Inc., 1915 S St., Sacramento, was awarded contract at \$25,000 by George B. McDougall, State Architect, Forum Bldg., Sacramento, for alterations to the Supreme Court at the State Capitol.

LODI, San Joaquin Co., Cal.—Bids will be asked at once by J. F. Blakely, city clerk, to fur. and install library equipment for new library building, the contract for which has just been let to E. P. Wisner of Lodi at \$22,649. Davis-Pearce Co., architects, Grant and Weber Sts., Stockton. The cost of the equipment is placed at \$600. Further information obtainable from clerk.

RESIDENCES

Plans Being Prepared

RESIDENCE Cost, \$10,000
SAN LEANDRO, Alameda Co., Cal. Best Manor.

Two-story frame and stucco duplex residence (8 rooms) and 1-story frame water distillery.

Owner—Paul Fox.
 Architect and Mgrs. of Const.—Ernest Flores and R. E. Woods, associated, 1801 Franklin St., Oakland.
 Sub-bids will be taken in 30 days.

Contract Awarded

RESIDENCE Cost, \$9,600
LIVERMORE, Alameda Co., Cal., SW 4th and L Sts.

One-story frame and stucco residence & double garage.

Owner—James Anderson, 3527 Harrison St., Oakland.
 Architect & Contractor—Sam Bothwell & Son, Livermore.

Bids In Under Advisement.

RESIDENCE Cost, \$30,000
SAN FRANCISCO. E Twenty-fifth Ave N Lake Street.

Two-story and basement frame and stucco residence.

Owner—C. A. Marwedel, 458 15th Ave., San Francisco.

Architect—J. E. Kraft & Son, Phelan Bldg., San Francisco.

'Gold Medal' Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278

Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Contract Awarded.
RESIDENCE Cost, \$30,000
SAN FRANCISCO. NW St. Francis and
 Sun Buenaventura Sts.
 Two-story and basement frame and
 stucco residence.
 Owner—Charles C. Horton.
 Architect—E. G. Bolles and A. A.
 Schroepfer, Monadnock Bldg., San
 Francisco.
 Contractor—G. Petersen & Son, 666 Mis-
 sion St., San Francisco.

Owner Taking Figures.
RESIDENCE Cost, \$5500
SAN LEANDRO, Alameda Co., Cal.
 Broadmore Blvd.
 One-story five-room frame and stucco
 residence.
 Owner—F. C. Wright, San Leandro.
 Architect—Ernest Flores and Ralph E.
 Wood, Associated, 1801 Franklin
 St., Oakland.

Owner Taking Figures.
RESIDENCE Cost, \$4000
SAN LEANDRO, Alameda Co., Cal. Best
 Manor.
 One-story and basement six-room frame
 and stucco residence.
 Owner—I. Silveria, San Leandro.
 Architect—Ernest Flores and R. E. Wood
 Associated, 1801 Franklin St.,
 Oakland.

**Plans Will Be Ready For Bids in Ten
 Days.**
RESIDENCE Cost, \$12,900
BERKELEY, Alameda Co., Cal., Spruce
 and Arch Sts.
 Two-story frame and stucco residence
 (7 rooms and baths.)
 Owner—Mr. Bruns.
 Architect—B. Reede Hardman, First
 National Bank Bldg., Berkeley.

Plans Being Figured
RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
 Two-story frame, brick veneer and sid-
 ing residence.
 Owner—Leland Prior, Middlefield Road,
 Menlo Park.
 Architect—Birge M. Clark, 310 Univer-
 sity Ave., Palo Alto.

**Sheet Metal and Masonry Contracts
 Awarded**
RESIDENCE Cost, \$250,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story Class A reinforced concrete
 and steel residence.
 Owner—Robert B. Henderson, Pres. Pac.
 Portland Cement Co., 111 Sutter St.,
 San Francisco.
 Architect—Gorden B. Kaufman, Union
 Bank Bldg., Los Angeles, Cal.
 Contractor—Dowsett & Ruhl, Mass Bldg.,
 San Francisco.
Masonry—Nels Anderson, 666 Mission St.,
 San Francisco.
Sheet Metal Works—Montgomery & Son,
 845 San Mateo Drive, San Mateo.
 Other awards reported May 17th.

Completing Plans—Contract Awarded
RESIDENCE Cost, \$8,500
ARBUCKLE, Colusa Co., Cal.
 One-story frame and stucco residence (7
 rooms).
 Owner—Audrey Peart, College City.
 Architect—Frederick S. Harrison, Peo-
 ple's Bank Bldg., Sacramento.
 Contractor—Claude Peart, College City.

Sub-Bids Being Taken
RESIDENCE Cost, \$20,000
ORINDA, Contra Costa Co., Cal. Orinda
 Country Club.
 One and part two-story frame and stucco
 residence (10 rooms and 4 baths).
 Owner and Builder—Frank Kales, Crit-
 chett and Essex Sts., Richmond.
 Architect—Sydney. Noble & Archie New-
 som, Federal Realty Bldg., Oakland.

Contract Awarded
RESIDENCE Cont. Price, \$9908
BERKELEY, Alameda Co., Cal. Berkeley
 Square.
 Two-story frame and stucco residence &
 garage.
 Owner—Earl S. and Helen G. Neal, 1525
 Scenic Ave., Berkeley.
 Architect—John K. Ballentine, 526 Powell
 St., San Francisco.
 Contractor—Frank G. Applebe, 2405 Ac-
 ton St., Berkeley.

FRESNO, Fresno Co., Cal.—S. B. Good-
 man, 565 Yosemite St., Fresno, plans
 erection of 28 modern homes in Coast
 Ave. bet. Thomas and Dudley Aves.; will

be one-story and two-story frame and
 stucco construction, costing from \$5,000
 to \$7,000 each.

Plans To Be Prepared
RESIDENCE Cost, \$30,000
ROSS, Marin Co., Cal. Laurel Grove Ave.
 and Canyon Road.
 Two-story frame and stucco residence.
 Owner—Vernon Spewes-Cox, 351 Cali-
 fornia St., San Francisco.
 Architect—Warren Perry, 260 California
 St., San Francisco.
 Work will be started in the fall.

Contract Awarded.
RESIDENCE Cost, \$22,000
BERKELEY, Alameda Co., Cal. Avalon
 St. and Claremont Ave.
 Two-story frame and stucco residence,
 (Spanish style, 9 rooms and 4 baths).
 Owner—C. H. McIntyre.
Plans Being Figured.
RESIDENCE Cost, \$25,000
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence
 (10 rooms and 5 baths).
 Owner—Willard Miller.
 Architect—Frederick H. Reimers, 1624
 Franklin St., Oakland.

Plans Being Figured.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Uplands
 District.
 Two-story frame and stucco residence
 10 rooms, 2 baths, 2-car garage).
 Owner—R. H. Rennie, 5667 Ocean View
 Drive, Oakland.
 Architect—Frederick H. Reimers, 1624
 Franklin St., Oakland.
 E. F. Henderson, 2122 Shattuck Ave.,
 Berkeley, is the only contractor figuring
 the job.

Architect—W. H. Ratcliff, Chamber of
 Commerce Bldg., Berkeley.
Contractor—Chas. McCullough, 1634 Ber-
 keley Way, Berkeley.

Contract Awarded
RESIDENCE Cost, \$20,000
PIEDMONT, Alameda Co., Cal.
 Two-story and basement frame and stuc-
 co residence.
 Owner—George Bean.
 Architect—Edwin L. Snyder, 2108 Addi-
 son St., Berkeley.
 Contractor—Beckett & Wight, 2457 Web-
 ster St., Oakland.

Plans Being Figured
RESIDENCE Cost, \$15,000
NORTH BERKELEY, Alameda Co., Cal.
 Two-story frame and stucco residence.
 Owner—J. E. Elliott.
 Architect—Edwin L. Snyder, 2108 Addi-
 son St., Berkeley.

Sub-Contracts Awarded
RESIDENCE Cont. Price, \$22,275
BERKELEY, Alameda Co., Cal. Clare-
 mont Court.
 Two-story and frame stucco residence (10
 rooms).
 Owner—Mrs. W. R. L. Campbell, 2815
 Claremont Court, Berkeley.
 Architect—Benj. McDougall, 353 Sacra-
 mento St., San Francisco.
 Contractor—Emil Person, 29 San Luis St.,
 Berkeley.

Excavating and Concrete Work—E. F.
 Nelson, Ashby Ave., Berkeley.
Plumbing—Carl T. Doell, 467 21st St.,
 Oakland.
Lumber—Tilden Lumber Co., 400 High
 St., Oakland.
 Bids are now being taken on magnesite
 flooring and showers.

Plans Being Revised.
RESIDENCE Cost, \$100,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and stucco residence.
 Owner—C. Waldo Coleman, 168 W. Belle-
 view Ave., San Mateo.
 Architect—Clarence Tantau, Shreve Bldg
 San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$14,110
SAN FRANCISCO. NE Broderick and
 Vallejo Streets
 Alterations and additions to residence.
 Owner—Morgan Gunst, Premises.
 Architect—G. A. Dailey, 425 Market St.,
 San Francisco.
 Contractor—Stephenson Constr. Co., Ho-
 bart Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$30,000
SAN FRANCISCO. E Twenty-fifth Ave.
 N Lake St.
 Two-story and basement frame and
 stucco residence.
 Owner—C. A. Marwedel, 458 15th Ave.,
 San Francisco.
 Architect—J. E. Krafft & Son, Phelan
 Bldg., San Francisco.
 Contractor—G. Pettersen, 46 Divisadero
 St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$20,000
LOS GATOS, Santa Clara Co., Cal.
 Two-story and basement 10-room frame
 and stucco residence.
 Owner—T. Rogers.
 Architect—Farr & Ward, 68 Post St., San
 Francisco.
 Contractor—William Martin, 666 Mission
 St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$30,000
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco country
 home, (14 rooms).
 Owner—E. R. Dimond.
 Architect—Miller & Pfueger, 580 Market
 St., San Francisco.
 Contractor—Weeden Bros., Menlo Park.

Sub-Bids Being Taken.
RESIDENCE Cost, \$9000
OAKLAND, Alameda Co., Cal. Mandana
 Blvd.
 Two-story seven-room frame and stucco
 residence.
 Owner and Builder—Charles Peterson, 580
 Jean St., Oakland.
 Architect—Guy L. Brown, American
 Bank Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, \$12,400
WOODSIDE, San Mateo Co., Cal.
 Two-story frame and stucco residence.
 Owner—Julian Thorne, Woodside.
 Architect—Gardner Dailey, 425 Mason
 St., San Francisco.
 Contractor—Meese & Briggs, 1425 Broad-
 way, Burlingame.

Sub-Bids Being Taken.
RESIDENCE Cont. Price, \$53,193
SAN MATEO, San Mateo Co., Cal.
 Two-story frame and stucco residence.
 Owner—Leonard C. Hammond, 1896 Paci-
 fic Ave., San Francisco.
 Architect—Gardner Dailey, 425 Mason
 St., San Francisco.
 Contractor—George Wagner, Inc., 181
 South Park, San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, \$15,000
CALISTOGA, Sonoma Co., Cal.
 Alterations and additions to present
 country home.
 Owner—Withheld.
 Architect—James McCreery, Berkeley
 Bank Bldg., Berkeley.

**Plans Being Figured By Selected List Of
 Contractors**
RESIDENCE Cost, \$10,000
HILLSBOROUGH PARK, San Mateo Co.
 Two-story frame and stucco residence (7
 rooms, Spanish style).
 Owner—Mrs. William Gross.
 Architect—Clarence Jackson, First Na-
 tional Bank Bldg., San Mateo.

SAN RAFAEL, Marin Co., Cal.—Fol-
 lowing is a partial list of building per-
 mits granted during the month of May by
 the San Rafael city council: Caraline
 Bottini, lot 9, Westland Park, dwelling,
 \$4000; L. R. Moore, 215 Bay View St.,
 alter dwelling, \$4375; Tissot & Clark, lot
 13, Westland Park, dwelling, \$4500; Ed-
 mond Meyer, Palm and Highland Sts.,
 dwelling, \$10,000; A. Melano, NE Clark
 and San Rafael, dwelling, \$2000; C.
 Cable, Grand Ave., Hearfield Tract,
 dwelling, \$10,700; Lafargue French Laun-
 dry, Third St. building, \$1200; Mrs. E.
 Foster, Latham St., dwelling, \$5000; J.
 Begley, San Rafael Ave., dwelling, \$1000.

SCHOOLS

REDWOOD CITY, San Mateo Co., Cal.
 —Ravenswood School District votes di-
 rect tax of \$7000 to finance erection of
 manual training laboratory, enlarge
 auditorium and purchase of additional
 equipment.

SAN JOSE, Santa Clara Co., Cal.—San Jose School District votes direct tax for \$200,000 to finance improvement of sanitary facilities in schools.

Contract Awarded.
ADDITION Cont. Price, \$7200
S'ALTOS, Santa Clara Co., Cal.
 Two-room addition to present one-story frame school building.
Owner—Los Altos Grammar School District (H. A. Dutton, Clerk).
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.
Contractor—Carl N. Swensen, 6th and Santa Clara Sts., San Jose.
 Other bidders were: Minton Co., Mt. View, \$7365; J. Cobby & Son, S. F., \$7630; Stephenson Constr. Co., S. F., \$9792.

Plans Being Figured.
SCHOOL Cost, \$—
STOCKTON, San Joaquin Co., Cal.
 Finishing high school building (contract recently awarded for rough work of same).
Owner—Stockton Union High School District.
Architect—Peter Sala, 2130 N-Commerce St., Stockton.

Plans Being Figured—Date For Opening Bids Not Set
SCHOOL BLDG. Cost approx. \$305,000
OAKLAND, Alameda Co., 38th and Market Sts. (Clausen-Longfellow Junior High School).
 Three-story brick school building; accommodations for 900 pupils, boys and girls gymnasium bldg. and 3 shop bldgs. of brick construction.
Owner—City of Oakland Board of Education.
Architect—John I. Easterly, 2137 Tiffen Road, Oakland.

SAN RAFAEL, Marin Co., Cal.—Until June 19, 8 P. M., new bids will be received by Oliver Hartzell, Secty., Board of Education, for approx. 80,000 cu. yds. mud fill on high school grounds, also to construct retaining levees for fill. Cert. check 10% reg. with bid. Spec. obtainable from Secty. Bids previously received were rejected.

POMONA, Los Angeles Co., Cal.—Mr. and Mrs. Appleton S. Bridges of San Diego, will offer as a gift to the Pomona College an auditorium seating 2500 persons. Plans for the structure will be prepared by Wm. Templeton Johnson, San Diego architect.

Preparing Working Drawings.
SCHOOL BLDG. Cost, \$250,000
REDWOOD CITY, San Mateo Co., Cal.
 Two-story concrete school bldg. (17 classrooms, accommodation for 1500 students).
Owner—Sequoia Union High School Dist.
Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.

ARVIN, Kern Co., Cal.—Until June 15, 4 P. M., bids will be received by E. O. Mitchell, clerk, Arvin School District, to erect two-classroom masonry school. Symmes & Cullimore, architects, Haverfelde Bldg., Bakersfield. Cert. check 10% or bidders' bond payable to clerk reg. with bid. Plans obtainable from architects on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

ARCATA, Humboldt Co., Cal.—Until June 12, 7:30 p. m. bids will be received by J. R. Brown, clerk, Arcata Elementary School District, to const. conc. sidewalks at school grounds. Further information obtainable from clerk.

BERKELEY, Alameda Co., Cal.—Included in the school improvements to be undertaken by the Board of Education during the coming year are: Addition to Willard Junior High School, cost \$100,000; four additional classrooms at Thousand Oaks School, cost \$17,000; addition of four classrooms at High School and other major projects to be determined later, including improvements at the various grammar schools, comprising Lincoln, Washington, Franklin, Cragmont, Jefferson, Oxford and Longfellow. The improvements at the Willard Junior High, the largest of the improvements contemplated for the coming year, comprises a cafeteria, library, art and science departments and new class rooms. The addition will be

in a wing to be constructed either on Ward or Stuart Streets, the definite location to be selected in the near future. The board has also announced that, probably next year, an addition is to be made at the Burbank Junior High, to cost bet. \$75,000 and \$100,000.

Sub-Contracts Awarded.
SCHOOLS, ETC. Cost, \$300,000
IONE, Amador Co., Cal.
 Three two-story brick and concrete buildings; school, custodial building and receiving hospital building (Preston School of Industry).
Owner—State of California.
Architect—Dean & Dean, California State Life Bldg., Sacramento
Contractor—W. J. Ochs, Fresno
Mill Work—Hollenbeck Bush Planing Mill Co., Van Ness and Lorena Sts., Fresno.
Brick Work—Hock & Hoffmeyer, 666 Mission St., San Francisco.
Plastering and Lathing—Jesse Shay, 725 Clementina St., San Francisco.
Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco
Structural Steel, Ornamental and Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco
Roofing—General Roofing Co., Beach and Halleck Sts., Oakland

WOODLAND, Yolo Co., Cal.—State Board of Education will be requested by Woodland School District to make survey to determine school needs. It is probable a new structure will be erected in addition to alterations and extensions to the present structures.

OAKLAND, Alameda Co., Cal.—The following bids were received by the Comptroller, 220 California Hall, University of California, Berkeley, for the construction of (a) poultry buildings; (b) superintendent's cottage; and (c) laboratory building in Strawberry Canyon:

Three Buildings Combined
 Ben Pearson, 1808 Channing Way, Oakland \$46,784
 Chas. H. McCullough, Oakland 47,596
 Herbert K. Henderson, Oakland 48,401
 B. Bjorkman, Oakland 49,345
 S. J. Bertelsen, Berkeley 51,220
 Connor and Connor, Oakland 52,072
 T. D. Courtright, Oakland 54,065
 Heath & Wendt, Berkeley 54,992
 John E. Branagh, Oakland 62,500
 A. Frederick Anderson, Oakland 67,000
Poultry Building—Superintendent's Cottage—Laboratory
 (1) Poultry building, (2) Supt. cottage, (3) laboratory.
 Ben Pearson (1) \$19,127 (2) \$7555 (3) \$20,102.
 Chas. M. McCullough, (1) \$19,684; (2) \$7672; (3) \$20,240.
 Herbert Henderson, (1) \$22,289; (2) \$6,835; (3) \$19,277.
 B. Bjorkman, (1) \$20,870; (2) \$8069; (3) \$20,466.
 S. J. Bertelsen, (1) \$23,347; (2) \$8060; (3) \$19,813.
 Connor & Connor, (1) \$25,167; (2) \$8,254; (3) \$18,951.
 T. J. Courtright, (1) \$24,000; (2) \$8924; (3) \$21,141.
 Heath & Wendt, (1) \$26,264; (2) \$8074; (3) \$20,654.
 John E. Branagh, (1) \$33,303; (2) \$7,900; (3) \$21,300.
 A. Frederick Anderson, (1) \$36,118; (2) \$8339; (3) \$22,627.

Bids taken under advisement. To be recommended to be awarded on separate contracts.

CLARKSBURG, Yolo Co., Cal.—As previously reported, bids will be received June 20, 8 P. M., by Mabel H. Heringer, Secty., Clarksburg High School District, to erect high school and gymnasium building. Dean and Dean, architects, California State Life Bldg., Sacramento. Will be one-story frame and stucco; school will contain 6-classrooms; estimated cost, \$60,000. Cert. check 10% payable to clerk reg. with bid. Plans obtainable from architects on deposit of \$20, returnable. See call for bids under official proposal section in this issue.

Plans Being Prepared
SCHOOL Cost, \$—
ALBANY, Alameda Co., Cal.
 Two-story frame and stucco school bldg. (six classrooms).
Owner—Albany Board of Education.
Architect—Davis-Pearce Company, 47 N Grant St., Stockton.

PASADENA, Los Angeles Co., Cal.—Dr. Robert A. Millikan, director of California Institute of Technology at Pasadena, announced that new building will be erected on campus at Pasadena. The sum of \$300,000 has been donated for the erection of the building contingent on \$300,000 additional being raised for maintenance. Preliminary plans for the building were prepared by the late Bertram G. Goodhue before his death.

BAKERSFIELD, Kern Co., Cal.—Valley Office and School Equip. Co., Bakersfield, at \$23,515 awarded contract by Board of Education to fur. and del. school supplies during coming year. Other bids were: C. F. Weber Co., San Francisco, \$23,958.40; Stationers Corp., Los Angeles, \$23,593.12.

Plans Approved
SCHOOL Cost, \$175,000
PLACERVILLE, El Dorado Co., Calif.
 Reynolds property near Memorial Park.
 Two-story 18-room class B brick high school building.
Owner—Placerville Union High School District.
Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.
 Bids will be called for in about two weeks.

INGLEWOOD, Los Angeles Co., Cal.—Trustees of Inglewood Union High School District call election on June 26 to vote bonds of \$400,000 to erect new high school in Lawndale section. T. C. Kistner & Co., Architects Bldg., Los Angeles, will be the architects.

LOS BANOS, Merced Co., Cal.—Until June 16, 10 A. M., bids will be received by J. W. Ives, Clerk, Los Banos Grammar School District, to erect 2-classroom addition to present school. Cert. check 10% reg. with bid. Plans obtainable from clerk.

DAVIS, Yolo Co., Cal.—Until June 18, 2 P. M., bids will be received by Gus A. Haussler, clerk, Davis Joint Grammar School District, for new asbestos shingle roof and flat deck on Davis Grammar School. Starks & Flanders, architects, Ochsner Bldg., Sacramento. Specifications obtainable from architect.

MERCED, Merced Co., Cal.—Until June 18, 8 P. M., bids will be received by N. S. Peck, clerk, Merced Union High School District, to furnish one sectional steam boiler. Cert. check 10% reg. with bid. Plans obtainable from W. E. Bedesen, engineer, Shaffer Bldg., Merced.

OAKLAND, Cal.—As previously reported, bids will be received by John W. Edgemond, Secty., Board of Education, June 19, 10:45 A. M., to erect administration building in west side of Second Ave. bet. E-Tenth and E-Eleventh Sts. Will be three-story reinforced concrete; estimated cost \$200,000. Wm. Knowles, architect, 1214 Webster St., Oakland. Cert. check 10% payable to Bd. of Educ. reg. with bid. Plans obtainable from Supt. of Buildings, 337 17th St., Oakland, on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—As previously reported, bids will be received by John W. Edgemond, Secty., Board of Education, June 19, 11 A. M., to erect addition to Lazear School at n. e. 29th and Elmwood Ave. Will be one-story brick containing 4 classrooms; est. cost \$76,000. Hutchison & Mills, architects, Robert Howden Bldg., 337 17th St., Oakland. Cert. check 10% payable to Bd. of Educ. reg. with bid. Plans obtainable from Supt. of Bldgs., 337 17th St., Oakland, on deposit of \$25, returnable. Separate bids are wanted for (1) general work; (2) awning type window fixtures; (3) slate blackboards; (4) linoleum; (5) finish hardware. See call for bids under official proposal section in this issue.

Contract Awarded.
ADDITION Contract Price \$32,301
DUNSMUIR, Siskiyou Co., Cal.
 One-story frame and stucco addition to present school (5 classrooms).
Owner—Dunsmuir Union High School District.
Architect—Starks & Flanders, Ochsner Bldg., Sacramento.
Contractor—J. F. Brennan, Redding.

Sub-Bids Being Taken.

ALTERATIONS Cost, \$63,564
SAN FRANCISCO. E Nineteenth Ave., bet. Irving and Judah Sts.
 Alterations and additions to present school building known as Jefferson School.
 Owner—City & County of San Francisco
 Architect—Board of Public Works.
 Contractor—Meyer Bros., 727 Portola Dr., San Francisco.

Structural Steel—Golden Gate Iron Wks., 1541 Howard St., San Francisco.

BERKELEY. Alameda Co., Cal.—The following bids were received by Clara F. Andrews, Secty., Board of Education, for furnishing finish hardware to be used in connection with the construction of the Garfield School, situated at Rose and Grant Sts., Berkeley:
 Builders Hardware Co., 2081 Franklin St., Oakland.....\$1375
 Sunset Hardware Co., Oakland.....1385
 Berkeley Hardware Co., Berkeley.....1465
 Bids taken under advisement until June 18th.

BANKS, STORES & OFFICES

Plans Being Prepared
CONCRETE BLDG. Cost, \$500,000
SAN FRANCISCO. NE Clay and Sansome Sts.

Eight-story class B reinforced concrete building.
 Owner—Name Withheld.
 Architect—Fred H. Meyer, 742 Market St.
 Contractor—Cahill Bros., 206 Sansome St.
 Exclusive Agents—Allen & Co., 168 Sutter St.

Plans Being Prepared
FITTING QUARTERS Cost, \$—
SAN FRANCISCO. California St., W Battery.

Fitting of Banking Quarters on ground floor of proposed Robert Dollar Annex.
 Owner—Bank of Montreal, 333 California St., San Francisco.
 Architect—Chas. McCall, 1404 Franklin St., Oakland.

Planned
BRICK BLDG. Cost, \$—
HAYWARD. Alameda Co., Cal. A and Main Sts.
 One-story brick building (70x130 feet).
 Owner—Judge Jacob Harder, Jr., 934 A St., Hayward.
 Architect—Not selected.
 Project is in a very preliminary stage.

Plans Being Prepared.
STORE BLDG. Cost, \$35,000
PITCHMOND. Contra Costa Co., Cal. Macdonald Avenue.
 One-story brick store building, 24x100 ft.
 Owner—Urban Properties Co., 220 Kearny St., San Francisco.
 Architect—Earle Betz, 210 Sutter St., San Francisco.
 Lessee—Federal Outfitting Co., 385 Geary St., San Francisco.

Working Drawings Being Prepared.
CAL. BLDG. Cost, \$900,000
OAKLAND. Alameda Co., Cal. NW Thirty-fourth St. and Broadway.
 Nine-story Class A steel frame and concrete medical center building (exterior of terra cotta and pressed brick).

Owner—Represented by Martin B. Reed, 1736 Franklin St., Oakland, leasing agent.
 Architect and Manager of Construction—E. W. Cannon, Rav Bldg., Oakland.
 Bids will be taken for a general contract in about 90 days.

Contract Awarded
STORE BLDG. Cost, \$—
MARYSVILLE. Yuba Co., Cal. D St. bet. Third and Fourth Sts.
 One-story brick and concrete store bldg.
 Owner—Roy Van Vliet, 155 Montgomery St., San Francisco.
 Architect—Earle Bertz, 210 Post St., San Francisco.
 Lessee—M. Schwab & Co., Marysville.
 Contractor—W. J. Black, 1306 Guerrero St., San Francisco.

ANTIOCH. Contra Costa Co., Cal.—O. E. Klengel, Antioch, will erect a one-story brick structure for lease to the government for postoffice

Sub-Contracts Awarded

STORE BLDG. Cost, \$—
SAN FRANCISCO. S Geary Street, bet. Twentieth and Twenty-first Aves.
 One-story frame and stucco store building, 27½x100 feet.
 Owner—A. L. Peyser, 1830 Jackson St., San Francisco.
 Architect—Engineering Dept. of F. W. Woolworth Co., Financial Center, Bldg., San Francisco.
 Lessee—F. W. Woolworth Co.
 Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.
Electrical Work—Decker Elec. Co., 533 Bryant St., San Francisco.
Glass—Tyre Bros., 666 Townsend St., San Francisco.

General Bids Being Taken

OFFICE BLDG. Cost, \$—
RENO. Nevada. First and Center Sts.
 Three-story and basement steel and reinforced concrete telephone exchange and office building (brick and terra cotta exterior, 55x115 feet).
 Owner—Bell Telephone Co.
 Architect—Eng. Dept. of Owner, 140 New Montgomery St., San Francisco.
 As previously reported, Structural Steel awarded to California Steel Co., Hobart Bldg., San Francisco.

SPOKANE. Wash.—Rounds-Clist Co., Walker Bldg., Seattle, at approx. \$900,000 awarded contract to erect Paulsen Medico-Dental Building. Contract was awarded on a cost plus basis. Will be 15-story fireproof. George A. Pehrson, architect, Spokane.

Plans Being Revised
OFFICE BLDG. Cost, \$—
MILLS. Sacramento Co., Cal.
 One-story brick veneer office bldg. with tile roof.
 Owner—Silver Bros. Winery.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Contract Awarded
ALTER. & ADDN. Cont. Price \$22,572
OAKLAND. Alameda Co., Cal. Broadway and 17th St.
 Alterations and additions to present store and office bldg.
 Owner—The Great Western Power Co., 437 Sutter St., San Francisco.
 Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
 Contractor—S. Kulchar Co., 731 E 10th St., Oakland.

Planned
BUILDING Cost, \$60,000
CHICO. Butte Co., 2nd and Wall St.
 Two-story concrete building.
 Owner—Edward M. Stehn, 1221 23rd Ave., San Francisco.
 Architect—Architectural Dept. of Lessees.
 Lessee—Montgomery Ward Co., Oakland

LOS ANGELES. Cal.—E. Clem Wilson, president of the Wilson & Willard Manufacturing Co., 2301 E. Vernon Ave., has purchased northeast corner of Wilshire Blvd. and La Brea Ave. and proposes to erect a Class A store, office and loft building. Will be 6-story and will be designed for a height limit building. Site is 120x160 ft.; will be reinforced concrete construction Cost \$750,000. No architect has been retained.

Contracts Awarded.
BUILDING Cost, \$—
OAKLAND. Alameda Co., Cal. Fourteenth St., bet. Franklin and Broadway.

Interior finish for two-story and basement concrete building.
 Owner—William Cavalier Co., 1st National Bank Bldg., Oakland.
 Architect—Hugh White, Syndicate Bldg., Oakland.

Ornamental Iron—Pacific Iron Works, 1155 6th St., Oakland.
Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Plastering—Vincent Patta, 4799 Telegraph Ave., Oakland.
Pneumatic Tube—Lansom Co.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Electrical Work—Slater Electric Co., 569 19th St., Oakland.
Heating and Ventilating—Scott Co., 113 10th St., Oakland.

Plumbing and Linotile—Van Fleet Bros. Co., 557 Howard St., San Francisco.

Plans Being Prepared—Contract Awarded
STORE BLDG. Cost, \$1,000,000
SAN FRANCISCO. SW Farragut and Mission Sts.
 One-story frame and brick veneer store building.
 Owner—Mutual Stores, Inc.
 Architect—Irvine & Ebbets, Call Bldg.
 Contractor—Young & Horstmeier, 46 Market St.

Plans Being Completed
BUSINESS BLDG. Cost, \$15,000
SAN RAFAEL. Marin Co., Cal. Fourth Street.

One-story reinforced concrete business building.
 Owner—Ed. Haley.
 Architect—Thomas O'Connor, 524 4th St. San Rafael.

Brick Contract Awarded.
MARKET BLDG. Cost, \$750,000
OAKLAND. Alameda Co., Cal. Bounded by 14th and 30th Sts., bet. Jefferson and Grove Sts.

One-story class A market building (47,000 square feet).
 Owner—Twentieth Century Market (Jas. G. Rohan, president).
 Architect and Contractor—Maury I. Diggs, Latham Square Bldg., Oakland land.

Brick Work—Mealey & Collins, 666 Mission St., San Francisco.
 Other awards reported May 26, 1928.

Plans Being Prepared.
STORE BLDG. Cost, \$50,000
MODESTO. Stanislaus Co., Cal. Tenth Street.
 Two-story frame and brick store building.
 Owner—P. Latz, 840 10th St., Modesto.
 Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.
 Segregated bids will be taken in one week.

Planned.
BANK BLDG. Cost, \$—
WATSONVILLE. Santa Cruz Co., Cal. Third and Main Streets.
 Class A bank building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.
 Present building on site to be torn down.

Preliminary Plans Being Prepared
MEDICO-DENTAL BLDG. Cost \$1,500,000
OAKLAND. Alameda Co., Cal. NE 14th and Harrison St.

Twenty-story class A Medico-Dental bldg. (steel frame and concrete construction with brick and terra cotta exterior).

Owner—Corporation now being formed, headed by G. B. McInvoy.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., S. F.; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

Contractor—Cahill Bros., 206 Sansome St. San Francisco.
 Financing arrangements are now under way.

Plans Being Prepared.
BUILDING Cost, \$60,000
CHICO. Butte Co., Cal. Second and Wall Streets.

Two-story concrete building.
 Owner—Edward M. Stehn, 1221 23rd Ave., San Francisco.
 Architect—Russel Guerne De Lappe, 1710 Franklin St., Oakland.
 Lessee—Montgomery Ward Co., Oakland

Contracts Awarded.
MARKET BLDG. Cost, \$20,000
MODESTO. Stanislaus Co., Cal. Seventh and I Streets.

One-story frame and concrete store and market building.

Owner—Mr. Mellis.
 Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.

Reinforcing Steel—Soule Steel Co., Rialto Bldg., San Francisco.

Electrical Work—O. A. Sullivan Elec. Co., Modesto.

Mill Work and Screens—Electric Planing Mill, Hazelton and Monroe Sts., Stockton.

Roofing—Trussless Arch Roof Co., 1007 S. Harvard St., Los Angeles.

Metal Sash—Michel & Pfeffer Iron Wks., Tenth and Harrison Sts., S. F.

Glass—Tyre Bros., 666 Townsend St., San Francisco.

Aggregate—Rhodes-Jamieson Co., Broadway and Water St., Oakland.
Grading, Excavating, Concrete, Cement and Hardwood Floors—W. R. Meyers, Modesto.
Plastering—Cox & Burg, Modesto.

Plans Being Prepared
OFFICE & SHOP BLDG. Cost, \$20,000
SAN FRANCISCO. Bounded by Russo St., Bernal Road and Milton St.
 One-story and basement frame and concrete office and shop bldg.
 Owner—W. S. Ray Mfg. Co., 170 Sutter.
 Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.
 Manager of Constr.—C. H. Uznay, Call Bldg., San Francisco.

PHOENIX, Ariz.—Architects Trost & Trost, El Paso, preparing plans for two additions to Luhrs building for George H. N. Luhrs. One will be a 10-story Class A addition and the central unit will be 17 stories. There will also be a one-story garage, 92x215 feet; reinforced concrete with face brick exterior; cost 1,500,000. Bids will be taken shortly.

SAN DIEGO, San Diego Co., Cal.—Architect Templeton Johnson preparing plans for a four-story store and loft building to be erected at Sixth St. and Broadway for Sam I. Fox; Class A reinforced concrete construction and designed to carry several additional stories.

SAN DIEGO, San Diego Co., Cal.—Clyde A. MacLaren appointed superintendent of construction to erect a two-story mercantile building at Twelfth St. and Broadway for C. Borgerding; cost \$100,000 and will be leased to Sears, Roebuck & Co. for a retail store, 100x125 ft.; reinforced concrete construction.

OAKLAND, Cal.—Until June 11, 5:30 P. M., bids will be received by G. B. Hegardt, Secty., City Port Commission, 424 Oakland Bank Bldg., to construct additions to Administration Building at Municipal Airport. Will be one-story frame and stucco construction; 42 by 62 feet. Cert. check 10% req. with bid. Plans obtainable from Secty. on deposit of \$10, returnable.

OAKLAND, Cal.—Until June 11, 5:30 P. M., bids will be received by G. B. Hegardt, Secty., City Port Commission, 424 Oakland Bank Bldg., to erect restaurant building at Municipal Airport. Will be of frame and stucco construction; 78 by 78 feet. Cert. check 10% req. with bid. Plans obtainable from Secty. on deposit of \$10, returnable.

Work Started
ADDITIONS Cost, \$2500
SAN FRANCISCO. 916 Harrison St.
 Additions to present building.
 Owner & Builders—Barrett & Hilp, 918 Harrison St.
 Architect—Edward Eames, 353 Sacramento St.
 Sub-bids will be taken soon.

Partial List of Prospective Bidders—Bids Close June 15th
OFFICE BLDG. Cost, Approx. \$200,000
SAN FRANCISCO. California St. near Sansome St.
 Ten-story class A office building to adjoin present building.
 Owner—Robert Dollar Co., 311 California St., San Francisco.
 Architect—Charles McCall, 1404 Franklin St., Oakland.
 Floors to be on same level as present building and no additional elevation will be installed.
 Chas. Heyers, Mills Bldg., San Francisco.
 Monson Bros., 475 6th St., San Francisco.
 Mahony Bros., Flood Bldg., San Francisco.
 Dinwiddie Const. Co., San Francisco.
 Other contractors figuring will be named within a day or so.

As previously reported, Wrecking awarded to California Wrecking Co., 666 Mission St., San Francisco.

Preparing Working Drawings
ALTERATIONS Cost, \$50,000
SAN FRANCISCO. 243-49 Kearny St., San Francisco.
 Extensive alterations to present three-story brick and concrete office building.
 Owner—W. B. Foshay Co.
 Architect—August Nordin, 717 Mills Bldg. San Francisco.

Contract Awarded.
ADDITION Cost, \$9000
MARTINEZ, Contra Costa County, Cal.
 Terry and Howard Streets.
 One-story hollow tile addition to present building (16 display rooms).
 Owner—Martinez Furniture Co., 413 Ferry St., Martinez.
 Architect—A. W. Smith, American Bank Bldg., Oakland.
 Contractor—A. W. Benschop, Martinez.

WHARVES AND DOCKS

OCEAN PARK, Los Angeles Co., Cal.
 Martin & Webster, Santa Monica, awarded contract for concrete deck for a parking pier in ocean adjoining municipal auditorium for Ocean Park Realty Co. Plans by John Paxton Perrine, Lincoln Bldg., Los Angeles. Murdock & Condee, 7203 Hawthorne Ave., Los Angeles, have contract for pile driving. The pier will cover area approximately 100,000 sq. ft.

SAN PEDRO, Los Angeles Co., Cal.—Until 9 A. M., June 13th, bids will be received by general manager, harbor department, New City Hall, Los Angeles for 4800 lin. ft. of concrete piles for Berth 174, San Pedro. Bids will be received under the following sections, section A-1, for waterproofing per lin. ft., section B, for transportation to Berth 174 and the driving of the piles per lin. ft. Plans on file at office of general manager and at office of Harbor Engineer George F. Nicholson, Berth 90, San Pedro.

SAN PEDRO, Los Angeles Co., Cal.—Until 9 A. M., June 13, bids will be received by general manager, harbor department, New City Hall Bldg., Los Angeles, to fur, creosoted piling and creosoted lumber for Berths 90, 174, 215 and 216 at San Pedro. Spec. on file at office of general manager or at office of Harbor Engineer George F. Nicholson, Berth 90, San Pedro. Work under spec. No. 793.

OAKLAND, Cal.—Until June 11, 5:30 P. M., bids will be received by G. B. Hegardt, Secty., City Port Commission, 424 Oakland Bank Bldg., to fur and install complete automatic sprinkler system, fire protection and domestic water supply at Grove Street Pier Shed at foot of Grove street. Cert. check 10% req. with bid. Plans obtainable from Secty. on deposit of \$10, returnable.

SAN FRANCISCO—J. Piasecki, 1921 Fulton St., at \$57,823 sub. low bid and was awarded contract by State Harbor Commission, Ferry Bldg., to construct shed for Section 2, Islais Outer Wharf, and additional sacking bins for grain terminal. Frank G. White, engineer, Ferry Bldg., prepared the plans. Following is a complete list of the bids:

Alt. 1, Grain terminal; Alt. 2, additional sacking bins.
 J. Piasecke, San Francisco (1) \$46,850; (2) \$10,973.
 Clinton Constr. Co., San Francisco (1) \$47,600; (2) \$10,550.
 MacDonald & Kahn, San Francisco (1) \$50,594; (2) \$12,032.
 E. S. McIntyre, Oakland (1) \$53,680; (2) \$9620.
 Barrett & Hilp, San Francisco (1) \$54,478; (2) \$11,821.
 Vogt & Davidson, San Francisco (1) \$55,442; (2) \$14,412.
 E. G. Hart, San Francisco (1) \$56,796; (2) \$13,976.
 L. J. Cohn, San Francisco (1) \$56,970; (2) \$13,363.
 Roth Constr. Co., San Francisco (1) \$66,897; (2) \$19,980.
 John Bjorkman, Oakland (1) \$70,837; (2) \$—.
 Roy Lind, San Francisco (1) \$—; (2) \$17,737.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
SHED Cost, \$100,000
MONMOUTH, Contra Costa Co., Cal.
 Concrete and timber car shed.
 Owner—Santa Fe Railroad Co., 114 Sansome St., San Francisco.
 Architect—Engineering Dept. of Owner, Kerckhoff Bldg., Los Angeles.

OAKLAND, Cal.—Oakland Lions' Club has donated \$11,000 of the necessary \$20,000 required for the construction of a community swimming pool. Arthur W. Moore, general chairman of the club's civic committee, and Grant S. Ames, chairman of the club swimming pool committee, will make drive for the balance of the money required.

LA BASH, Santa Cruz Co., Cal.—Marion Bernstein, 123 Powell St., San Francisco, recently purchased a fifty acre tract of land in Big Basin, out of which to build in the Santa Cruz mountains, and plans to erect a group of bungalows. Will be used as a recreational center for his employees.

Until June 6, 10 A. M., bids will be received by Paul Hess, City Building Inspector, to erect addition to Fish and Game Concession on Municipal Dock No. 1. Plans and further information obtainable from above.

Contract Awarded
MORTUARY BLDG. Cost, \$40,000
SACRAMENTO, Sacramento Co., Cal.
 25th St.
 One-story frame and stucco mortuary bldg. with tile roof.
 Owner—Harry A. Neuman & Son, 1811 G St., Sacramento.
 Architect—Arthur Roale, Ochsner Bldg., Sacramento.
 Contractor—Campbell Const. Co., 800 K St., Sacramento.

OAKLAND, Cal.—E. K. Wood Lumber Co., Oakland, at \$981.39 submitted low bid to East Bay Municipal Utility District to fur, 2,600 split r. w. posts, size 4x5 by 7-ft. long, chamfered top, and 100 split r. w. posts 6x6 by 9-ft. long, chamfered top. Other bids, all taken under advisement, were: Sunset Lumber Co., \$1,068.20; Loop Lumber Co., \$1,072.34; Tilden Lumber Co., \$1,091.46.

Plans Being Figured—Bids Close June 15th, 12 Noon.
MAUSOLEUM, ETC. Cost, \$200,000
SAN JOSE, Santa Clara Co., Cal., Oak Hill Cemetery.
 Reinforced concrete mausoleum and columbarium.
 Owner—Oak Hill Improvement Co., Wm. Veith, director, Commercial Bldg., San Jose.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Architect—Roller West Co., First Nat'l Bank Bldg., San Francisco.

OAKLAND, Cal.—Until June 14, 12 noon, bids will be received by Frank C. Merritt to fur and del. during fiscal year ending June 30, 1929, among other items, road oil and emulsified asphalt, brick, saturated paper insulated cable, castings, cement, concrete, copper wire, corr. iron culverts, chairs, dry concrete, hardwood and panels, garden and fire hose, incandescent lamps, paints and varnishes, rock and rock screenings, shovels, Wet concrete mix, white lead in oil, etc. Complete listings obtainable from city clerk.

SEATTLE, Wash.—Bids are being received by Architect Carl Siebrand, North Life Bldg., Seattle, associated with Architect Wallace Hubbert, 110 Sutter St., San Francisco, to erect \$1,000,000 mausoleum in Acacia Memorial Park north of Seattle. Fred Burnaby is president of the Acacia Memorial Park Co., Central Bldg., Seattle. Will be L-shape of stone and marble construction, 292 by 190-ft. Oliver E. Lutz of Seattle, has marble contract.

SAN FRANCISCO.—Until June 6, 2:30 P. M., bids will be received by Veda B. Young, Secty., Playground Commission, 376 City Hall, to fur and install lighting fixtures at North Beach Playground. Cert. check 10% payable to secretary of Commission req. with bid. Specifications obtainable from secretary.

SANTA ROSA, Sonoma Co., Cal.—Northwestern Pacific Railroad, 64 Pine St., San Francisco, will have plans prepared for a \$100,000 freight and passenger depot here. Construction will be started as soon as litigation regarding property possessions is settled.

VISALIA, Tulare Co., Cal.—June 28 is date set to vote bonds of \$50,000 to establish municipal airport.

RENO, Nevada—Regents of the University of Nevada contemplate early construction of public service building on Campus. The plan to house the pure food and drug departments for the State Hygienic Laboratory in the Nevada State Building has been abandoned.

OAKLAND, Alameda Co., Cal.—The Twentieth Century Market, now erecting a large market building on 14th and 30th Sts., Oakland, recently purchased property adjoining the proposed market building and will cement same for parking space.

BAKERSFIELD, Kern Co., Cal.—Currie and Duglar, Bakersfield, at \$9,145 awarded contract by county supervisors to erect Airport administration building. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Other bids: Opperman and Kampe, \$9,346; J. J. Becker, \$9,521; Henry Elssler, \$9,600; E. B. Harris, \$10,244; Orndorff Construction Co., \$10,500; P. W. Paynter, \$11,052; all bidders of Bakersfield.

BERKELEY, Alameda Co., Cal.—Until June 12, 10 A. M., bids will be received by Emma M. Hann, city clerk, to fur. electric lamps of a quality fixed by the U. S. Bureau of Standards for commercial, residential and street lighting, to the amount of \$2500 to be delivered during fiscal year commencing July 1, 1928. Further information obtainable from clerk.

LOS ANGELES, Cal.—Byerts & Dunn, 7908 Santa Monica Blvd., awarded contract by county at \$41,000 to construct 3-story brick and concrete incinerator building, using new Otis elevator (Proposal B). The mechanical work is not included. Bids received May 28 for the mechanical work were rejected.

SACRAMENTO, Cal.—American River Beach Co., operating a pleasure resort on the American River at the H street bridge, plans to install flood lights for illumination in night swimming events; lay out auto parking area and construct shower rooms.

OAKLAND, Cal.—Preliminary drawings have been submitted to City Commissioner Wm. H. Parker for proposed swimming tank and bathhouse on Adams Point in Lakeside Park on the shores of Lake Merritt. Tank will cost between \$20,000 and \$25,000 and the bathhouse between \$50,000 and \$75,000. NOTE—This project was previously reported at Bakersfield, Kern Co., Cal., which was in error.

ALAMEDA, Alameda Co., Cal.—Headed by James A. Talbot, millionaire manufacturer, and with Lieut. George O. No-ville, companion of Commander Richard E. Byrd on his north pole and transatlantic flights, as advisor, the San Francisco Bay Airdrome, Inc., has petitioned the Alameda city council to remove a zoning ordinance amendment barring the conversion of the University of California tidelands into a giant airport. The tideland area, on the west side of Webster street, was ruled as unsatisfactory for airport purposes recently by the council, which held that the land should be utilized industrially. The new corporation proposed to make an initial expenditure of between \$100,000 and \$150,000, if it can use the site.

BUSINESS OPPORTUNITIES

Want Agent

NEW YORK, N. Y.—Brinkvalve Corp. (Mr. Harry Smith), 141 Broadway, New York, has placed on the market a new instantaneous water heater with every safety device which has passed every gas test in the East. The company desires representation in this section.

CHICAGO, Ill.—National Phone Holder Corp., (Mr. R. E. Johns, Manager), 203-219 South Dearborn St., Chicago, manufacturing an extremely simple and useful patented phone-holding device, wish to appoint a selling agent in this territory.

HOUSTON, Texas—Jay H. Skinner Advertising Agency, (Mr. Clarence W. Payne, vice-president), 728-730 Chronicle Bldg., Houston, represents a paint manufacturer who desires connections with a live dealer in this territory and who will

carry a sufficiently large stock to take advantage of promptly filling orders which might accrue from advertising in this locality.

KINGSTON, N. Y.—The DeGarmo Research Corp., Kingston, N. Y., manufacturers of an automatic fire extinguisher, retailing at \$3.50, wish to appoint several representatives in California to handle exclusive territories.

MYRTLE POINT, Ore.—Holt-Chase Cannig Co., Inc., (Mr. A. C. Chase, Manager), Myrtle Point, Ore., seeks connections with furniture manufacturers and prospective buyers of alder lumber; also firms interested in purchasing moss for backing purposes, etc.

UNITED KINGDOM—Mr. E. R. Cawley, British Vice-Consul, Alaska Commercial Bldg., 310 Sansome St., San Francisco, represents a manufacturer of white, uniform shaped paving blocks, made from molten blast furnace slag run into moulds and then annealed and who desires to establish a market on the Pacific Coast for these blocks. Price is

about \$5.50 per ton f. o. b. Middlesbrough, England.

SAN JUAN, Porto Rico.—L. Rodriguez & Co., Apartado 9940, San Juan, Porto Rico, importer and exporters, seeks connections with California lumber mills, dealing in wood for export, as they are interested in purchasing some quantities of wood to sell in Spain. Will furnish A-I banking and commercial references.

Frank Scott of Kelso, was elected president of the Association of Master Plumbers of Washington at the closing convention session held in Bellingham, May 26. C. G. Tegenfeldt, Bellingham, formerly director, zone No. 6, was named vice-president. R. M. Westover and B. H. Richards, treasurer and secretary, respectively, were re-elected. The closing business session was featured by the address of G. H. Wilson of the trade extension bureau, Evansville, Ind., on cost accounting and merchandising.

Quantity - Quality - Service

Larsen's Advance Construction Reports

Your silent salesman—issued every business day in the year—featuring work projected, bids wanted, bids opened and contracts awarded for every class of building; bridges, dams and harbor works; irrigation projects; U. S. Government work and supplies, street, highway and sewer improvements; water works; miscellaneous supplies and equipment, etc., etc.

Larsen's Advance Construction Reports are compiled by a staff of trained correspondents located in the more important business centers in Central and Northern California. Each and every correspondent knows his territory thoroughly and the men most concerned in it, namely, the architects, contractors and material dealers—who keep him or her informed of the latest developments in the construction field in his particular territory.

Larsen's Advance Construction Report Service is a special service compiled at a tremendous cost and yet is sold for a price within the reach of all among which the information should circulate. Each and every report is a prospect for business.

Write for sample copies or have our representative call and explain this service.

Larsen's Advance Construction Reports
547 Mission St. San Francisco, Calif.
Phone Kearny 1252

Engineering News Section

BRIDGES

TULARE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., June 20, to const. 3 reinf. conc. bridges bet. Tulare and Goshen. Project involves: Const. timber detour bridge: 160 cu. yds. rdwy. excav. without classification; 285 cu. yds. struct. excav. without classification; 350 lin. ft. detour surf.; 195 cu. yds. Class "A" and 14 cu. yds. Class "E" cem. conc.; 22,600 lbs. reinf. steel; 240 cu. yds. struct. backfill.

PLACER COUNTY, Cal.—As previously reported, bids will be rec. June 20 by State Highway Comm., to const. reinf. conc. girder bridge over Truckee River at Tahoe City, consisting of four 30-ft. spans on conc. bents and abutments with wing walls. Project involves: Const. timber detour bridge; 1150 cu. yds. channel excav. without classification; 450 cu. yds. struct. excav. without classification; 110 tons detour surf.; 435 cu. yds. Class "A" and 15 cu. yds. Class "E" cem. conc.; 72,000 lbs. reinf. steel; 400 cu. yds. struct. backfill. State will fur. corr. metal pipe and the timber for the detour bridge.

PLACER COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., June 20, to const. reinf. conc. girder overhead crossing over tracks of S. P. R. R. at Weimer, consisting of one 47-ft. 6-in. span, one 46-ft. 1-in. span, four 30-ft. spans and one 28-ft. 6-in. span, on conc. piers and bents on pile foundations. Project involves: 600 cu. yds. struct. excav. without classification; 2700 lin. ft. furnish Douglas fir piles; 100 each, driving Douglas fire piles; 165 cu. yds. Class "B," 570 cu. yds. Class "A" and 25 cu. yds. Class "E" cem. conc.; 113,500 lbs. reinf. steel; 420 cu. yds. struct. backfill.

CONTRA COSTA COUNTY, Cal.—Southern Pacific Co., 65 Market St., San Francisco, has definitely decided to const. double track steel bridge over Carquinez straits bet. Port Costa and Benicia to replace present train ferry operations. All be single level structure of silicon steel and will be located 6½ mi. east of Crockett extending from Army Point on the north shore to Suisun Point on the south. From abutment to abutment the new span will be 5597 feet long with 70 ft. clearance above water at mean high tide; will consist of a 750 ft. steel girder viaduct, ten 480 ft. spans, one 384 ft. deck span and one 327 ft. lift span, all resting on conc. piers. Electrically operated lift span will clear water traffic without opening the draw. When open the span will be 135 ft. above mean water level.

NAPA, Napa Co., Cal.—City Eng. H. A. Harrold completes plans for reinf. conc. bridge over Napa river in Third St., involv. 4000 cu. yds. excavation; 3100 cu. yds. conc.; 358,000 lbs. reinf. steel; 6080 lin. ft. Douglas fir piles. Will consist of 3 spans, 150 ft. long; 60 ft. wide.

STANISLAUS COUNTY, Cal.—Until June 18, 2 P. M., bids will be rec. by R. E. Pierce, dist. eng., State Highway Commission, Capitol Extension Bldg., Sacramento, to grade and surface with oil treated crushed gravel or stone and const. timber trestle approach at the south side of Stanislaus River bridge. See call for bids under official proposal section in this issue.

SANTA ROSA, Sonoma Co., Cal.—Until June 28, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to const. reinf. conc. bridge at Walter Elphick ranch in 2nd Sup. Dist., involv. 88.68 cu. yds. class A conc.; est. cost \$2500. Plans obtainable from County Surveyor E. A. Peugh.

SANTA ROSA, Sonoma Co., Cal.—Until June 28, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to const. reinf. conc. culvert at Sta. 821 plus 55 Petaluma-Valley Ford Highway, in 2nd Sup. Dist., involv. 35.56 cu. yds. class A conc.; est. cost \$950. Plans obtainable from County Surveyor E. A. Peugh.

PETALUMA, Sonoma Co., Calif.—A. Schlunegger, Petaluma, at \$853 awarded contract by city to const. conc. culvert in Keokuk street extension.

SANTA ROSA, Sonoma Co., Cal.—A. T. Howe, Santa Rosa, at \$2,125 awarded contract by county to const. reinf. conc. bridge at Sta. 20-65 State Highway to Glen Ellen road in First Sup. Dist., involv. 80 cu. yds. reinforced conc.

SAN MATEO COUNTY, Cal.—W. T. Burke, 290 Davis St., San Francisco, awarded cont. by J. D. Neal, contractor, to fur. Williams Form Clamps for bridge and culvert on Baysore Highway in San Mateo county.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN RAFAEL, Marin Co., Cal.—Until June 13, 8 P. M., new bids will be received by Oliver Hartzell, Secty., Board of Education, for approx. 80,000 cu. yds. mud fill on high school grounds, also to construct retaining levees for fill. Cert. check 10% req. with bid. Spec. obtainable from Secty. Bids previously received were rejected.

BERKELEY, Alameda Co., Cal.—City Eng. A. J. Eddy making surveys and will submit estimates of cost to city council to fill in 160 acres of land north of the Golden Gate ferry pier to be used for municipal airport. A bond election will be submitted in November to vote funds to finance the project.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozzens making surveys and estimates of cost for control of high waters of the Pajaro river during winter rains. Proposed to dredge river and const. levees.

IRRIGATION PROJECTS

ORANGE COVE, Fresno Co.—Until July 3, 10 A. M., bids will be rec. by L. J. Williams, Secty., Foothill Irrigation District, Sheridan Bldg., Orange Cove, to const. complete system of irrigation works in district. Max W. Enderlein, engineer, Brix Bldg., Fresno. Cert.

The HARD BOILED HAT
is made of fiber, to resist
objects falling on
the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

check 10% req. with bid. Further details on this project will be published in an early issue. Plans obtainable from engineer and on file in offices of the district. See call for bids under official proposal section in this issue

WESTLEY, Stanislaus Co., Cal.—As previously reported, bids will be rec. June 16, 2 P. M., by Elbridge Smith, Secty., West Stanislaus Irrigation District, to const. 2 3-a miles of main canal (under Contract No. 4), from Sta. 125 plus 00 to Sta. 263 plus 00, involv. 120,000 cu. yds. earth excavation and 600,000 sta. yds. of haul. Cert. check 5% payable to district req. with bid. W. F. Wooley, engineer for district. Plans and specifications for this work on file in office of Larsen Advance Construction Reports and may be inspected by those interested.

CALIFORNIA.—Following is a partial list of permits granted by the State Department of Public Works, Division of Water Rights, during the month of May, 1928, to appropriate water:

Permit 3018, (Sutter Co.) Issued to L. Y. Mattez & C. E. Sampson, Los Angeles, for 1.87 c.f.s., from Morrison Slough of Reclamation District 2056 for irrigation on 75 acres of rice. Est. cost \$1000.

Permit 3020, (Siskiyou Co.) Woodfill & Barry of Sawyers Bar, Cal., for 3 c.f.s., from Eddy Gulch for mining purposes. Est. cost \$1000.

Permit 3022, (San Bernardino Co.) Horace M. Dobbins, Pasadena, for 0.25 c.f.s. from an unnamed branch of Lone Pine Canyon for irrigation purposes on 90 acres. Est. cost \$2000.

Permit 3023, (Los Angeles Co.) Joseph Reynier of Newhall, Cal., for .025 c.f.s., from a spring for stock and domestic purposes. Est. cost \$2500.

Permit 3025, (Trinity Co.) Grover Allen Gates of Hayfork, Cal., for 32 c.f.s., from Little Corral Creek for irrigation on 25½ acres and domestic purposes.

Permit 3026, (Tuolumne Co.) Waterford Irrigation District, Waterford, Cal., from Tuolumne River for irrigation purposes on 14,110 acres. Est. cost \$670,000. Permit issued for 100 c.f.s.

Permit 3027, (Humboldt Co.) The Pacific Lumber Company of Scotia, Cal., for 18.6 c.f.s., from El River for domestic and industrial purposes in Sections 7 and 18.

Permit 3029, (Butte Co.) Lucy A. Sweet and John F. Sweet of Biggs, Cal., for 1.85 c.f.s., from Hamilton Slough for irrigation purposes on 74 acres. Est. cost \$1000.

CALIFORNIA.—Following is a partial list of applications filed with State Department of Public Works, Division of Water Rights, during the month of May, 1928, to appropriate water:

Application 5902 (Inyo Co.) Engineers Exploration Corp., 718 Hibernian Bldg., Los Angeles, for .0015 c.f.s. from Bainter Spring for mining and domestic purposes. Est. cost \$1500.

App. 5904 (Sutter Co.) Rio Oro Fruit Co. Inc., Woodbridge, Cal., 11.46 c.f.s., from regulated flow of Bear River, for irrigation purposes on 916.68 acres. Est. cost \$31,000.

App. 5905 (San Bernardino Co.) C. J. Whitlock, H. A. and Geo. Boyer, Box 33, Cajon, Cal., for 1 c.f.s. and 60 ac. ft. per annum from two springs and two streams for domestic and irrigation purposes on 800 acres. Est. cost \$8000.

App. 5907 (San Mateo Co.) J. R. Andrus, Helen Hughes, George E. Carey, Palo Alto, 20 ac. ft. per annum, from unnamed stream for domestic purposes on a subdivision of 90 lots. Est. cost \$3,000.

App. 5908 (Butte and Yuba Cos.) Los Verjels Land & Water Co., Sacramento, 24,000 ac. ft. per annum, from either or both (1) Honcut and (2) Dry Creeks, for irrigation purposes on 15,000 acres. Est. cost \$300,000.

App. 5909 (Trinity Co.) B. P. Viles, Hayfork, Cal., for 0.31 c.f.s. from Butter Creek for domestic purposes and irrigation of 25 acres. Est. cost \$1115.

App. 5912 (Nevada Co.) Claude Fergu-

son, Grass Valley, 3 c.f.s. and 600 acre feet per annum from South Fork of Eucumans Creek for power purposes. Est. cost \$10,000.

App. 5913 (Del Norte Co.) Wirt Lane, Crescent City, for 1/2 c.f.s. from an unnamed stream tributary to Smith River for power purposes to supply light for idylwild Auto Camp. Est. cost \$1200.

App. 5914 (Mendocino Co.) Frederick C. Rockwell, Carmel, for 189 c.f.s. and 137,385 ac. ft. per annum from North Fork of Eel River for power and domestic purposes. Est. cost, \$1,500,000.

App. 5915 (Mendocino Co.) Frederick C. Rockwell, Carmel, for 2100 c.f.s. from North Fork of Eel River for municipal purposes to supply Eureka and intervening towns and for Petaluma and intervening towns.

App. 5916 (Colusa Co.) Mrs. L. L. Beckley et al, Grimes, Cal., for 19 c.f.s. from Sacramento River for agricultural purposes on 851.36 acres. Est. cost \$12,249.

App. 5917 (San Bernardino Co.) John C. Baldrige, Lucerne Valley, Cal., for .125 c.f.s. from Bluebird Spring for irrigation and domestic purposes on 40 acres. Est. cost, \$2000.

App. 5918 (San Luis Obispo Co.) Paso Robles Beach Co., Paso Robles, for .77 c.f.s. from Old Creek tributary to Pacific Ocean for domestic purposes.

App. 5919 (San Bernardino Co.) H. W. Luetzow et al, of Needles, Cal., for .5 c.f.s. from Piute Springs for mining purposes. Est. cost \$10,000.

App. 5921 (El Dorado Co.) L. F. Herrick and E. W. Woodard, Berkeley, for 1 c.f.s. and 100 ac. ft. per annum from Stony Ridge Lake and Meek's Creek for power purposes, 45.5 theoretical hp. to be developed.

App. 5925 (Trinity Co.) R. S. Gourley, Hyampom, Cal., for 1 c.f.s. from Buckhorn and Allen creeks for irrigation and domestic purposes on 80 acres. Est. cost \$1000.

App. 5926 (San Diego Co.) Southwestern California Mines Inc., San Diego, for 1 c.f.s. and 155 ac. ft. per annum from Wash Hollow for mining purposes. Est. cost \$30,000.

App. 5929 (San Bernardino Co.) Ira W. Martin, Pasadena, for .22 c.f.s. from tunnel tributary to no stream for mining and domestic purposes. Est. cost \$1500.

App. 5930 (San Bernardino Co.) A. C. Watson, Hollywood, for 1 c.f.s. from unnamed stream for mining purposes. Est. cost \$2000.

LIGHTING SYSTEMS

SAN GABRIEL, Cal.—City plans lighting system in Del Mar Ave. bet. Main St. to Mission Drive, and portions of other streets. 1911 Act. Lalux Granite lighting standards.

SAN JOSE, Santa Clara Co., Cal.—Until June 18, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4114) to imp. San Antonio St. bet. 4th and 2nd Sts., involv. installation of 12 c. i. duplex (San Jose design) electroliers together with underground system. 1911 Act. Bond Act 1915. Cert. check 10% payable to city reg. Wm. Popp, city eng.

MACHINERY AND EQUIPMENT

MERCED, Merced Co., Cal.—Until June 18, 8 P. M., bids will be rec. by N. S. Peck, clerk, Merced Union High School

District, to fur. and del. two 50-passenger school busses on Graham Bros. Model TDX chassis, lengthened to 230-in. wheel base. Tire equipment to be 32x6 single tires on front wheels and 32x6 tires on rear wheels. Spec. obtainable from above on request.

OAKLAND, Cal.—Until June 7, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to fur. and del. one heavy-duty combined scarifier and grader. Bond of \$750 req. of successful bidder. Delivery to be made 30 days after award of contract. Spec. on file in office of clerk.

REWARD, Kern Co., Cal.—Until June 15, 2 P. M., bids will be rec. by H. G. Ball, clerk, Olig School District, to fur. one school bus chassis; also for one 7-seat Johnston bus body to be placed on chassis. Bids to be f.o.b. Olig school. Delivery Sept. 1. Bids will also be considered for sale of one used 1922, Model 50, White chassis, 6-seat bus body no longer required by district. Further information obtainable from clerk.

DOS PALOS, Merced Co., Cal.—Until July 14, 2 P. M., bids will be rec. by Claude O'Banion, clerk, Bryant School District, to fur and del school bus; capacity of 35 elementary pupils; price not to exceed \$3000. Cert check 5% payable to dist. req. with bid. Further information obtainable from clerk.

FRESNO, Fresno Co., Cal.—Fresno Colony School District will vote direct tax June 27 for \$1200 to finance purchase of motor school bus. Mrs. Zada B. Ericson, P. L. Chandler, C. D. Maxon and A. L. Ogden are trustees of the district.

FIRE EQUIPMENT

BERKELEY, Alameda Co., Cal.—Until June 12, 10 A. M., bids will be received by Emma M. Hann, city clerk, to fur. fire hose, f. o. b. Berkeley, as will be required during the fiscal year commencing July 1, 1928. Specifications obtainable from city clerk.

MISCELLANEOUS SUPPLIES

BERKELEY, Alameda Co., Cal.—Petroleum Products Corp., awarded cont. by city to fur. lubricating oil at 54c extra heavy; 49c for heavy; 48c for medium and 42c for light.

RESERVOIRS AND DAMS

SAN ANDREAS, Calaveras Co., Cal.—Utica Mining Co., is assembling materials and equipment for the const. of a dam on Highland Creek, tributary to the north fork of the Stanislaus river, to be earth fill type, 65-ft. high, 435-ft. long, impounding 9,000 ac. ft. of water.

SEWAGE DISPOSAL PLANTS

LODI, San Joaquin Co., Cal.—Jules Perrin, Lodi, at \$2,041.78 awarded cont. by city to const. additional sludge drying beds at sewage disposal plant. W. R. Meyer, Modesto, only other bidder at \$2,224.50.

WATER WORKS

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids wanted for water supply system at Radio Station, Point Arguello.

LOS ANGELES, Cal.—Until 3 P. M., June 12, bids will be rec. by water and power commission to fur. cast iron pipe under spec. W-899 as follows: 37,152 ft. 6-in., 10,752 ft. 8-in., 5,248 ft. 12-in., and 14,400 ft. 20-in. class B, all in 16-ft. lengths. Alt. bids will be considered on centrifugally cast, class 250, or equal. Total order amounts as per above to 2,325.74 tons. James P. Vroman, secretary.

SAN DIEGO, Cal.—Pittsburgh-Des Moines Steel Co., 554 S. San Pedro St., awarded contract by city purchasing agent at \$10,299 to const. 150,000-gallon elevator steel water tank and a pump house for the Encanto district.

SAN DIEGO, Cal.—Miracle Constr. Co., 4500 Menlo St., awarded cont. by county at \$21,477.50 to fur. and lay 20,000 ft. of cast iron water pipe below Chula Vista to provide a water supply for Otay District; A. & I. No. 44.

PHOENIX, Ariz.—Until 10 A. M., June 6, bids will be rec. by city for the following, f. o. b. Phoenix: 5000 ft. 2-in., 600 ft. 4-in., 1000 ft. 6-in. and 1100 ft. 8-in. class "B" Bell and Spigot cast iron pipe. All to be of a class to stand a working pressure of 85 lbs. per sq. inch. Alt. bids will be considered on other makes and weights of pipe guaranteed by the manufacturer for the pressure specified; cert. check for 5% payable to the City reg. Wm. F. Clark, city manager.

NAPA, Napa Co., Cal.—Pacific States C. I. Pipe Co., 111 Sutter St., San Francisco, at \$1519.40 awarded cont. by city to fur. 1,000 feet 8-in., and 500 feet 6-in. pipe for Napa city water dept.

WESTLEY, Stanislaus Co., Cal.—Until July 14, 2 P. M., bids will be rec. by Elbridge Smith, Secy., West Stanislaus Irrigation District, to fur. 17 electrically driven pumping units, eleven discharge pipes and valves for future pumps, six outdoor switch structures and eighteen transformers. Bids will be taken under various schedules as more fully described in official proposal. Cert. check 5% req. with bid. W. F. Woollev, chief engineer for district, Patterson, Calif. Spec. obtainable from eng. or from secy. of district on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

LOVELOCK, Nevada—Holcener Construction Co., 2608 R St., Sacramento, at \$63,318.11 awarded cont. by city to fur. and install c. i. pipe system involv. 4000 lin. ft. 14-in., 20,000 lin. ft. 12-in., 3000 lin. ft. 10-in. c. i. pipe (to be high tensile strength either centrifugal cast or McWane), 12,000 cu. yds. excavation and backfill; one recording Venturi meter; miscellaneous air, vacuum, pressure, shut-off, blow-off and regulating valves; revising of pump house piping. King & Malone, engineers, Cladinos Bldg., Reno, Nevada. Wheelwright Constr. Co., Ogden, Utah, \$63,699.90.

OAKLAND, Cal.—Byron Jackson Pump Mfg. Co., 55 New Montgomery St., San Francisco, at \$1,519 awarded cont. by City Port Commission to fur. and install 16-in. drainage pump at Municipal Airport.

BLACK BEAR, Siskiyou Co., Cal.—Big Black Bear Gold Mine Co., Yreka, Cal., is in the market for 1,550-ft. of 10-in. to 8-in. tarred, or otherwise protected from the elements, steel pipe, to conduct water from flume to Pelton water wheel and of sufficient gauge to answer the purpose under 700-ft. head; also 1,500 ft. of 2-in. boiler tubing or reconditioned screw casing to conduct air from air compressor to mine tar dinned; and 800-ft. of 1 1/4-in. similar pipe to serve air drills within tunnel, also dinned in tar. Company prefers prices f. o. b. Yreka, also desire shipping weights and catalogs and wish to know to what pressure the last two items are guaranteed.

H A M P T O N

ELECTRIC AND MFG. CO

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

PLAYGROUNDS AND PARKS

SAN FRANCISCO, Cal.—The following bids were received by Veda B. Young, Secty., Playground Commission, 276 City Hall, for fencing at Jas. Ralph Jr. Playground at 26th St. and Potrero Ave: Anchor Chain Post Fence Co., 761 Bryant St. \$838.70
West Coast Wire and Iron Works, San Francisco. 854.04
Michel and Pfeffer Iron Works, San Francisco. 861
Standard Fence Co., San Francisco 873.12
Bids taken under advisement.

LONG BEACH, Cal.—A total of \$500,000 for improvements to the municipal park system has been asked in the next budget by Walter R. Fleming, director of public service department.

SEWERS AND STREET WORK

STOCKTON, San Joaquin Co., Cal.—Valley Paving & Constr. Co., Visalia, at \$10,971 sub. low bid to city to imp. south ½ of Harding Way fronting state property, involv. grade; curbs; gutters; 46,121 sq. ft. 2 ½ in. cem. gravel base, 3 ½ in. asph. base, 1 ½ in. asph. surface. J. E. Johnston, Stockton, next low at \$12,903. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—Valley Paving & Const. Co., Visalia, sub. low bid to city at \$15,096 to city to imp. portions of E-Hazelton Ave., involv. grade; curbs; gutters; walks; 57,873 sq. ft. 2-in. cem. gravel base with storm. Co., San Francisco, next low at \$16,379. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Until June 11, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4149) to imp. portions of Montgomery St. and St. Augustine St., involv. grade; 2-in. asph. conc. surface pave., 3 ½-in. asph. conc. base; conc. curb, gutters, walks; 6-in. vit. san. sewer; br. manhole; vit. pipe house laterals. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4214) to imp. 9th St., bet. Empire and Jackson Sts., involv. grade; 1 ½-in. asph. conc. surface, 3-in. asph. conc. base pave.; cem. conc. curb, gutter, walks; 4-in. vit. house sewer laterals. 1911 Act, Bond Act 1915. Protests June 25: J. J. Lynch, city clerk. Wm. Popp, city engineer.

MARTINEZ, Contra Costa Co., Cal.—Until June 18, 11 A. M., bids will be rec. by county to const. roadway from Crockett to Cowell, Division 47, County Highway System, involv. 1278 tons base rock; 682 tons top rock and screenings; 50 ½ tons asph. Spec. obtainable from County Surveyor R. R. Arnold.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 11, 9 A. M., bids will be rec. by S. A. Evans, city clerk (415-C) to imp. portions of Main St., involv. 5-in. conc. pave., conc. walks and curbs. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Roy Fowler, city engineer.

STOCKTON, San Joaquin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. Curry Ave. from Kettleman Lane to Alpine Ave. in Realty Tract. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans obtainable from F. E. Smith, county surveyor.

SAN CARLOS, San Mateo Co., Cal.—Until June 14, 8 P. M., bids will be rec. by city trustees to imp. portions of Phelps Rd., Hillcrest Rd., etc., involv. 25,000 cu. yds. grading; 249,600 sq. ft. 4-in. macadam base, 3-in. asph. surface; 130,000 sq. ft. 4-in. macadam base, macadam and oil and rock screenings surface; 50,000 sq. ft. 2-in. macadam pave. with oil and rock screenings surface; curbs, gutters; vit. sewers; conc. storm sewers; catchbasins, etc. Plans obtainable from Geo. A. Kneese, engineer, Courthouse, Redwood City.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4215) to imp. 11th St. bet. Hayes St. and south termination of 11th St., involv. grade; 1 ½-in. asph. conc. surfaces, 3-in. asph. conc. base pave.; cem. conc. curb, gutter, walks; 4-in. vit. lateral sewers; 6-in. vit. san. sewer extension. 1911 Act, Bond Act 1915. Protests June 25: John J. Lynch, city clerk. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4213) to imp. Polar Ave. bet. Hobson and George St. and Acacia Ave. bet. Poplar Ave., pt. 4-ft. east, involv. grade; 1 ½-in. asph. conc. surface, 2 ½-in. asph. conc. base pave.; hyd. conc. curb, gutter; cem. conc. walks; 4-in. vit. pipe sewer laterals. 1911 Act, Bond Act 1915. Protests June 25: John J. Lynch, city clerk. Wm. Popp, city eng.

OAKLAND, Cal.—Until June 11, 10:30 A. M., bids will be rec. by Geo. E. Gross, county clerk, to imp. Beck Rd., involv. 440,000 sq. ft. oil surface. Cert. check 10% payable to clerk req. with bid. Spec. obtainable from County Surveyor Geo. A. Posey.

OAKLAND, Cal.—Until June 18, 10:30 A. M., bids will be rec. by Geo. E. Gross, County Clerk, to imp. Bernal Rd., involv. 150,000 sq. ft. oil surfacing. Cert. check 10% payable to clerk req. with bid. Spec. obtainable from County Surveyor Geo. A. Posey.

OAKLAND, Cal.—City declares inten. to imp. 73rd Ave. bet. Diana Ave. and Simson St. and portions of Diana Ave. adjacent to 73rd Ave., involv. grade; curbs; gutters; pave.; walks; conduit; storm water drains. 1911 Act. Protests June 21: Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

SAN FRANCISCO.—Board of Supervisors has authorized Board of Public Works to ask bids to const. 2,000 feet of Bay Shore Highway bet. Third St. and San Bruno Ave.; est. cost \$190,000. M. M. O'Shaughnessy, city eng.

BENICIA, Solano Co., Cal.—Until June 14, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, San Francisco, to lay oiled macadam floors in Artillery Storehouse No. 71 at Benicia Arsenal. See call for bids under official proposal section in this issue.

BENICIA, Solano Co., Cal.—Until June 14, 11 A. M., bids will be received by Constructing Quartermaster, Fort Mason, San Francisco, for road repairs at Benicia Arsenal. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Until June 5, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, to scarify, patch, surface with rock, asphalt and screenings various Sts., during fiscal year commencing July 1, 1928. Spec. on file in office of clerk. A. J. Eddy, city engineer.

OAKLAND, Cal.—City declares inten. to sewer 5th St. bet. Grove and Jefferson Sts., including manhole, lamphole and wye branches. 1911 Act. Protests June 14: Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—City declares inten. to imp. Broadway bet. Ocean View Dr. and Patton St. and portions of Patton St., Broadway Extension and Brookside Place adjacent to Broadway, involv. grade; curbs; gutters; pave.; walks; retaining walls; conduits; storm water inlets; sewers; manholes, etc. 1911 Act. Protests June 14: Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until June 18, 10:30 A. M., bids will be rec. by Geo. E. Gross, county clerk, to const. cem. conc. pavement in Estuary Subway bet. Oakland and Alameda. Est. cost \$42,000. Geo. A. Posey, county surveyor. Cert. check 10 per cent payable to clerk req. with bid. Plans on file in office of clerk and obtainable on deposit of \$25, returnable.

STOCKTON, San Joaquin Co., Cal.—N. M. Bell, Porterville, at \$61,699 sub. low bid to city to imp. Sts. in Oxford Manor, etc., involv. 12,753 cu. yds. cut:

cem. walks; 247,832 sq. ft. 5-in. conc. pave. M. J. Bevanda, Stockton, next low at \$68,256. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—Fredrickson & Watson, 1st Nat'l Bank Bldg., Stockton, and C. W. Wood, Builders' Bldg., Stockton, at \$4937 sub. identical bids to city to imp. bet. car tracks in portions of Kensington Way, etc., involv. 24,689 sq. ft. 5-in. conc. pave. M. J. Bevanda, Stockton, next low at \$5135. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—Valley Paving & Constr. Co., Visalia, at \$46,633 sub. low bid to city to imp. Harding Way, bet. California and city limits, involv. 10,008 cu. yds. cut; 2394 cu. yds. fill; 196,870 sq. ft. 2 ½-in. cem. gravel base, 3 ½-in. asph. conc. base, 1 ½ in. asph. conc. surface; walks; curbs; gutters. J. E. Johnston, Stockton, next low at \$53,902. Taken under advisement.

OAKLAND, Cal.—F. M. Holley, 29 Portsmouth Rd., Oakland, awarded cont. by city to sewer 6th St., bet. Jackson and Alice Sts., involv. 8-in. sewer, \$2.25; 12-in. lamphole, \$20; 8-in. lamphole, \$15; wye branches, \$1 each.

SHASTA COUNTY, Cal.—Following bids rec. June 6 by State Highway Comm. to grade and surface with crushed gravel or stone, 5.8 miles in Shasta county bet. Shotgun Creek and Conant: Matthews Const. Co., Forum Bldg., Sacramento \$266,107
Kern & Kibbe, Portland, Ore. 275,065.95
Ward Engineering Co., S. F. 298,531.05
J. T. Logan, Medford, Oregon. 305,448
Engineer's estimate. 359,909.60

PLACER-NEVADA COUNTIES, Cal.—Following bids rec. June 6 by State Highway Comm. to grade and surface with oil treated crushed gravel or stone, 7.4-mi. bet. Big Bend and Soda Springs: Mankel & Starring, Sacto. \$319,897.06
Holdener Const. Co., Sacto. 449,326
Engineers' estimate. 290,996

INYO COUNTY, Cal.—The Southwest Paving Co., Washington Bldg., Los Angeles, at \$79,112 was awarded the contract by State Highway Comm. to grade and surface with crushed gravel or stone oil treated 8.5 miles bet. Diaz Lake and Alabama Gate.

INYO COUNTY, Cal.—Montford and Armstrong, Sacramento, at \$32,809 were awarded the contract by State Highway Comm. to surface with oil treated crushed gravel or stone, 6.8 miles bet. Tinemaha Dam and Big Pine.

YOLO COUNTY, Cal.—B. McDonald, 2521 Y St., Sacramento, at \$14,252 was awarded the contract by State Highway Comm. to grade and oil treat rock borders constructed, 1.5-mi. bet. Yolo Causeway and 1 ½-mi. east.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (665) to imp. portions of Channing Ave., Guinda St., and Lincoln Ave., involv. 2,435 cu. yds. rough grading; 159,770 sq. ft. finish grading; 145,950 sq. ft. 6-in. conc. pave.; 2,965 lin. ft. conc. curb; 1,140 sq. ft. conc. sidewalk corners; 9,126 sq. ft. cem. walks; 17 driveways; 23 sewer and 23 water connections. 1911 Act, Bond Act 1915. Protests June 11: E. L. Beach, city clerk. J. F. Byxbee Jr., city eng.

HANFORD, Kings Co., Cal.—County Surveyor Roy L. May preparing spec. to pave strip 450-ft. long and 22-ft. wide on west side of Lemoore high school; asph. conc. pavement.

SAN RAFAEL, Marin Co., Cal.—County Surveyor Rodney Messner preparing spec. for conc. sidewalk from Kentfield station to entrance of junior high school; approx. 1,000-ft. long.

SAN FRANCISCO.—L. J. Cohn, 117 Montgomery St., at \$224,347.98 sub. low bid to Board Public Works to construct Sec. A, Bay Shore Blvd. bet. Potrero and Silver Aves., involv. in the main 51,391 cu. yds. excavation; 471,527 sq. ft. asph. conc. pave.; 39,000 sq. ft. oil macadam pave., curbs, gutters, sewers, etc. Next two low bidders were: Pacific States Construction Co., \$228,461.20; Fay Imp. Co., \$230,299.30.

RICHMOND, Contra Costa Co., Cal.—Perez Bros., Richmond, at \$20,671 sub. low bid to city, (454) to imp. Key Blvd., bet. Nevin and Macdonald Aves., Prather Ave., bet. San Pablo Ave. and Carleton St., and Carleton St., bet. Nevin and Prather Aves., and portions of Nevin and Macdonald Aves., involv. grade; 4-in. broken rock cushion with 6-in. cem. conc. pave. and asph. and broken rock surface; cem. conc. curb, gutters, walks, catch-basins, etc., corr. iron culverts; vit. sewers. (Some portions to be paved with 6-in. and 8-in. Richmond Standard macadam). Other bids, all taken under advisement until June 11, were: G. W. Cushing, \$20,811.50; S. C. Rogers, \$21,169; L. L. Page, \$21,345.25; Hutchinsonson Co., \$24,330.70. Eng. est., \$22,200.

SAN FRANCISCO—Until June 20, 3 P. M., bids will be rec. by Board of Public Works, to const. art. stone walks in portions of Potrero Ave., 18th St., Vermont Sts., etc. Spec. obtainable from Bureau of Engineering, 3rd Floor, City Hall.

VALLEJO, Solano Co., Cal.—Until June 15, 11 A. M., bids will be rec. by Alf. E. Edgumbe, city clerk, (142) to imp. Hudson Alley from Alondor St. to Contra Costa St., involv. excav., filling, 3"x12" redwood plank curbs, 16 ft. Portland cem. conc. pave. 5-in. thick, etc. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk T. D. Kilkenny, city engineer.

PALO ALTO, Santa Clara Co., Cal.—City declares inten. (663) to imp. portions of Kellogg Ave. and Santa Rita Ave., involv. 2000 cu. yds. rough grading; 98-725 sq. ft. finish grading; 58,610 sq. ft. 6-in. conc. pave; 4667 lin. ft. conc. curb; 5 sidewalk corners; 6192 sq. ft. cem. walks; 24 driveways; 34 water connections; 34 sewer connections. 1911 Act, Bond Act 1915. Protests June 11. E. L. Beach, city clerk. J. F. Byxbee Jr., city eng.

BERKELEY, Alameda Co., Cal.—California Pottery Co., 11th and Harrison Sts. San Francisco, awarded cont. by city to fur. and del. sewer pipe during the fiscal year 1928-29.

GRAHAM COUNTY, Ariz.—Until 10 A. M., June 19, bids will be rec. by Bureau of Public Roads, 411 Ellis Bldg., Phoenix, to grade Sect. 2-A, Swift Trail, Major Forest Development, located in Crook National Forest, Graham County, 2796 miles. Invol. 1 1/2 acres clearing; 30,520 cu. yds. excav. unclass.; 738 cu. yds. excav. for struct.; 819 cu. yds. borrow unclass.; 3672 sta. yds. overhaul; 2796 miles finish earth graded roads; 123 cu. yds. cem. rubble masonry; 1870 lin. ft. C. M. pipe, haul and place; 234 cu. yds. hand placed embankment; 7000 lin. ft. protection ditch. Plans obtainable from eng. C. H. Sweetser at above address. Proposal guaranty, 5%.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 18, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (417-C) to imp. Woodrow Ave., bet. Pelton Ave. and Cliff Drive and Cliff Dr., bet. Woodrow Ave. and Columbia St., involv. vit. clay pipe main san. sewer with wyes; br. manholes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. Roy Fowler, city engineer.

STOCKTON, San Joaquin Co., Cal.—N. M. Ball, Porterville, at \$61,699 awarded cont. by city to imp. streets in Oxford Manor, etc., involv. 12,753 cu. yds. cut; cem. walks; 247,832 sq. ft. 5-in. conc. pave.

STOCKTON, San Joaquin Co., Cal.—Valley Paving and Const. Co., Visalia, at \$46,633 awarded cont. by city to imp. Harding Way, bet. California and city limits. Invol. 10,008 cu. yds. cut; 2394 cu. yds. fill; 196,870 sq. ft. 2 1/2-in. cem. gravel base, 3 1/2-in. asph. conc. base, 1 1/2-in. asph. conc. surface; walks; curbs; gutters.

HUMBOLDT-MENDOCINO COUNTIES, Cal.—Smith Bros. Co., Eureka, at \$13,860 (Eng. est. \$13,530) awarded cont. by State Highway Comm. to fur. crushed gravel or stone graded from 3/4-in. to 3/8-in. in designated stock piles along approx. 51.5 miles of state highway in counties of Humboldt and Mendocino bet. Myers and Laytonville.

SANTA ROSA, Sonoma Co., Cal.—J. B. Galbraith, Santa Rosa, at \$23,613 awarded cont. by county to imp. 1.6 miles of Middle Two Rock Rd., involv. 2106 cu. yds. conc. pave.; 2500 cu. yds. excavation; conc. headwalls and 15-in. corr. culvert.

STOCKTON, San Joaquin Co., Cal.—Valley Paving & Constr. Co., Visalia, at \$10,971 awarded cont. by city to imp. south 1/2 of Harding Way fronting state property, involv. grade; curbs; gutters; 46,121 sq. ft. 2 1/2 in. cem. gravel base, 3 1/2 in. asph. base, 1 1/2 in. asph. surface.

STOCKTON, San Joaquin Co., Cal.—Valley Paving & Constr. Co., Visalia, awarded cont. by city at \$15,096 to imp. portions of E-Hazelton Ave., involv. grade; curbs; gutters; walks; 7,878 sq. ft. 2-in. cem. gravel base, etc.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood, Builders' Bldg., Stockton, at \$4937 awarded cont. by city to imp. bet. car tracks in portions of Kensington Way, etc., involv. 24,689 sq. ft. 5-in. conc. pave.

MARTINEZ, Contra Costa Co., Cal.—George French Jr., Walnut Creek, awarded cont. by county at \$24,288 for 5500 ft. asph. macadam pave. on Dainty road, near Brentwood.

MARTINEZ, Contra Costa Co., Cal.—Triberti & Massaro at \$24,366 awarded cont. by county for 4873 ft. conc. pave. on Concord-Avon highway, near plant of Associated Oil Co.

GONZALES, Monterey Co., Cal.—Special election has been called for July 10 to vote on formation of sanitary district. If election carries, a bond issue for approx. \$40,000 will be submitted to finance const. of sewer system.

PETALUMA, Sonoma Co., Cal.—Until June 18, 7:30 P. M., bids will be rec. by Gladys V. Roberts, city clerk, (3701) to imp. Fifth St., bet. I St. and Mountain View Ave., involv. fill, grade; oil bound macadam pave.; conc. curb and gutter. 1911 Act, Bond Act 1915. Cert. check 10% req. with bid. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by city to imp. Edwards Ave., bet. Almaden Ave. and Palm St., involv. grade; 1 1/2-in. asph. conc. surface, 2 1/2-in. asph. conc. base pave.; hyd. conc. gutters, curbs; walks; 6-in. conc. alley driveway; 6-in. vitrified sewers; lampholes.

TRACY, San Joaquin Co., Cal.—Until June 19, 8:30 P. M., bids will be rec. by Geo. L. Frerichs, (125) to imp. portions of Highland and Beverdore Aves., involv. 8-in. vit. sewer; manholes; flush-tanks; 4-in. vit. house connections. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. E. T. A. Bartlett, city eng.

OAKLAND, Cal.—City declares inten. to imp. 19th St. bet. Jackson St. and Lakeside Dr., and portion of Jackson St., adjacent to 19th St., involv. grade; curbs; gutters; pave.; conduit. 1911 Act. Protests June 21. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

TRACY, San Joaquin Co., Cal.—Until June 19, 8 P. M., bids will be rec. by Geo. L. Frerichs, city clerk, to const. 8-in. vit. sewer; conc. and br. manholes; flush-tank; wye branches; 6-in. c. l. water mains; fire hydrants; gate valves. Cert. Check 10% payable to city req. with bid. Plans on file in office of clerk. E. T. A. Bartlett, city eng.

SANTA MARIA, Santa Barbara Co., Cal.—Until June 18, 7:30 P. M., bids will be rec. by Flora A. Rivers, city clerk, to imp. Elizabeth Ave. bet. Main and Fessler Sts., and portions of other streets, involv. grading, curbs, walks, 4-in. C. l. water mains, hydrants, valves, etc. 1911 Act. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

REDDING, Shasta Co., Cal.—City Eng. Carl Mau preparing estimates of cost to place solid surface of oil asphaltum on various streets in residence district.

STOCKTON, San Joaquin Co., Cal.—E. A. Burns, 1215 North Baker St., Stockton, awarded cont. by city to sewer 100 ft. St. bet. El Dorado and Center Sts., and in Taylor St. bet. Hunter and San Joaquin Sts., 90 lin. ft. 4-in. vit. clay pipe, including 9 4-in. curves, 1 lin. ft.; 626.15 lin. ft. 6-in., do with 9 6x4-in. wye branches, \$1.25 lin. ft.; 1 4-ft. dia. manhole, using existing frame and cover, \$75; 1 4-ft. dia. manhole, complete, \$100; 2 lampholes, including 18 lin. ft. 6-in. pipe and 2 6-in. dia. 45 deg. curves, \$20 each.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City declares inten. (59) to imp. portions of Grand, Chestnut, Commercial, Eucalyptus, Orange, Railroad Aves., etc., involv. grade, comb. conc. curbs and gutters, hyd. cam. conc. walks, 2-in. asph. conc. pave. on 4-in. asph. conc. base, br. storm water catchbasins, vit. sewers, lateral sewers, etc. 1911 Act. Bond Act 1915. Protests June 18. Daniel McSweeney, city clerk. Geo. A. Kneese, city engineer.

FRESNO, Fresno Co., Cal.—Until June 14, 10:30 A. M., bids will be rec. by H. S. Foster, city clerk (79-D) to imp. Clinton Ave. bet. Wilson Ave. and Van Ness Blvd., and Fern Ave. bet. Linden Ave. and Wishon Ave., involv. grade and re-grade; conc. curbs, gutters and walks; corr. metal culverts; 3 1/2-in. asph. conc. base pavement, 1 1/2-in. Warrenite-bit. surface. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. A. M. Jensen, city eng.

ROSS, Marin Co., Cal.—Town trustees will start proceedings shortly for sewers in Redwood Drive district.

FAIRFAX, Marin Co., Cal.—County Sanitary District No. 1 is having surveys made for extension of sewers in various sections of the district.

OAKLAND, Cal.—Until June 14, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to const. sewer with manhole, drop-connection and wye branches in portion of Edith St. 1911 Act. Cert. check 10% payable to city req. with bid. Spec. on file in office of clerk. Geo. N. Randle, city eng.

SEATTLE, Wash.—Florito Bros., 3950 Sixth Ave. northwest, at \$232,248 sub. low bid to Board of Public Works to sewer 16th Ave. south, et al., involv. sand cast pipe and \$232,025 on centrifugal cast pipe. Taken under advisement.

SEATTLE, Wash.—Erickson Paving Co., Seattle, at \$110,022 for sand cast pipe and \$109,717 for centrifugal pipe, sub. low bids to Board of Public Works to sewer 1st Ave. northwest, et al. Taken under advisement.

SAN RAFAEL, Marin Co., Cal.—Proceedings will be started by city to imp. 5th Ave., Greenfield Ave., and adjacent Sts. and Tamalpais Ave., involv. expenditure of approx. \$100,000.

VALLEJO, Solano Co., Cal.—Until June 12, 11 A. M., bids will be rec. by Alf. E. Edgumbe, city clerk, (141) to imp. Alabama St. bet. Napa Rd. and Monterey St., involv. grade; comb. conc. curb and gutter; house lateral sewers; storm water drain and inlets; 3-in. asph. conc. base, 2-in. asph. conc. surface pavement. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. T. D. Kilkenny, city engineer.

SACRAMENTO, Cal.—McGillivray Construction Co., Folsom Blvd., Sacramento, awarded cont. by city (2242) to imp. 22nd St. bet. Folsom Blvd. and Q St., involv. conc. curb and gutter; c. l. drains; vit. sewers; reconstr. manholes; 1-in. water main connections; grade, asph. conc. pave. with seal coat.

SACRAMENTO, Cal.—McGillivray Construction Co., Folsom Blvd., Sacramento, awarded cont. by city (2243) to imp. alley along north boundary of S. P. right-of-way, an extension to the alley being along south boundary of Wright & Kimbrough Tract No. 24 Addition Invol. conc. curb and gutter; c. l. drains; vit. sewers; reconstr. manhole; grade; asph. conc. pave. with seal coat.

inten. (2248) to imp. 35th St., from 9th Ave. to pt. 270.35 ft. south, involv. conc. curb, gutter; c. i. drains; vit. sewers; const. manhole; 1-in. water main connections; grade; asph. conc. pave with seal coat. 1911 Act. Bond Act 1915. Protests June 21. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

SAN JOSE, Santa Clara Co., Cal.—W. A. Dontanville, Salinas, at \$22,135 sub. low bid to county to imp. Prospect Road, involv. 207,990 sq. ft. oil macadam pave. Surveyor's est. \$17,920. Bid rejected and work ordered done by force account under supervision of County Surveyor Robt. Chandler.

SAN JOSE, Santa Clara Co., Cal.—Granite Construction Co., Watsonville, at \$37,983 awarded cont. by county to imp. Watsonville Rd., involv. 231,260 sq. ft. oil macadam pavement. Other bids: F. H. Ritchie, San Jose, \$41,780; W. A. Dontanville, Salinas, \$41,835; Blanchard Co., San Francisco, \$46,900. Surveyor's est., \$42,840.

MONO COUNTY, Cal.—Until June 27, 2 P. M., bids will be rec. by State Highway Comm. to grade 2.1 mi. bet. Dogtown and Point Ranch. See call for bids under official proposal section in this issue.

SONORA, Tuolumne Co., Cal.—Sam J. Simpson, San Andreas, at \$13,380 awarded cont. by county to imp. 5-mi. of La Grange Rd. in Rd. Dist. No. 5. Adams Construction Co., Angels Camp, at \$24,547, only other bidder.

EUREKA, Humboldt Co., Cal.—City declares inten. (225) to imp. portions of Harris St. (Harris St. widening under Acq. & Imp. Dist. No. 1), involv. grade; 3½-in. asph. conc. base, 1½-in. Warrenite-Bit surface pavement; cem. conc. walks; curbs; 6-in. tile drain, etc. Acq. & Imp. Dist. of 1925. Hearing June 15. A. Walter Kildale, city clerk.

PIEDMONT, Alameda Co., Cal.—City declares inten. to imp. portions of James Dr. bet. west line of Lot 130 and west line of Lot 141, St. James Wood, involv. grade; pave.; curbs; gutters; walks; catchbasins. 1911 Act. Protests June 11. Weare C. Little, city clerk.

YOLO COUNTY, Cal.—Following are three bids rec. May 31 by State Highway Comm. to grade and oil treat rock borders constructed, 1.5 mi. long bet. Yolo Causeway and 1½-mi. east: G. McDonald, 2521 Y St., Sacramento, \$14,252; Larsen Bros., Sonoma, \$16,462; Mathews Constr. Co., Sacramento, \$17,471. Eng. est. \$23,077.

INYO COUNTY, Cal.—Following are three low bids rec. May 31 by State Highway Comm. to grade and surface with crushed gravel or stone oil treated 4.5 mi. bet. Diaz Lake and Alameda Gate: Southwestern Paving Co., Washington Bldg., Los Angeles, \$79,112; G. E. Fennell, Sacramento, \$80,770; Tiesau Bros., Berkeley, \$84,478; eng. est., \$87,187.

INYO COUNTY, Cal.—Following are three low bids rec. May 31 by State Highway Comm. to surface with oil treated crushed gravel or stone, 6.8 mi. bet. Tinnemaha Dam and Big Pine: Montfort & Armstrong, Sacramento, \$32,809; Harry Wilson, Lone Pine, \$34,440; Southwest Paving Co., Los Angeles, \$37,040. Eng. est., \$42,120.

GLENN COUNTY, Cal.—Following bids rec. May 30 by Division Engineer P. W. Hazelwood, Dist. Eng., State Highway Commission, Sacramento, for 1 mi. of gravel surface treated with fuel oil, bet. Orland and Hamilton City: A. Feichert & Son, Sacramento, \$7656; E. B. Skeels, Roseville, \$8050.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4217) to imp. Stockton Ave. bet. Emory and The Alameda, involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. base pave.; and resurface portions of present pave. with 1½-in. asph. conc. surface; cem. conc. curbs, gutters, walks; conc. driveways; 4-in. vit. lateral sewers; 6-in. vit. pipe san. sewers; br. manholes. 1911 Act. Bond Act 1915. Protests June 18. John J. Lynch, city clerk. Wm. Popp, city eng.

NORTH SACRAMENTO, Cal.—Proceedings have been started by city to imp. Rio Linda Blvd. from El Camino to Del Paso Blvd. Former proceedings rescinded due to irregularities.

OAKLAND, Cal.—Until June 18, 10:30 A. M., bids will be rec. by Geo. E. Gross, county clerk, to imp. Harrison St. from Sixth St. southerly. Est. cost \$28,000. Cert check 10%, payable to clerk, req. with bid. Spec. obtainable from County Surveyor Geo. N. Posey on deposit of \$25, returnable. Spec. on file in office of clerk.

SAN BERNARDINO COUNTY, Cal.—Nevada Contracting Co., Fallon, Nevada, at \$286,281 (open cut proposition accepted), awarded cont. by Dist. Eng., U. S. Bur. Pub. Rds., San Francisco, to const. 2.20-mi. of Squirrel Inn-Pass Section of Bear Valley Nat'l Forest Highway, Route 65, involv. 21 ac. clearing; 262,473 cu. yds. excav. unclassified; 2900 cu. yds. unclassified excav. for struct.; 10,000 sta. yds. overhaul; 2.20-mi. finish earth graded roads; 600 cu. yds. A conc.; 15 cu. yds. B conc.; 86,000 lbs. reinf. steel; 1334 lin. ft. C. M. pipe, haul and place; 200 lin. ft. wood guard rail; 2950 sq. ft. precast conc. cribbing; 210 M.B.M. treated tunnel timber; 370 lin. ft. unlined tunnel excav.; 500 lin. ft. tunnel excavation, lined.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4216) to imp. Emory St. bet. The Alameda and Stockton Ave., involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. base pave.; cem. conc. curb, gutter, walks; 4-in. vit. lateral sewers; 6-in. vit. san. sewer. 1911 Act. Bond Act 1915. Protests June 25. John J. Lynch, city clerk. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4212) to imp. San Antonio St. bet. 24th and 28th Sts., involv. grade; 1½-in. asph. conc. surface; 3-in. asph. conc. base pave.; hyd. cem. conc. curb, gutter; cem. conc. walks; 4-in. vit. lateral sewers. 1311 Act. Bond Act 1915. Protests June 18. J. J. Lynch, city clerk. Wm. Popp, city eng.

CHICO, Butte Co., Cal.—Tehama County Supervisors authorize const. of automobile Rd. from point near Loma, 30 mi. east of Oroville, through Deer Creek Canyon to Deer Creek Meadows. Will connect with Red Bluff-Susanville highway and form an all-year outlet to the north.

SAN CARLOS, San Mateo Co., Cal.—Until June 14, 8 P. M., bids will be rec. by city trustees to sewer portions of Carmelita Dr., Dale Ave., etc. Invol. 13,200 lin. ft. 6-in., 2580 lin. ft. 8-in. vit. pipe; 60 lin. ft. 8-in. c. i. pipe; wye branches 1911 Act. Plans obtainable from Geo. A. Keese, engineer, Courthouse, Redwood City.

SAN LUIS OBISPO COUNTY, Cal.—As previously reported, bids will be rec. June 20 by State Highway Comm. to grade and pave with cem. conc. and waterbound macadam, 1.0 mi. in S. L. O. county, 3 mi. south of San Luis Obispo. Project involves: Clearing and grubbing right-of-way; 35,500 cu. yds. ex. without classification; 180,000 sta. yds. overhaul; 240 cu. yds. struct. excav. without classification; 2050 sp. yds. subgrade for pave. 600 cu. yds. Class "A" cem. conc. (pave.); 50 cu. yds. Class "A" cem. conc. (struct.); 18,600 lbs. bar reinf. steel (pave. and struct.); 600 sq. yds. reinf. steel (second story pave.); 226 lin. ft. 12", 90 lin. ft. 18", 42 lin. ft. 24" and 54 lin. ft. 30" corr. metal pipe; 48 lin. ft. corr. metal pipe (clean and relay); 3700 tons broken stone (waterbound macadam base, Type "B"); 150 tons rock borders; 80 cu. yds. sand cushion; 2.0 mi. new property fence; 165 cu. yds. removing conc. in existing pave.; 26 monuments complete in place. State will fur. corr. metal pipe and filler for expansion joints in pavement.

DEL NORTE COUNTY, Cal.—John R. Hill, Harbor, Ore., at \$13,821 (eng. est. \$16,357) awarded cont. by State Highway Comm. to grade and surface with crushed gravel or stone, 0.7 mi. bet. California-Oregon State Line and pt. 0.7 mi. south.

CONTRACTOR'S BOND—LIENS

There is a decided relationship between the law governing the establishing of mechanics' or material men's liens and the law fixing liability on the bonds of a contractor engaged in public work, but the statutes have different objects and the bond is not restricted to what would give a lien. Gasoline furnished a sub-contractor used as fuel in highway work created a liability under a bond, whereas it would not have given rise to a lien—Eagle Oil Company vs. Aultman, Oklahoma.

COMBINATION MIXER AND HOIST

Hoist and Mix with Same Outfit

Why not use One Power Plant and save one operator?

The heavy duty hoist can be used independent of mixer for all general hoisting work



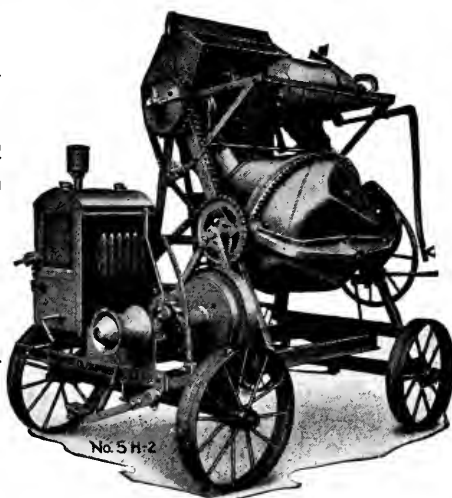
See the new

Jaeger 10 S Non-Tilt Mixer

All steel—100 percent Roller Bearings.

Direct Drive—No Counter Shaft.

With Automatic Skip Shaker.



EDWARD R. BACON COMPANY

FOLSOM at 17th ST., SAN FRANCISCO

OAKLAND

Hemlock 3700
SACRAMENTO

FRESNO

Official Proposals

NOTICE TO CONTRACTORS

(Lazear School Addition—Oakland)

OFFICE OF THE SECRETARY OF THE BOARD OF EDUCATION OF THE CITY OF OAKLAND.

Notice is hereby given that the Board of Education of the city of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 19th day of June, 1928, at 11:00 A. M., at which time said bids will be opened for the erection and completion of the Addition to the Lazear School, of the Oakland School District, to be erected on the northeast corner of 29th and Elmwood Avenues. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

Separate bids will be received for:

- (1) General Work.
- (2) Awning Type Window Fixtures.
- (3) Slate Blackboards.
- (4) Linoleum.
- (5) Finish Hardware.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and General Contract Plans shall be returned June 20, 1928, and all other plans shall be returned within five (5) days after securing same, to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of the Oakland School District to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided, however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 19th day of June, 1928, at 11:00 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of
Oakland, California.

(D)

NOTICE TO CONTRACTORS

(Administration Building—Oakland)

OFFICE OF THE SECRETARY OF THE BOARD OF EDUCATION OF THE CITY OF OAKLAND.

Notice is hereby given that the Board of Education of the city of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, until Tuesday, the 19th day of June, 1928, at 10:45 A. M., at

which time said bids will be opened for erection and completion of the Administration Building, of the Oakland School District, to be erected on the west side of Second Avenue, between East Tenth and East Eleventh Streets. These bids shall be presented in accordance with the plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, 337 17th Street, Oakland, California.

On a deposit of Twenty-five (\$25.00) Dollars, complete sets of plans and specifications may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned. Plans taken out by bidders on or before June 19, 1928, shall be returned on or before June 20, 1928. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder and accompanied by a certified check, certified to by some responsible bank or banker, and made payable to the Board of Education of the City of Oakland and of Oakland School District, to be retained by said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not be less than ten (10%) per cent of the amount bid, provided, however, that in no case shall said check be required to be in excess of Five Thousand (\$5000.00) Dollars. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Tuesday, the 19th day of June, 1928, at 10:45 A. M., in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary of the Board of Education of
Oakland, California.

(D)

NOTICE TO BIDDERS

(Modesto Irrigation District, Stanislaus County, California)

Sealed proposals will be received at the office of the Modesto Irrigation District at Modesto, California, until 2 o'clock P. M., on the second day of July, 1928, for furnishing and delivering to the Modesto Irrigation District High Voltage

Power Transformers in accordance with Specifications No. E-11. Bids will be received for 4-1667 K.V.A. Outdoor Type Transformers for operation at 66,000 volt Star to 11,500 volts Delta.

Proposal blanks and detail specifications to be obtained from the Secretary of the Modesto Irrigation District.

Contract will be let to the lowest responsible bidder, but the Board of Directors reserves the right to reject any and all bids.

Each proposal must be accompanied by a certified check or bidder's bond for 10% of the amount bid, payable to the Modesto Irrigation District as a guarantee that the bidder will, if successful, execute a contract within ten days of notice of award and furnish a satisfactory bond of not less than 25% of the contract price for the faithful performance of the work in accordance with the Specifications No. E-11.

The proposal must be marked as directed in said specifications and addressed to the Secretary of the Modesto Irrigation District, Modesto, California.

Done in pursuance of an order of said Board of Directors of the Modesto Irrigation District this 29th day of May, 1928

MODESTO IRRIGATION DISTRICT

By H. G. JACOBSEN, President

By C. S. ABBOTT, Secretary.

(D)

NOTICE TO CONTRACTORS

(Barrack Building Repairs—Fort Miley)

Office Constructing Quartermaster, Ft. Mason, Calif. Sealed proposals will be received here until 11:00 A. M., June 11, 1928, for repairs to slate roofs, gutters, downspouts, etc., on one barrack building and two sets of officers' quarters at Fort Miley, Calif. Information on application.

(D)

NOTICE TO CONTRACTORS

(Pumps, Etc.—West Stanislaus Irrigation District)

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at their office in Westley, Stanislaus County, California, up to two o'clock P. M. (2:00 P. M.) Saturday, July 14th, 1928, and will at that time be publicly opened, for furnishing 1 electrically driven pumping units, eleven (11) discharge pipes and valves for future pumps, six (6) outdoor switch structures and eighteen (18) transformers under any or all of the following schedules:

A. Furnish all pumping and electrical equipment including outdoor switch structures, transformers, switch gear, motors, pumps, discharge pipes and valves including eleven (11) discharge pipes and valves for future pumps, installed and ready to operate.

B. Furnish all pumping and electrical equipment including switch gear, motors, pumps, discharge pipes and valves including eleven (11) discharge pipes and valves for future pumps but exclusive of all conduit and cable compensators to motors, f. o. b. cars Westley, Calif.

C. Furnish all outdoor switch structures and transformers including insulators, bus supports and bus necessary to connect transformers to Station bus; also supply oil with transformers, f. o. b. cars Westley, Calif.

D. Install all equipment furnished under schedule "B" ready to operate including hauling of said equipment from cars to point of installation and furnish conduit from compensators to motors for 28 pumping units and cable from compensators to motors for 17 pumping units.

E. Install and connect up ready to operate all equipment furnished under schedule C including the hauling of said equipment from cars to point of installation and the connecting of the low voltage transformer bus to the station bus.

All proposals must be accompanied by a certified check for at least five (5%)

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

percent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of the successful bidder will be returned when the contract has been executed and the required bonds furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof will become and remain the property of the West Stanislaus Irrigation District.

Plans, specifications and contract are on file and can be inspected at the District's office at Westley, California, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

A full set of plans, specifications and contract may be obtained at the Engineer's office or at the District's office on deposit of \$10.00 for each set, which sum will be returned on the return of same in good condition within ten days after the date on which the bids are opened.

The contract will be let to the lowest responsible bidder, except that the District reserves the right to reject any and all bids and to waive any irregularities in the bidding. Bids will be opened at the District's office at Westley, California, Saturday, July 14th, 1928.

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,
Secretary of the Board of Directors,
Westley, Calif.
June 1, 1928.

(D)

NOTICE TO CONTRACTORS

(Irrigation Works—Foothill Irrigation District)

Notice is hereby given that the Board of Directors of the Foothill Irrigation District will receive bids for the furnishing of the necessary material, and performing the necessary labor required for the installation, construction and completion of a complete system of irrigation works for said district;

That said system of irrigation works is shown and delineated on the plans and specifications therefor, heretofore adopted by said Board of Directors, which said plans and specifications can be seen at the office of the Board, in the Sheridan Building, Orange Cove, California, or at the office of Max W. Enderlein, the Engineer of said District, in the Brix Building, Fresno, California.

Bids will be received by said Board of Directors for the doing of said work up to the hour of 10:00 A. M. of Tuesday, the 3rd day of July, 1928, and said bids or proposals must be submitted on forms to be furnished by the District, and must comply with the general specifications in so far as the same relate to the bids for doing said work, and said bids may be filed with the Secretary of said Board, the office thereof, at any time prior to the hour above named, and that at the time and place named, the Board of Directors will publicly open said proposals, and the contract will be let to the lowest responsible bidder; provided, however, that the Board reserves the right to reject any and all bids.

All bids must be accompanied by a certified check for the sum of ten per cent (10%) of the amount bid, and the bids of said check shall become the property of the District. If the bidder fails or refuses to execute the required contract and bond, as required by said specifications.

The person, firm or corporation to whom the contract may be awarded shall be required to file with the District a surety bond to be approved by the Board of Directors in a sum not less than twenty-five per cent (25%) of the amount of the contract, conditioned for the faithful performance and completion of the work according to the specifications and contract, as provided under Section 53 of the Irrigation District Act, and a surety bond to be approved by the Board of Directors in an amount not less than fifty per cent (50%) of the contract price for the payment in full of all persons, firms, companies or corporations who furnished materials, provisions, provender, or other supplies or teams used in, upon, for, or about the performance of the work, or for any work or labor done thereon, of any kind, as provided in the Act of May 10th, 1919, and acts amendatory there-

of and supplemental thereto.

This notice is given pursuant to a resolution of the Board of Directors of the Foothill Irrigation District.

Dated: May 29, 1928.
FOOTHILL IRRIGATION DISTRICT
By L. J. WILLIAMS, Secretary.
(1)

NOTICE TO CONTRACTORS

(Clarksburg High School District—Yolo County)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Clarksburg High School District for the complete erection of a high school building and gymnasium, in accordance with plans and specifications on file with the Secretary of the Board of Trustees of the Clarksburg High School District in Clarksburg, California, and also in the office of Dean & Dean, Architects, 1406 California State Life Bldg., Sacramento, California.

The said buildings are to be erected on the property owned by the School District, situated in the Town of Clarksburg, State of California.

On a deposit of \$20 with the Secretary of the Board of Trustees, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank, or banker, and made payable to Mabel H. Heringer, Secretary of the Board of Trustees of the Clarksburg High School District, said check to be forfeited and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to furnish bonds as required. Bids must be plainly marked on the exterior "Proposal for construction of Clarksburg High School Buildings."

All bids must be filed with the Secretary of the Board of Trustees of the Clarksburg High School District, Clarksburg, California, not later than June 20, 1928, at the Grammar School Building.

The Board of Trustees of the Clarksburg High School District reserve the right to reject any and all bids received. Board of Trustees, Clarksburg High School District,

MABEL H. HERINGER,
Secretary.

(D)

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., on June 27, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Mon County, between Dogtown and Point Ranch (IX-Mno-23-1), about two and one-tenth (2.1) miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible.

Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.
Dated: May 29, 1928.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Capitol Extension Bldg., 10th and L Sts., Sacramento, California, until 2:00 o'clock P. M., June 18, 1928, at which time they will be publicly opened and read, for performing work as follows:

Stanislaus County, at the south approach to the Stanislaus River Bridge (X-Sta-4-B) about four hundredths (0.04) mile in length, to be graded and surfaced with oil treated crushed gravel or stone and construct a timber trestle approach at the south side of Stanislaus River Bridge.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,

C. H. PURCELL,
State Highway Engineer.
By R. E. PIERCE,
Acting District Engineer Dist. X.
Dated: May 31, 1928.

June 2, 1928

NOTICE TO CONTRACTORS

(Miscellaneous Structures—March Field, Riverside County, Calif.)

PROPOSALS FOR CONSTRUCTION

OFFICE CONSTRUCTING QUARTERMASTER, March Field, Riverside, Calif., May 31, 1928. Sealed proposals in triplicate will be received here until 10 o'clock A. M., June 21, 1928, for construction: 1 Combined Headquarters and Operation Building, 1 Photo Building, 1 Radio Building, 1 Parachute and Armament Building, 1 Paint, Oils and Dupe Warehouse. Copies of plans and specifications may be seen at the office of Constructing Quartermaster, Fort Mason, Calif., and can be obtained from Constructing Quartermaster, March Field, Riverside, Calif. \$25 deposit on each set of plans will be required for return.

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, at Redding, California, until 2:00 P. M. Monday, June 11th, 1928, at which time they will be publicly opened and read, for performing work as follows: The erection and completion of a fore-

man's cottage, bunkhouse, truckshed, blacksmith shop, woodshed, oil house and septic tank at the Ft. Goff Creek Maintenance Yard in Siskiyou County.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS
C. H. PURCELL,
State Highway Engineer.
By H. S. Conly, Dist. Eng., Dist. II.
Dated: May 29, 1928.

NOTICE TO CONTRACTORS
(Preventorium—Kern County)

Notice is hereby given that sealed bids will be received by the Board of Supervisors, County of Kern, Bakersfield, California, up to 10 A. M., of June 25, 1928, for furnishing of materials and labor necessary for the erection and completion of the Preventorium, Stony Brook Re-reat, Woodford, California, in accordance with plans and specifications for same prepared by Charles H. Biggar, Architect, 405-6 Bank of Italy Bldg., Bakersfield, California.

Bid forms will be furnished by the architect.

Plans and specifications for same may be obtained at the office of the architect upon deposit of twenty dollars (\$20.00), which will be returned upon receipt of the said plans and specifications in good order at the time designated by the architect.

A certified check or bidder's bond in the amount of ten per cent (10%) of amount bid must be furnished, payable to the order of the Clerk of the Board of Supervisors as evidence of good faith and that the bidder, if successful will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient Surety Company bonds therefor. Personal bonds will not be accepted.

The Board of Supervisors reserves the right to reject any and all bids not deemed advantageous to the county and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted June 4, 1928.

F. E. SMITH,
County Clerk and ex-officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS
(Road Repairs—Benicia Arsenal)

Office of Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M., June 14, 1928, for road repairs at Benicia Arsenal, Calif. Information on application.

(D)

NOTICE TO CONTRACTORS
(Arvin School District—Kern County)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Arvin School District, Kern County, California, up to 4 o'clock P. M., on Friday, June 15, 1928, for the furnishing of all labor and material for the construction of a two classroom masonry school building, in accordance with the plans and specifications prepared by Symmes & Cullimore, Architects, 215 Haberfelde Building, Bakersfield, California. Bids will be received at the office of said Architects, and will be opened at 8 P. M. on Friday, June 15, 1928 at the Arvin School, Kern County, California.

Plans and specifications for the same may be obtained at the office of the Architects upon deposit of Ten Dollars (\$10.00), which will be returned upon receipt of said plans and specifications

in good order at the time designated by the Architects.

A certified check or bidder's bond in the amount of 10 per cent of the amount bid is to be furnished with the bid, and to the order of the Clerk of the Board of Trustees, as evidence of good faith, and that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish surety bond therefor in the amount of 50 per cent of the bid, covering labor and material, according to law. All bids are to be made on the blank forms furnished by the Architects.

The Board reserves the right to reject any and all bids or alternate bids deemed not advantageous to the District, and to waive any informality in any bid received.

By order of the Board of Trustees of the Arvin School District of the County of Kern, State of California, adopted May 14, 1928.

E. O. MITCHELL, Clerk.
ALEX T. NELSON,
J. W. KRAUTER, Trustees.

(D)

NOTICE TO CONTRACTORS
(Oil Macadam Floors—Benicia Arsenal)

Office of Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 10:00 A. M., June 14, 1928, for laying oiled macadam floors in Artillery Storehouse No 71 at Benicia Arsenal, Calif. Information on application.

(D)

NOTICE TO CONTRACTORS
(Electric Lighting Fixtures—Alameda County)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, June 25th, 1928, at 10:30 o'clock A. M. (the day when said bids will be opened and the contract awarded), for the erection and completion of lighting fixtures in the Veterans' Memorial Building at Adams Park, Oakland, Alameda County, California.

Complete plans and specifications for said work are on file in the office of the County Clerk, in the Hall of Records Building, Oakland, California, where copies may be obtained by depositing with County Clerk the sum of Twenty-five (\$25.00) Dollars. Contractors will be restricted as to the length of time they may retain these plans and specifications to fifteen (15) days.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit. The entire amount of the deposit will be returned to contractors returning plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid of proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board of Supervisors reserves the right to reject any and all bids.

GEO. E. GROSS,
County Clerk and Ex-officio Clerk of the Board of Supervisors.
Dated: May 28, 1928.

(D)

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building Sacramento, California, until 2 o'clock P. M., on June 20, 1928, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special

special reference is made, of portions of State Highway, as follows:

Placer County, a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Railroad at Weimar (III-Pla-37-B), consisting of one 47'-6" span, one 46'-1" span, four 30'-0" spans and one 28'-6" span on concrete piers and bents on pile foundations.

Placer County, a reinforced concrete girder bridge across Truckee River at Tahoe City (III-Pla-38-A) consisting of four 30 foot spans on concrete bents and abutments with wing walls.

San Luis Obispo County, three miles south of San Luis Obispo (V-SLO-2-E), about one (1.0) mile in length, to be graded and paved with Portland cement concrete and waterbound macadam.

Tulare County, the following three reinforced concrete bridges between Tulare and Goshen (VI-Tul-4-F):

Across Cameron Creek about 2 1/2 miles north of Tulare, an existing bridge consisting of two 12-foot slab spans to be widened from 26-foot roadway to 30-foot roadway.

Across Packwood Creek about 4 1/2 miles north of Tulare, an existing bridge consisting of one 30-foot girder span to be widened from 21-foot roadway to 30-foot roadway.

Across Mill Creek about 7 3/4 miles north of Tulare, a bridge consisting of one 30-foot girder span with a 30-foot roadway to be constructed.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
State Highway Engineer.
Dated: May 23, 1928.

NOTICE TO CONTRACTORS
(Roof Repairs—Benicia Arsenal)

Office of Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 10:30 A. M., June 14, 1928, for roof repairs to Artillery Storehouse No. 71, at Benicia Arsenal, Calif. Information on application.

(D)

A bird in the hand is worth two in the bush. And so it is in the construction game. Larsen's Advance Construction Report is an aviary of birds in your office every morning waiting to be fed by your sales force. Send for sample copies. Larsen Advance Construction Reports, 547 Mission St., San Francisco. No charge. No obligation.

New officers of the San Jose Master Plumbers' Association are William Serpa, president; Herman Moltzen, vice-president; O. C. McDonald, treasurer; Chas. A. Merritt, secretary; A. J. Peters, John Peabody, F. A. Hooker and J. Fisher, members of the executive board.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1364	Anderson	Owner	3500
1365	Barnerer	Owner	4000
1366	Baffico	Erickson	4900
1367	Daily	Wilhelm	14800
1368	Johnson	Owner	3000
1369	Noble	Noble	1200
1370	Parmelee	McCormick	1800
1371	Sullivan	Jones	3900
1372	Wade	Wade	30000
1373	Woodfell	Owner	9000
1374	Castle	Horn	4000
1375	Cline	Coburn	2900
1376	Horton	Petterson	25000
1377	Harris	Owner	1500
1378	Lang	Owner	5000
1379	Miller	Whissel	4000
1380	Mager	Mager	3500
1381	Monaghan	Owner	8000
1382	Maillorne	Willhite	3250
1383	Marwedel	Owner	25000
1384	Mager	Mager	3500
1385	Nelson	Coburn	1895
1386	Pellinacci	Masarie	6000
1387	Tait	Owner	1000
1388	Woolworth	MacDonald	11500
1389	Cadanasso	Sevren	1000
1390	Carlson	Owner	6000
1391	Collier	McKenzie	1080
1392	Davidson	Mallock	1500
1393	Johnson	Owner	450
1394	Johnson	Owner	3000
1395	Koenig	Koenig	8000
1396	Lincoln	Owner	30000
1397	Same	Same	35000
1399	Kauffman	Coburn	4900
1400	Del Carlo	Jenkins	1700
1401	Harsh	Stahl	5000
1402	Hjul	Owner	6000
1403	Koenig	Koenig	8000
1404	Meyer	Owner	4000
1405	Mac George	Owner	3000
1406	Nenig	Todhunter	1595
1407	Swanson	Owner	3750
1408	Stelker	Owner	3500
1409	Standard	Owner	4000
1410	Wood	Wood	6000
1411	Arnott	Arnott	8000
1412	Ames	Reuter	3000
1413	Cox	Cox	95000
1414	Gunst	Stephenson	14110
1415	Hardiman	Owner	8000
1416	Isl	Owner	7000
1417	Kallimanis	Same	5500
1418	Same	Fetz	3000
1419	Kloes	Kloes	3500
1420	Mohr's	Owner	17500
1421	Same	Same	11500
1422	Strand	Owner	7000
1423	Stowers	Owner	10000
1424	Smith	Owner	3500
1425	Strong	Owner	3000
1426	Oxford	Sorocco	6000
1427	Gadsby	Lewis	6500
1428	Highland	Grandeman	27000
1429	Hilbar	Barrett	3500
1430	Johnson	Ohlson	5000
1431	Kambic	Owner	4600
1432	Kambic	Owner	4600
1433	Stevens	Owner	9000
1434	Yngve	Owner	8000

Owner—Dairy Dale Co., 3550 19th St.
Architect—P. H. Keil, 1243 Harrison.
Contractor—A. W. Wilhelm, 666 Mission St. \$14,800

DWELLING
(1368) E OXFORD 125 S PIOCHE; 1-story and basement frame dwelling.
Owner—S. E. Johnson, 4587 Mission St.
Architect—None. \$3,000

ADD ROOMS ON DWELLING
(1369) 552 38th AVE.; erect additional rooms on dwelling.
Owner—Edna Mae and G. E. Noble, 552 38th Ave.
Architect—None.
Contractor—G. E. Noble, 552 38th Ave. \$1,200

ALTER. & ADDN. TO FLATS
(1370) 1927 GROVE ST.; add room and alter and remodel flats.
Owner—A. C. Parmelee, 1927 Grove St.
Architect—None.
Contractor—Thos. McCormick, 3491 20th St. \$1,800

ENLARGE SACRISTY
(1371) 16th & DOLORES; enlarge sacristy and remodel same.
Owner—Rev. John Sullivan, 16th and Dolores.
Architect—H. A. Minton, Underwood Building.
Contractor—Thos. M. Jones, 643 29th Ave. \$3,900

APARTMENTS
(1372) NW FRANCISCO & BRODERICK; 3-story and basement frame (12) apts.
Owner—E. J. Wade, 1827 Golden Gate Ave.
Architect—Irvine and Ebbets, 72 New Montgomery St.
Contractor—E. J. Wade, 1827 Golden Gate Ave. \$30,000

FLATS
(1372) S LINCOLN WAY 25 E 26th Ave.; 2-story and basement frame (2) flats.
Owner—James Woodfell, 1138 Fell St.
Architect—None. \$9,000

DWELLING
(1374) W CARMELLIA AVE. 80.83 N Silver Ave. One-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market St., San Francisco.
Architect—None.
Contractor—Henry Horn, 830 Market St., San Francisco. \$4000

ALTERATIONS
(1375) NO. 2730 BRODERICK. Put on new front and repair balance of building.
Owner—A. Cline, 711 Hearst Bldg., San Francisco.
Architect—Gottschalk & Rist, 760 Market St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco. \$2900

RESIDENCE
(1376) NW ST. FRANCIS AND SAN Buenaventura. Two-story and basement frame residence.
Owner—Charles C. Horton, % Architect.
Architect—Ed. G. Bolles and A. A. Schroepfer, Monadnock Bldg., San Francisco.
Contractor—G. Petterson & Son, 666 Mission St., San Francisco. \$25,000

ALTERATIONS
(1377) NO. 3445 WASHINGTON. Alter and remodel residence.
Owner—L. W. Harris, Premises.
Architect—Miller & Pflueger, 580 Market St., San Francisco. \$1500

DWELLING
(1378) S EDGEHILL 25 W Edgehill. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 810 Ulloa St., San Francisco.
Architect—H. G. Stoner, 810 Ulloa St., San Francisco. \$5000

DWELLING
(1379) N BALBOA 107-6 E Fortieth Ave. Two-story and basement frame dwelling and s ore.
Owner—Miss Anna M. Miller, 3830 Balboa St., San Francisco.
Architect—Earl Whissel, 630 Jones St., San Francisco.
Contractor—Earl Whissel, 630 Jones St., San Francisco. \$4000

DWELLING
(1380) NE BRUNSWICK & ALLISON. One-story and basement frame dwlg.
Owner—J. Mager, 1359 4th Ave., San Francisco.
Architect—None.
Contractor—Mager Bros. & Son, 1359 4th Ave., San Francisco. 3500

FLATS
(1381) S TWENTY-FIRST 60 W Fair Oaks. Two-story and basement frame (2) flats.
Owner—James Monaghan, 3459 21st St., San Francisco.
Architect—None. \$8000

DWELLING
(1382) E THIRTIETH AVE 200 S Irving. One-story and basement frame dwelling.
Owner—E. G. Maillorne, 4358 23rd St., San Francisco.
Architect—None.
Contractor—D. C. Willhite, 1519 Sanchez St., San Francisco. \$3250

RESIDENCE
(1383) E TWENTY-FIFTH AVE 130 N Lake. Two-story and basement frame residence.
Owner—C. A. Marwedel, % Architect.
Architect—J. E. Kraftt & Sons, Phelan Bldg., San Francisco. \$25,000

DWELLING
(1384) W BRUNSWICK 95 E Allison. One-story and basement frame dwlg.
Owner—J. Mager, 1359 4th Ave., San Francisco.
Architect—None.
Contractor—Mager Bros. & Son, 1359 4th Ave., San Francisco. 3500

REPAIRS
(1385) NO. 235 SAN BRUNO AVE. Repair factory building.
Owner—Mrs. F. A. Nelson, 711 Hearst Bldg., San Francisco.
Architect—None.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco. \$1895

ADDITION
(1386) SW KANSAS AND TWENTY-third. One-story frame dwelling to be built on top of present one-story frame structure, converting same into flats.
Owner—Mr. and Mrs. J. Pellinacci.
Architect—None.
Contractor—Masarie & Cuneo, 1121 Wisconsin St., San Francisco. \$6000

Capital City Title
Company
J. C. PALEN
Manager
914 Seventh Street
Sacramento - California

DWELLING
(1364) E ELLSWORTH 25 S OGDEN, 1-story and basement frame dwelling.
Owner—E. A. Anderson, 117 DeHaro.
Architect—None. \$3,500

DWELLING
(1365) W 14th AVE 250 N SANTIAGO; 1-story and basement frame dwelling.
Owner—C. Bornerer, 1833 Lincoln Way.
Architect—None. \$4,000

DWELLING
(1366) E MISSOURI 150 S 20th St.; 2-story and basement frame dwelling.
Owner—G. Baffico, 535 Missouri St.
Architect—Thomas Bros, 142 Sansone St.
Contractor—Henry Erickson, 972 Chenery. \$4,900

LOADING SHED
(1367) 3550 19th ST.; erect 1-story concrete loading shed.

ALTERATIONS

(1387) N MARKET 200 E Kearny. Install new front and remodel trade fixtures.
Owner—Talts Inc., Phelan Bldg., San Francisco.
Architect—None. \$1000

ALTERATIONS

(1388) NO. 5641 GEARY. Alter and remodel 5, 10 and 15 cent store.
Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.
Architect—A. J. McClure, Financial Center Bldg., San Francisco.
Contractor—MacDonald & Kahn, Financial Center Bldg., S. F. \$11,500

REPAIRS

(1389) NO. 314 FRONT ST. Repair fire damage.
Owner—Mr. Cadanesso, Premises.
Architect—None.
Contractor—John Seviren, 1480 Broadway, San Francisco. \$1000

DWELLING

(1390) W SANTA ANA 155 S Monterey. One-story and basement frame dwlg.
Owner—Joseph M. Carlson, 179 Minna St., San Francisco.
Architect—H. G. Stoner, 810 Ulloa St., San Francisco. \$6000

WALL

(1391) NO. 1019 VALLEJO. Erect concrete wall.
Owner—Mrs. Julia C. Collier, Premises.
Architect—None.
Contractor—K. H. McKenzie, 758 12th Ave., San Francisco. \$1080

ALTERATIONS

(1392) NO. 214 VAN NESS AVE. Enlarge offices, erect motorcycle ramp and alter building.
Owner—Harley Davidson Motor Cycle Agency, 116 Van Ness Ave., S. F.
Architect—None.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. \$1500

DWELLING

(1393) E TWENTY-SECOND AVE. 180 N Vincente. One-story and basement frame dwelling.
Owner—A. Conrad Johnson, 1835 8th Ave., San Francisco.
Architect—None. \$4500

DWELLING

W HARVARD 150 N Silliman. One-story and basement frame dwlg.
Owner—Sidney E. Johnson, 4587 Mission St., San Francisco.
Architect—None. \$3000

FLATS

(1395) N BAY 85-6 E Leavenworth. Two-story and basement frame (2) flats.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None.
Contractor—Chas. J. U. Koenig & Son, 520 Church St., S. F. \$8000

APARTMENTS

(1296) NE CHESTNUT & BRODERICK. Three-story and basement frame (18) apartments.
Owner—Lincoln Builders' Co., Russ Bldg., San Francisco.
Architect—Glass & Deveraux, 57 Post St., San Francisco. \$30,000

APARTMENTS

(1397) SW CHESTNUT & DIVISADERO. Three-story and basement frame (21) apartments.
Owner—Lincoln Builders' Co., Russ Bldg., San Francisco.
Architect—Glass & Deveraux, 57 Post St., San Francisco. \$35,000

ALTERATIONS

(1398) NO. 3222 JACKSON. Alter and repair.
Owner—S. Kauffman, 711 Hearst Bldg., San Francisco.
Architect—Hyman & Appleton, Foxcroft Bldg., San Francisco.
Contractor—Ira W. Coburn, 711 Hearst Bldg., San Francisco. \$4900

ALTER, REMODEL & MOVE HOUSE

(1399) 385 CHARTER OAK AVE.: move house and alter and remodel same.
Owner—H. Del Carlo, 387 Charter Oak.
Architect—None.
Contractor—Jenkins & Gross, 3433 Market St. \$1700

DWELLING

(1400) W 40th AVE. 150 N FULTON; 1-story and basement frame dwelling.
Owner—Dorothy M. Harsh, 830 Bush St.
Architect—G. B. Stahl, 339 17th Ave.
Contractor—Earl Stahl, 339 17th Ave. \$5000

STORE & WAREHOUSE

(1401) W MAIN 115 S MISSION; 1-story & mezzanine concrete store & warehouse building.
Owner—J. H. Hjul, 128 Russ St.
Engineer—J. H. Hjul, 128 Russ St. \$6,000

FLATS

(1402) N BAY 110-6 E LEAVENWORTH. 2-story and basement frame (2) flats.
Owner—Chas. J. U. Koenig, 520 Church.
Architect—None.
Contractor—Chas. J. U. Koenig & Son, 520 Church St. \$8000

DWELLING

(1403) N ROCKDALE 262 E CHAVES; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None. \$4000

DWELLING

(1404) W SAN DIEGO 62½ S SAN LUIS. 1-story and basement frame dwelling.
Owner—W. C. MacGeorge, 519 California.
Architect—W. A. Doctor, 800 Ulloa St. \$3090

REPAIR FIRE DAMAGE

(1405) 407 CASTENADA; repair fire damage.
Owner—George Nenig, 715 Van Ness Ave.
Architect—None.
Contractor—J. C. Todhunter, 1088 Ashbury St. \$1595

DWELLING

(1406) E 22nd AVE 200 N LAWTON; 1-story and basement frame dwelling.
Owner—Noah Swanson, 1345 Cole St.
Architect—None. \$3750

DWELLING

(1407) W 19th AVE 133-4 N LAWTON; 1-story and basement frame dwelling.
Owner—Irwin Stelker, 1324 3rd Ave.
Plans by Owner \$3500

DWELLING

(1408) W 31st Ave 175 N TARAVAL; 1-story and basement frame dwelling.
Owner—Standard Bldg. Co., 218 Castenada.
Architect—None. \$4000

DWELLING

(1409) S CASTENADA 175 W MONT-ALVO; 2-story and basement frame dwelling.
Owner—Wood and Wood, 1219 12th Ave.
Architect—W. E. Wood, 1219 12th Ave. \$6000

DWELLINGS

(1410) E CECILIA 248 and 279 N Santiago. Two one-story and basement frame dwellings.
Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 633 Taraval St., San Francisco. \$4000 ea

OFFICE BLDG.

(1411) NW HOOPER 380 SW Seventh. Two-story frame office building.
Owner—W. R. Ames Co., 450 Irwin St., San Francisco.
Architect—None.
Contractor—Fred Reuter, 1780 Ninth Ave., San Francisco. \$3000

APARTMENTS

(1412) NE NINTH AVE AND JUDAH. Six-story concrete stores and (30) apartments.
Owner—Ed. Cox, 1950 Irving St., S. F.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Cox Bros., 1950 Irving St., San Francisco. \$95,000

ALTERATIONS

(1413) NE BRODERICK & VALLEJO. Alter and remodel residence.
Owner—Morgan Gunst, Premises.
Architect—G. A. Dailey, 425 Mason St., San Francisco.
Contractor—Stephenson Constr. Co., 1909 Hobart Bldg., S. F. \$14,110

DWELLINGS

(1414) W THIRTY-FIFTH AVE 175 and 200 N Judah. Two one-story and basement frame dwellings.
Owner—M. D. Hardiman, 423 38th Ave., San Francisco.
Architect—None. \$4000 each

FLATS

(1415) S SEVENTEENTH 125 E Dolores. Two-story and basement frame (2) flats.
Owner—Frank Isi, 3579 17th St., San Francisco.
Architect—C. Baker, 230 Rolph St., San Francisco. \$7000

FEATS

(1416) N RAILWAY 125 E Dolores St. Two-story and basement frame (2) flats.
Owner—Frank Isi, 3579 17th St., San Francisco.
Architect—Harvey Harris, 815 Balboa St., San Francisco. \$5500

DWELLING

(1417) W GIRARD 125 S Harkness. One-story and basement frame dwelling.
Owner—G. E. Kallimanis.
Architect—None.
Contractor—P. Fetz, 460 Wilde St., San Francisco. \$3000

DWELLING

(1418) W URBANO 350 W Borica. One-story frame dwelling.
Owner—Julia Kloes, 3133 Anza St., San Francisco.
Architect—Victor Kloes, 3133 Anza St., San Francisco.
Contractor—P. Kloes, 3133 Anza St., San Francisco. \$3500

DWELLING

(1419) E HURON 101-2, 131-2, 191-2, 221-2 and 21-2 N Whipple. Five one-story and basement frame dwellings.
Owner—Mohr's Inc., 116 9th St., San Francisco.
Architect—None. \$3500 ea

DWELLINGS

(1420) E HURON 26-2, 1-2 and 76-2 N Whipple. Three one-story and basement frame dwellings.
Owner—Mohr's Inc., 116 9th St., San Francisco.
Architect—None. \$3500 ea

FLATS

(1421) E TWENTY-SIXTH AVE. 150 S Cabrillo. Two-story and basement frame (2) flats.
Owner—T. I. Strand, 882 31st Ave., San Francisco.
Architect—None. \$7000

DWELLINGS

(1422) NE TWENTY-EIGHTH AVE. & Moraga; NW Twenty-seventh Ave. and Moraga. Two one-story and basement frame dwellings.
Owner—J. H. Stowers, 1622 26th Ave., San Francisco.
Architect—None. \$000 ea

DWELLING

(1423) E TWENTY-FOURTH AVE 250 S Taraval. One-story and basement frame dwelling.
Owner—Roy A. Smith, 89 Farrallones St., San Francisco.
Architect—None. \$3500

(1424) NW MADRID 125 SW France. One-story and basement frame dwlg.
Owner—Harry W. Strong, 115 Central Ave., San Francisco.
Architect—None. \$3900

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

DWELLING

(1425) W WESTGATE DR., 40 N KENWOOD; 1-story and basement frame dwelling.
Owner—W. A. Axford.
Architect—Chas. F. Strotzoff, 2274 15th.
Contractor—F. A. Soracco, 127 30th St.
\$6000

DWELLING

(1426) W LOPEZ 100 N CASTENADA; 2-story and basement frame dwelling.
Owner—C. A. Gadsby, 64 Beaver St.
Architect—O. R. Thayer, 110 Sutter St.
Contractor—H. W. Lewis, 560 Scott St.
\$6500

APARTMENTS

(1427) S CALIFORNIA 138-5 W LYON; 3-story and basement frame (12) apts.
Owner—Highland Lumber Mills, Inc., 16th & Texas Sts.
Architect—David C. Coleman, 110 Sutter.
Contractor—Chas. D. Grandeman, 16th & Texas Sts.
\$27,000

OFFICE BLDG.

(1428) N HARRISON 125 W 5th ST.; 1-story & mezzanine frame office bldg.
Owner—Hilbar Properties Co., 918 Harrison St.
Architect—E. A. Eames, 353 Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St.
\$3500

DWELLING

(1429) E 19th AVE. 64-9 S ULLOA; 2-story and basement frame dwelling.
Owner—A. Johnson, 3146 22nd St.
Architect—None.
Contractor—Ohlson & Almquist, 1626 24th Ave.
\$5000

DWELLING

(1430) E KANSAS 25 N 19th; 1-story and basement frame dwelling.
Owner—John Kambic, 530 San Bruno Ave
Plans by Owner.
\$4600

DWELLING

(1431) W KANSAS 200 N 20th; 1-story and basement frame dwelling.
Owner—John Kambic, 530 San Bruno Ave
Plans by Owner.
\$4600

FLATS

(1432) E 22nd AVE 225 S GEARY ST.; 2-story and basement frame (2) flats.
Owner—Charles Stevens, 4026 Fulton St.
Architect—None.
\$9000

FLATS

(1433) E 25th AVE. 125 S JUDAH; 2-story and basement frame (2) flats.
Owner—Karl Yngve, 1474 14th Ave.
Architect—None.
\$8000

BUILDING CONTRACTS

San Francisco County

229 Francis	Bundquist	15961
230 Thomas	Inglis	6500
231 Kauffman	Coburn	7716
232 Schwartz	Jacks	6471
233 Canton	Burch	2500
234 Higby	Grant	6500
235 Lamerdin	Sartorio	10826
236 Albertazzi	Chiodo	6400
237 Italian	Fibrestone	1588
238 Great	Granfield	
239 Grand	Home	31671
240 Vukicevich	Atlas	7350

APARTMENTS

(229) TWELFTH AVE & MORAGA; all work for a frame apartment bldg. except plumbing, steam heating, electrical wiring and fixtures, painting, wall paper, and ornamental iron.
Owner—Roy N. and Gertrude H. Francis, 3481 Pierce St., San Francisco.
Architect—Bos & Quandt, Humboldt Bk. Bldg., San Francisco.
Contractor—V. W. Rundquist, 338 Chicago St., San Francisco.
Filed June 31, 1928. Dated April 23, 1928.
Payments on 10th of each month.....75%
Usual 35 days after.....25%
TOTAL COST, \$15,961
Bond, \$7980.50. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 120 days.
Plans and Spec. filed.
Permit applied for.

DWELLING

(230) LOT 7 AND 1/2 LOT 6 BLK 20, Forrest Hill being W Lopez St. 185 S Sotelo. All work for two-story frame dwelling.

Owner—Howard and Marguerite C. Thomas, 3 Blake St., San Francisco.
Architect—None.
Contractor—Inglis & Westrup, 340 17th Ave., San Francisco.
Filed June 1, '28. Dated May 21, '28.
Roof on.....\$1625
Plastered.....1625
Completed.....1625
Usual 35 days.....1625
TOTAL COST, \$6500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE:—Permit reported May 22, 1928, No. 1237.

ALTERATIONS

(231) N JACKSON bet. Presidio Ave and Walnut No 3222 Jackson; alterations to building.
Owner—Sylvain S. Kauffman, 3222 Jackson, San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco.
Filed June 4, 1928. Dated June 2, 1928.
Thirtieth of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$7716
Bond, \$3858. Sureties, Commercial Casualty Ins. Co. Forfeit, none. Limit, 90 days. Plans and Spec. filed.
Permit applied for.

ALTERATIONS

(232) NO. 4 PRESIDIO TERRACE. All work except painting for alterations and additions to residence.
Owner—Sidney L. Schwartz, 407 Montgomery St., San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco.
Filed June 5, '28. Dated June 2, '28.
Payments of actual cost of labor and material on 1st of each month
Usual 35 days.....Balance
TOTAL COST not to exceed \$6471
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.
NOTE:—Contractor to receive \$719 additional.

4-ROOM HOUSE & ALTERATIONS

(233) 400-B CONNECTICUT ST.; alterations to building and construction of 4-room house on rear of SW 19th and Connecticut.
Owner—Marie Canton.
Architect—None.
Contractor—V. E. Burch, 110 Market St.
Filed June 5, 1928. Dated March 24, 1928.
On execution of contract.....\$625
Ready for roof.....375
Ready for lathing.....375
Carpenter work done.....375
House completed except painting.....375
All completed.....375
TOTAL COST, \$2500

ALTERATIONS & ADDITIONS

(234) E 10th AVE 200 N CLEMENT E 120 N 335 m or 1 W 120-2 m or 1 S 40-6; alterations and additions on 2-story frame bldg.
Owner—A. H. Higby, 260 10th Ave., S. F.
Architect—A. A. Cantin, Flatiron Bldg., San Francisco.
Contractor—J. A. Grant, 82 Divisadero, San Francisco.
Filed June 5, 1928. Dated June 5, 1928.
Payments on 1st of each month.....75%
Usual 35 days after.....25%
TOTAL COST, \$6500
Bond, \$3250. Sureties, E. R. Sudden and John R. Simis. Forfeit, none. Limit, 65 days. Plans and Spec. filed.
Permit applied for.

BUILDING

(235) W BRODERICK S FRANCISCO S 25 x W 93-9; all work except lighting fixtures, shades, finishing hardware and wall paper on 2-story and basement frame bldg.
Owner—August Lamerdin, 1336 Stockton St., San Francisco.
Architect—Paul F. De Martini 948 Broadway, San Francisco.
Contractor—Peter Sartorio, 2440 Greenwich St., San Francisco.
Filed June 5, 1928. Dated June 5, 1928.
Frame up.....\$2700
Brown coated.....2700
Completed and accepted.....2700
Usual 35 days.....2726
TOTAL COST, \$10,826
Bond, \$5413. Sureties, Standard Accident Ins. Co. Forfeit, none. Limit, 90 days. Plans and Spec. filed.
Permit applied for.

FRAME BUILDING

(236) W CONNECTICUT 113-9 S Mariposa 25x100; all work for 1-story and basement frame bldg. except fixtures.
Owner—Angelo Albertazzi, 127 Connecticut St., San Francisco.
Architect—None.
Contractor—Michele Chiodo, 135 Connecticut St., San Francisco.
Filed June 6, 1928. Dated Jan. 23, 1928.
Roof on.....\$1600
Brown coated.....1600
Completed and accepted.....1600
Usual 35 days.....1600
TOTAL COST, \$6400
Limit, 90 days.
Permit applied for.

ROOFING

(237) N BROADWAY 100 W POLK N 275 W 75 S 137-6 W 70 S 137-6 E 145; composition roofing, water proofing and dampproofing for addition to hospital.
Owner—Italian Hospital & Benevolent Association, San Francisco.
Architect—G. A. Applegarth, Spreckels Bldg., San Francisco.
Contractor—Fibrestone & Roofing Co., 51 Ringold St., San Francisco.
Filed June 6, 1928. Dated May 31, 1928.
Payments on 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1288
Limit, 125 days.

EXCAV., HAULING, ETC.

(278) Location bounded by EVANS AVE Jennings, Arthur and India Sts.; excavation, hauling, etc., for steam plant.
Owner—Great Western Power Co., 530 Bush St., San Francisco.
Architect—Engineer Harold K. Fox.
Contractor—Granfield, Farrar & Carlin, 67 Hoff, San Francisco.
Filed June 6, 1928. Dated June 6, 1928.
Payments on 10th of each month of 10% less than amount due.
Balance 35 days after.
For 37c per cubic yard.
Bond, \$17,000. Sureties, Sarah A. Farrar and Geneveive Granfield. Forfeit, \$50.
Limit, Aug. 21, 1928. Plans and Spec. filed.

ALTERATIONS

(239) 915-17 MARKET ST.; alterations and improvements to basement and first story of building.
Owner—F. & W. Grand 5-10-25 Cent Store, Inc., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Home Mfg. Co., Inc., 552 Brannan St., San Francisco.
Payments on 12th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$31,671
Bond, \$17,000. Sureties, Sun Indemnity Co. Forfeit, none. Limit, July 7, 1928. Plans and Spec. filed.
Permit applied for.

ELEVATOR WORK

(240) GEARY ST. bet. Larkin & Post; elevator work for building.
Owner—M. E. Vukicevich & E. V. Lacey.
Architect—None.
Contractor—Atlas Elevator Co., 34 Harrison St., San Francisco.
Filed June 6, 1928. April 22, 1927.
Guide posts in.....25%
On delivery of engine.....50%
Completed and accepted.....25%
TOTAL COST, \$7350
Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
May 29, 1928—S GREENWICH 165 E Laguna E 27-6 x S 80. Catherine O'Neill to Inglis & Westrup.....May 9, 1928	
May 29, 1928—W HEAD 175 N GARFIELD N 25 x W 100 Lot 41 Blk 45 City Land Assn. Albert J. Olsen to whom it may concern.....May 28, 1928	
May 29, 1928—W FOLSOM & 5th NW 275 5th 160 to SE Clementina x SW 215 5th 100 Blk 382. The Voorman Co. to J. H. Devert Inc. May 29; to W. R. Mobley (as American Electrical Eng. Co.), May 21; to V. Fassio, May 21; to W. and A. Gilmour, May 7; to George Frankel and Hugh Houston (as Frankel & Houston).....May 21, 1928	
May 29, 1928—SW HERMAN & Church W alg S Herman 28 S and parl with	

W Church 82-S E 82-S E 27-10 1/4 to W line Church at pt dist 85 S from S Herman N alg W line Church 85 to its inter, with S Herman and pt of beg being ptn WA Blk 293. John and Elizabeth Mowat to whom it may concern. May 29, 1928	Laughton. John P. Hanson to whom it may concern. June 1, 1928	onica E. Lacey and Lacey Inv. Co. May 29, 1928
May 29, 1928—E BRODERICK 100 N Chestnut and having a 25 ft frontage and 118-9 depth. Mabel C. Elbert to Black & Campbell. May 28, 1928	June 1, 1928—W FOLSOM & 5th NW alg 5th 160 to SE Clementina x SW 275 ptn 100 v Blk 382. The Voorman Co. to Atlas Heating & Ventilating Co. June 1, 1928	May 29, 1928—E 17th AVE 150 N VICENTE N 25 x E 120. Leo Toge vs Bernhard Kari. \$30
May 29, 1928—W 21st AVE. 25 S LAWTON 25x95. August Hailgren to whom it may concern. May 29, 1928	June 1, 1928—E 40th AVE. 175 S JUDAH S 25 x E 120. W. H. Reed to whom it may concern. May 21, 1928	May 29, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120. Leo Toge vs Bernhard Kari. \$30
May 29, 1928—W GLADYS 284 N APLETON AVE. John P. McCall to whom it may concern. May 29, 1928	June 1, 1928—S HERMAN 160 E BUCHANAN E 76-8 1/2 S 70-0 1/4 SW 82-11 1/2 N 101-6 1/4. H. J. Gardner to whom it may concern. June 1, 1928	May 31, 1928—E BEVERLY 50 N Shields N 50 x E 50. Reinhart Lbr & Planing Mill Co vs H H Putnam and W S Barron. \$99
May 29, 1928—SW BOSWORTH 25 N Hamerton Ave. NW 25 S SW 100 Lot 7 Blk 6 Mission and 30th Sts. Etnx. Bd. Union. Olaf Axdal to whom it may concern. May 29, 1928	June 1, 1928—E 30th AVE 25 S IRVING S 25 x E 82-6. Geo. F. Rundle to whom it may concern. June 1, 1928	May 31, 1928—NE SHIELDS & BEVERLY N 50 x E 50. Reinhart Lbr & Planing Mill Co vs H H Putnam and W S Barron. \$99
May 29, 1928—LOTS 45 and 46 BLK O Mission St. Land Co. Robert Neil to whom it may concern. May 29, 1928	June 4, 1928—W WILLARD 100 N TURK. Henry Erickson to whom it may concern. May 19, 1928	May 31, 1928—N BROAD 124-4 1/2 E ORIZABA E 24-10 1/2 x N 125 Lot 6 Blk 1 Rail'd Hd Assn No 2. Reinhart Lbr & Planing Mill Co. vs H H Putnam and W S Barron. \$99
May 29, 1928—LOTS 26, 31, 41, 15 BLK 6800 Map Castle Manor. Castle Bldg. Co. fmly Gensler, Lee Inv. Corp. to Henry Horn. May 26, 1928	June 4, 1928—N VALLEJO 95 W WEBSTER N 137-6 x W 30. Mary C Mahony to Wm Martin. May 29, 1928	May 31, 1928—N BROAD 149-3 E ORIZABA E 24-10 1/2 x N 125. Reinhart Lbr & Planing Mill Co vs H H Putnam and W S Barron. \$99
May 31, 1928—E 26th AVE 75 N MORAGA 25x95. R. E. Chipperfield to whom it may concern. May 31, 1928	June 4, 1928—LOT 24 BLK 3046 Map Blk 3046 and ptn Blk 3077 Monterey Heights. A J Wilbe to whom it may concern. June 1, 1928	May 21, 1928—N BROAD 99-6 E ORIZABA E 24-10 1/2 x N 125. Reinhart Lbr & Planing Mill Co vs H H Putnam and W S Barron. \$99
May 31, 1928—SW 25th & SANCHEZ W 76-9 x S 61. August Miclo to whom it may concern. May 31, 1928	June 4, 1928—W 31st AVE 125 N FULTON N 25 x W 120. O M Cook to whom it may concern. June 2, 1928	May 31, 1928—S GEARY 120 W LARKIN W 40 x S 120. Michel & Pfeffer Iron Works vs E V Lacey and M P Vukicevich. \$175.74
May 31, 1928—NW 26th AVE 100 N Santiago N alg 26th Ave 25 x W 120. Fred L. Campbell to whom it may concern. May 31, 1928	June 4, 1928—NE CALIFORNIA and Broderick 55 on California x 110. Phil Harris to whom it may concern. June 4, 1928	May 31, 1928—S PINE 92 E STOCKTON E 45-6 S 80 W 20 N 2-6 W 25-6 N 77-6 to S Pine and pt beg. Concealo Fixture Co. Inc. vs E V Lacey and Lacey Invest Co. \$101
May 31, 1928—W JOHNSTON AVE 300 S Geary S 25 x W 112-6. Robert and Rena Fay to Arthur R. Siggs. May 31, 1928	June 4, 1928—S WILDE AVE 35 E Goettingen E alg 35 x S 100 Blk 60 Reis Tract. Angelo and Anna Federico to George Ansok. June 4, 1928	May 31, 1928—N FILBERT 185 E VAN NESS AVE N 148 W 58 S 10-6 E 6-in. S 37-3 W 37-6 S 100-3 E to beg. Concealo Fixture Co. Inc. vs E V Lacey Veronica E Lacey and Lacey Invest Co. \$500
June 2, 1928—NE CLEMENT & 5th Ave dist 30 N Clement x N 100. Ernest and Selena Fechner to whom it may concern. May 3, 1928	June 5, 1928—E ARCH 425 N GARFIELD known as 564 Arch St. Ernest Backman to whom it may concern. June 1, 1928	May 31, 1928—LOT 25 BLK 2 Forest Hill. Redwood Manufacturers Co. vs George E and Genevieve Steninger, Marion Parker and Louis Goldstein. \$358
June 2, 1928—N 5th & BRYANT NE 100 x NW 17-6. Blanche W. Present, Lena Worth and Lloyd R. Wertheimer and J. I. Mitrovich. May 31, 1928	June 5, 1928—E 32nd AVE 100 N SANTIAGO N 25 x E 120. Castle Building Co. (fmly. Gensler Lee Inv. Co.) to Henry Horn. June 1, 1928	May 29, 1928—W 5th 162-7 1/2 S HARRISON S 78 x W 160. William F. Gunnison vs Paul Santucci and New San Francisco Laundry. \$3200
June 2, 1928—LOT 43 COR SANTA ANA and Darian Way known as Santa Anna. Geo. W. and Josephine Stanley to whom it may concern. June 1, 1928	June 5, 1928—LOT 42 BLK 6800 Map Castle Manor. Castle Building Co. (fmly. Gensler Lee Inv. Co.) to Henry Horn. June 2, 1928	June 1, 1928—N DE LONG with SW Liebig W 82-4 N 70 SE 109-2 Lot 1 Blk F Mission St Land Co. Ewald A and George W Nielson (as New Babbo Mill Co) vs Mrs Emilie Radulovich, George G Ritter. \$290
June 2, 1928—W 16th AVE 70 N ULLOA 25x100. C. M. R. B. and Hazel Brown to C. M. Brown and Son. June 2, 1928	June 5, 1928—S VICENTE 57-6 E 24th Ave E alg Vicente 25 x S 90. Hiram P. Hoyt to H. P. Hoyt. June 4, 1928	June 1, 1928—S GEARY 120 W LARKIN W 40 x S 120. H. H. Hansen vs Title Ins & Guar Co. E V Lacey, M E Vukicevich, Lacey Inv Co. \$1278.50
June 2, 1928—W 10th AVE. 100 N JUDAH W 120 x N 50. Christopher M. Cook to whom it may concern. June 2, 1928	June 5, 1928—S VICENTE 32-6 E 24th Ave E alg Vicente 25 x S 90. Hiram P. Hoyt to H. P. Hoyt. June 4, 1928	June 1, 1928—S GEARY dist 120 W Larkin W alg S Geary 40 x S 120 to N Myrtle Ave being ptn WA 10. American Rubber Mfg. Co. vs E V Lacey and M E Vukicevich. \$211.49
June 2, 1928—LOT 35 BLK H Map Sub Columbia Hts Tct. Jack Buckley to whom it may concern. June 2, 1928	June 5, 1928—W VICTORIA 525 N Garfield N alg Victoria 25 x W 100 Lot 29 Blk 34 City Land Assn. Eric Dahlberg to whom it may concern. June 5, 1928	June 1, 1928—E RUSSIA & MUNICH SE 50 x NE 75 ptn Blk 91 Excelsior Hd Assn. J Fuller, L Franklin vs Harry and Teresa H Wessell. \$293
June 2, 1928—E 29th AVE. 125 N Kirkham N 25 x E 120. Frederick J. Luipold to whom it may concern. June 2, 1928	June 5, 1928—W VAN NESS AVE 134-0 1/4 S Clay S 48-8 x W 137-6. Van Clay Builders Inc., to whom it may concern. June 5, 1928	June 1, 1928—NE RUSSIA AVE 50 SE Munich SE 25 x NE 75. W E Trousdale vs Harry J and Dorothy Schultheis, Harry and Teresa H Wessell. \$110
June 2, 1928—NW MOSCOW 175 NE France Ave NE 25 x NW 100 ptn Blk 75 Excelsior Hd Assn. John P. and Rose Magee to whom it may concern. June 2, 1928	June 5, 1928—LOTS 38, 41 BLK 31, Sunnyside. Gordon W. Morris to whom it may concern. June 5, 1928	June 1, 1928—NE RUSSIA AVE 75 SE Munich SE 25 x NE 75. W E Trousdale vs Harry J and Dorothy Schultheis, Harry and Teresa H Wessell. \$110
June 2, 1928—S NORTH POINT 118-9 W Broderick W 75 x S 137-6. Martin P. Jordensen to whom it may concern. June 2, 1928	June 4, 1928—2566 VALLEJO ST. Ernestine Ball to Clarence M Moore and M P Madsen. May 29, 1928	June 1, 1928—E LEAVENWORTH 115 N Jackson N alg E Leavenworth 26-11 1/4 x E 137-6. Concealo Fixture Co Inc vs A L Lundy. \$393
June 1, 1928—LOT 27 BLK Q PTN Park Lane Tract No. 3. Gottlieb Balliet June 1, 1928	LIENS FILED San Francisco County	June 1, 1928—E 30th AVE 200 N Kirkham E 120 x N 50. Rosehan Batchelor Finch Co vs N W Johnson and Albert A Plage. \$54
June 1, 1928—SE MOSCOW 200 NE France Ave NE 25 x SE 100 ptn Lot 3 Blk 80 Excelsior Hd. Assn. Carl E. Sells and Nels Simonsen to whom it may concern. May 29, 1928	Recorded May 29, 1928—W FIFTH 162-7 1/2 S Harrison th alg W 5th S 78 x W 160 to Merlin. Gunn, Carle & Co. vs New San Francisco Laundry, New San Francisco Laundry Inc. and W F. Gunnison. \$508.19	June 1, 1928—E LEAVENWORTH 115 N Jackson alg Leavenworth 26-11 1/4 x E 37-6 ptn 50 v Lot 891. O Fantozzi and B Del Tredici (as Star Concrete Co.) vs A L Lundy. \$283.69
June 1, 1928—W 14th AVE 25 N VICENTE 25x100. G. J. Elkington and Sons to whom it may concern. May 13, 1928	May 29, 1928—S GEARY 120 W LARKIN W 40 x S 120 to N Myrtle WA 10 Malott & Peterson vs E. V. Lacey and M. E. Vukicevich. \$9.050	May 21, 1928—SE PRAGUE 24.23 NE Navior NE 24.23 m or l SE 68.73 SW 24.21 NW 68.73 m or l ptn lot 1 blks 6417. Crocker Amazon Tract No. 2. Eureka Elec Co vs John L Hardiman and Francis O'Connor. \$70
June 1, 1928—SE MARKET (as widened) dist. 220.157 NE from NE Morgan Alley NE 37.087 th S 70° 45' E 121.493 m or l to SE line of Lot 20 Blk 19. Mary Grother to H. W. Grother. May 29, 1928	May 29, 1928—S GEARY 120 W LARKIN W 40 x S 120. The American Rubber Mfg. Co. vs E. V. Lacey and M. Vukicevich. \$211.49	June 2, 1928—E 20th AVE 175 S Lake S 71 x E 120. M. Muller vs O. M. Oyen. \$790
June 1, 1928—S FARRALONES 275 E Plymouth Ave E 25 x S 125 Lot 14 Blk K Railroad Hd Assn No 2. Walter C Jenkel to whom it may concern. May 31, 1928	May 29, 1928—E HYDE 114-6 N Jackson N 30 x E 120. J. T. W. Jay vs Vincenzo Germano. \$197	June 2, 1928—LOT 14 BLK 134 Map Brown Estate Co.'s Sub Ftn University Mound. The California Door Corp. vs Paul Heretora. \$100
June 1, 1928—W PARIS 350 S FRANCE Ave. Alcide Spediacci to Joseph Novello. May 31, 1928	May 29, 1928—N FILBERT 185 E VAN NESS AVE N 148 W 58 S 10-6 E 6-in. S 37-3 W 37-6 S 100-3 to N Filbert E 44. Isaac and Abraham Friedman (as Friedman Bros.) vs E. V. and Veronica E. Lacey and Lacey Inv. Co. \$500	June 2, 1928—W 16th AVE. 270.2 N ULLOA N alg W 16th Ave 24.10 x W 120 Lot 10 Blk 2409 O D 1181. Carl Stendell vs Bernhard Kari. \$230
June 1, 1928—E 22nd AVE 175 N		June 4, 1928—S GEARY 120 W LARK-

IN W alg S Geary 40 x S 120. Walter G Thompson vs E V Lacey and M E Vukicevich and or Lacey Investment Co.....	\$304.4
June 4, 1928—LOTS 5, 6, 7 BLK 1 Map Lots of Railroad Hd Assn N 2. Holmes Lime & Cement Co vs H H Putnam and W S Barron.....	\$33.50
June 4, 1928—S GEARY 120 W LARK-IN W 40 x S 120 Lot 11 Blk 716. Chris Berg vs E V Lacey, M E Vukicevich and Title Ins & Guar Co.....	\$10,575
June 4, 1928—SW FRANCIS 123-11 SE Alemany Ave SE and alg SW Francis 25 x SW 150 ptn Female Academy blk, known as 79 Francis St. The Greater City Lbr Co vs Edward F and Christine C Crawford.....	\$146.25
June 4, 1928—SE VALENCIA and 15th S alg E Valencia 45 E 100. J E Back Co Inc vs Jules Besette.....	\$569.66
June 4, 1928—S GEARY 120 W LARK-IN W 40 x S 120 Ptn WA 10. J E Back Co Inc vs E V Lacey, W E Vukicevich and Lacey Inv Co.....	\$629.71
June 4, 1928—S GEARY 120 W LARK-IN W 40 x S 120. M Greenberg & Sons vs E V Lacey and M E Vukicevich.....	\$268.15
June 4, 1928—W 16th AVE 305 S TARAVAL S 24-10 x W 120. John Magnuson vs Bernhard Kari.....	\$305
June 4, 1928—S PINE 92 E STOCKTON E 45-6 S 80 W 20 N 2-6 W25-6 N77-6. J E Back Co Inc vs E V Lacey and Lacey Inv Co.....	\$1025
June 4, 1928—S PINE 92 E STOCKTON E 45-6 S 80 W 20 N 2-6 W25-6 N77-6. M Greenberg's Sons vs E V Lacey.....	\$225.90
June 4, 1928—W 42nd AVE 75 N CABRILLO 25 x W 120. Ben Carlson vs Corrine and J A Frye.....	\$260
June 2, 1928—W 34th AVE 175 E RIVERA N 25 x W 120. McHugh Improvement Co. vs Robert Oslin.....	\$364.20
June 4, 1928—W 42nd AVE 125 N CABRILLO N 25 x W 82-6. Ben Carlson vs Corrine and J A Frye.....	\$260
June 4, 1928—NE SHIELDS & BEVERLY E 50 x N 100 Lots 7 and 8 Blk 5 City Land Assn. Holmes Lime & Cement Co vs H H Putnam and W S Barron.....	\$32.50
April 28 1928—N LOBOS 60 E ORIZABA Ave E 30 x N 75 Ptn Lot 6 Blk O Map Lands of Railroad Hd Assn. Silvio Di Vita vs F C and Luella W Wolpert.....	\$208.64
April 28 1928—N LOBOS 30 E ORIZABA Ave E 30 x N 75 Ptn Lot 6 Blk O Map Lands of Railroad Hd Assn. Silvio Di Vita vs F C and Luella W Wolpert.....	\$225.25
April 28, 1928—N FARALLONES 415 E Orizaba Ave E alg Farallones 25 x N 125 Ptn Blk L Map Lands of Railroad Hd Assn. Silvio Di Vita vs F C and Luella Wolpert.....	\$287.20
April 28, 1928—N FARALLONES 440 E Orizaba Ave E alg Farallones 25 x N 125 Ptn Blk L Map Lands of Railroad Hd Assn. Silvio Di Vita vs F C and Luella Wolpert.....	\$287.20
June 5, 1928—W 16th AVE 270-2 N UL-LOA N 25 x W 120. Frank Norcia vs Bernhard and Lydia Kari.....	\$600
June 5, 1928—E 17th AVE 150 N VICENTE N 25 x E 120. Frank Norcia vs Bernhard and Lydia Kari.....	\$525
June 5, 1928—E 17th AVE 125 N VICENTE N 25 x E 120. Frank Norcia vs Bernhard and Lydia Kari.....	\$525
June 5, 1928—S GEARY 120 W LARK-IN W 40 x S 120. Jas Henning and John E. Schmid (as Eureka Iron & Wire Works) vs E. V. Lacey and M. E. Vukicevich.....	\$1812
June 5, 1928—W CHURCH 89 N HILL N 25 W 101-9 S 25 E 101-9. H. S. Thomson vs G. Erickson and Morris Berman.....	\$103.41
June 5, 1928—SE 15th & VALENCIA S 45 x E 100. Charles F. Magne vs Jules Besette.....	\$1381.22

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
May 31, 1928—LOT 42 BLK 8 Sunnyside W Foerster 25 N Mangels 25x100. Ginsberg Tile Co to Francis J Foster	
May 31, 1928—NW NAPLES 200 SW Avalon SW alg NW Naples th at right angles NW 100 NE 25 SE 100 to NW Naples and pt of beg, being pts blk 48 Excelsior Hd Assn, also known as blk 6008 lot 6 Assessor's Map Book. San Francisco Terazzo	

Assn to H R and A Hubbard and R Hill.....	\$45
May 31, 1928—W FOERSTER 50 N MANGELS AVE N alg W Foerster 25 x W 100 Lot 42 Blk 8 Sunnyside Sub. A. Nelson to whom it may concern.....	
May 31, 1928—W FOERSTER 25 N MANGELS AVE N alg W Foerster 25 x W 100 Lot 43 Blk 8 Sunnyside Sub. A. Nelson to whom it may concern.....	
May 31, 1928—W FOERSTER 50 N MANGELS AVE N 25 x W 100 Lot 42 Blk 8 Sunnyside Tract. Frank Hanson to Francis J and Laura J Foster	
May 31, 1928—W FOERSTER 25 N MANGELS AVE N 25 x W 100 Lot 43 Blk 8 Sunnyside. Frank Hanson to Francis J and Laura B Foster.....	
May 31, 1928—W FOERSTER 25 N MANGELS AVE Lots 42 and 43 Map Sunnyside. F G Norman & Sons to F J and Laura Foster.....	
May 31, 1928—W FOERSTER 25 and 50 N MANGELS AVE N 25 x W 100 Lots 42 and 43 Blk 8 Sunnyside. Sudden Lbr Co. and New Balboa Mill Co to F. J. and Laura B Foster.....	
May 31, 1928—LOTS 42 and 43 BLK 8 Sunnyside. L Devincenzi to F J Foster.....	
June 1, 1928—W BAKER 112-6 N Hayes N 25 x W 121-1/2. United Materials Co to Alois Schneider, E K Nelson, Julius Thorne.....	
June 4, 1928—LOTS 23 and 24 BLK 2432 official map SE Ulloa and 32nd Ave S 275 x E 120. Highway Finance Corp to Emily C Thomas.....	\$1462.25
June 5, 1928—N BROADWAY 182-6 W Leavenworth W 22-9 x N 137-6. Reinhardt Lumber & Planning Mill Co. to J. A. Johnson and Herman Pappa.....	
June 5, 1928—S GROVE 175 E DIVISADERO E 38 x S 100. S. Zimmerman & Co. to Harry W. and Bernice L. Sorenson.....	

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
1231	East	Owner	1000
1232	Jones	Warner	4750
1233	Johnson	Johnson	3500
1234	Swanson	Owner	11000
1235	Hunter	Owner	2000
1236	Rees	Rees	7500
1237	Abrahamson	Kulchar	4000
1238	Fleming	Owner	3650
1239	Grangoia	Valente	4875
1240	Heinz	Owner	30000
1241	Vanderweyde	Calif.	175000
1242	Wilson	Reimers	9000
1243	Sims	Owner	3000
1244	Gray	Malmstrom	3000
1245	Perrin	Jordan	4500
1246	Royce	Owner	2000
1247	Mosswood	Orton	10000
1248	Rex	Spivock	14200
1249	First	Cederborg	41800
1250	First	Cederborg	1000
1251	California	Owner	1000
1252	Gray	Rowe	4150
1253	Heer	Anderson	3650
1254	Hicks	Rowe	3700
1255	Norton	owner	27000
1256	Schulthesis	owner	4100
1257	Vogt	Owner	1800
1258	Hooper	Owner	5750
1259	Reusch	Owner	3500
1260	Williams	Windsor	6000
1261	Johnson	Owner	3700
1262	Long	Hensley	2150
1263	Minney	Erickson	9600
1264	Oakland	Peterson	54000
1265	Oakland	Olson	100990
1266	Rau	Downe	6000
1267	Rinehart	Loughery	3000
1268	Smith	Owner	2000
1269	Steindell	Owner	6000
1270	Neal	Appelbe	8350
1271	Bean	Beckett	16500
1272	Bates	Bixter	5000
1273	Carp	Broad	1500
1274	De Munck	Owner	5750
1275	Hughes	Blitrite	4500
1276	Ballagh	Monez	3500
1277	Fashion	Duval	2000
1278	Conservative	Owner	1000
1279	Howard	Walsh	32500
1280	Hughes	Owner	1000
1281	Johansen	Owner	1500
1282	Miller	Graybill	5000
1283	Payne	Waldman	6000
1284	Rule	Warner	13743

STORE
(1231) NE COR. 38th & BROADWAY, Oakland; 1-story store.
Owner—East Bay Freezer Co., 1741 Broadway, Oakland.
Architect—None \$1,000

DWELLING & GARAGE
(1232) N MOT. BLVD. 200 W FERNWOOD DRIVE, Oakland; 1-story 5-room dwelling and garage.
Owner—Mrs. O. H. Jones, E 14th and 24th Ave.
Architect—None.
Contractor—Warner Bros., 419 E Merle Court, San Leandro. \$4,750

DWELLING
(1233) 1807 78th AVE., Oakland; 1-story 5-room dwelling.
Owner—E. Johnson, 223 Greenbank Ave., Oakland.
Architect—None.
Contractor—L. Johnson & Son 223 Greenbank Ave., Oakland. \$3,500

DWELLINGS
(1234) 2024-6 and 2028-30 6th AVE., Oakland; two 2-story 12-room dwellings.
Owner—A. W. Swanson, 3016 Kansas St. Architect—None. \$5,500 each

RESIDENCE
(1235) NO. 1410 SPRING WAY, Berkeley. One-story 3-room one-family residence.
Owner—Myrtle Hunter, 4129 Randolph Ave., Oakland.
Architect—C. E. Burkes. \$2000

RESIDENCE
(1236) NO. 10 PROSPECT ROAD, Piedmont. One and one-half-story 8-room frame residence and garage.
Owner—Mr. and Mrs. A. W. Rees, 2566 63rd Ave., Oakland.
Architect—None.
Contractor—A. W. and W. A. Rees, 2566 63rd Ave., Oakland. \$7500

ALTERATIONS
(1237) SE COR. SAN PABLO AVE and 15th St., Oakland; alterations.
Owner—J. and H. Abramson, no address.
Architect—None.
Contractor—S. Kulchar, 8th Ave. and E 10th St. \$4000

DWELLING & GARAGE
(1238) E MAGEE AVE. 200 N CALIFORNIA, Oakland; 1-story 6-room dwelling and 1-story garage.
Owner—Fleming Bros., 3806 Loma Vista Ave., Oakland.
Architect—None. \$3650

DWELLING
(1239) 5120 MILES AVE., Oakland; 1-story 5-room dwelling.
Owner—B. Grangoia, no address.
Architect—None.
Contractor—M. E. Valente, 5118 Clark St., Oakland. \$4875

WAREHOUSE
(1240) 2990 SAN PABLO AVE, Berkeley; 1-story 1-room class C warehouse.
Owner—H. J. Heinz Corp., 2990 San Pablo Ave., Berkeley.
Architect & Contractor—Austin Co., 720 Ray Bldg., Oakland. \$30,000

HOTEL
(1241) SW COR. SECOND AVE. & E 12th St., Oakland; 4-story 72-room concrete hotel.
Owner—Wm. Vanderweyde, 1626 Franklin St., Oakland.
Architect—None.
Contractor—Calif. Builders, 1626 Franklin St., Oakland. \$175,000

DWELLING
(1242) 1366 SUNNYHILLS ROAD, Oakland; 2-story 6-room dwelling.
Owner—R. A. Wilson, no address.
Architect—None.
Contractor—Irvin H. Reimers, 745 Walla Vista Ave., Oakland. \$9,000

DWELLING
(1243) 3256 WYMAN ST., Oakland; 1-story 5-room dwelling.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. \$3,000

RESIDENCES
(1244) 2551-55 ROSE WALK, Berkeley; two 1-story 3-room 1-family residences.

Owner—Dr. B. F. Gray, 2519 Rose Walk, Berkeley.
 Architect—H. H. Gutterson, San Francisco.
 Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland. \$1500 each

RESIDENCE
 (1245) 1526 LE ROY AVE., Berkeley; 2-story 6-room 1-family residence.
 Owner—F. Perrin, 1435 Walnut St., Berkeley.
 Architect—None.
 Contractor—M. Jordan, 5844 Broadway, Oakland. \$4500

RESIDENCE
 (1246) 2355 WEST ST., Berkeley; 1-story 4-room 1-family residence.
 Owner—Clarence Royce, 1131 High Court, Berkeley.
 Architect—None. \$2000

LAUNDRY
 (1247) S MOSS AVE 250 E Broadway, Oakland. Auto laundry.
 Owner—Mosswood Rapid Auto Laundry, 5748 E-14th St., Oakland.
 Architect—None.
 Contractor—A. E. Orton Master Builders 5748 E-14th St., Oakland. \$10,000

CLEANING WORKS
 (1248) NO. 1524 E-TWELFTH ST., Oakland. One-story brick and tile cleaning and dyeing works and one-story brick and tile cleaning room.
 Owner—Rex Dye Works, Premises.
 Architect—None.
 Contractor—Spivock & Spivock, Hobart Bldg., San Francisco. \$14,200

SCHOOL AUDITORIUM
 (1249) 2619 DWIGHT WAY, Berkeley; 1-story school auditorium, frame bldg.
 Owner—First Church of Christ.
 Architect—Bernard Maybeck, 526 Powell St., San Francisco.
 Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. \$41,800

ALTERATIONS
 (1250) 2601 DWIGHT WAY, Berkeley; alterations.
 Owner—First Church of Christ.
 Architect—None.
 Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. \$1,000

ADDITION
 (1251) SW COR. 85th AVE. & RUSSET St., Oakland; addition.
 Owner—California Packing Corp., 101 California St., San Francisco.
 Architect—None. \$1000

DWELLING & GARAGE
 (1252) N 61st ST. 100 W CALIFORNIA St., Oakland; 1-story 6-room dwelling and 1-story garage.
 Owner—E. B. Gray, Blake Bldg.
 Architect—None.
 Contractor—J. J. Rowe, 2522 Magnolia St., Oakland. \$4150

DWELLING & GARAGE
 (1253) 101 GLENWOOD GLADE, Oakland; 1-story 5-room dwelling and 1-story garage.
 Owner—H. W. Heer, 2028A Delaware St., Berkeley.
 Architect—None.
 Contractor—N. B. Anderson, 2028A Delaware St., Berkeley. \$3650

ALTERATIONS
 (1254) 833 KIRKHAM ST., Oakland; alterations for apartment and 1-story garage.
 Owner—Mrs. M. Hicks, no address.
 Architect—A. J. Yerrick.
 Contractor—J. J. Rowe, 2522 Magnolia St., Oakland. \$2700

APARTMENTS
 (1255) E 14th AVE. 150 S GORE of 19th Ave., Oakland; 3-story 30-room apts.
 Owner—H. A. Norton, 1501 Cavanaugh Road, Oakland.
 Architect—None. \$27,000

DWELLING & GARAGE
 (1256) 3008 MAPLE AVE., Oakland; 1-story 5-room dwelling and 1-story garage.
 Owner—Frank L. Schultheiss, 4121 Redding St., Oakland.
 Architect—None. \$4100

ADDITION
 (1257) 4108 ALLENDALE AVE., Oakland; addition.
 Owner—E. Vogt, 4108 Allendale Ave., Oakland.
 Architect—None. \$1800

RESIDENCE & GARAGE
 (1258) 1958 YOSEMITE AVE., Berkeley; 2-story 8-room 1-family residence and garage.
 Owner—D. G. Hooper, 732 Cragmont Ave., Berkeley.
 Architect—None. \$5750

RESIDENCE
 (1259) 1635 CORNELL AVE., Berkeley; 1-story 5-room 1-family residence.
 Owner—Emma Reusch, 1812 Berkeley Way, Berkeley.
 Architect—D. D. Reusch. \$3500

RESIDENCE
 (1260) 1510 ARCH ST., Berkeley; 2-story 5-room 1-family residence.
 Owner—Thomas Williams, 2319 Blake St., Berkeley.
 Architect—W. W. Dixon, 1844 5th Ave., Oakland.
 Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. \$6000

DWELLING & GARAGE
 (1261) S ATLAS AVE. 100 E REDWOOD Road, Oakland; 1-story 5-room dwelling and 1-story garage.
 Owner—O. W. Johnson, 4551 Virginia St., Oakland.
 Architect—None. \$3700

DWELLING & GARAGE
 (1262) 3422 ADELL COURT, Oakland; 1-story 6-room dwelling and 1-story garage.
 Owner—M. P. Long, 2001 Hopkins St., Oakland.
 Architect—None.
 Contractor—Hensley & Kessler, 2001 Hopkins St., Oakland. \$3150

DWELLINGS
 (1263) 8321-27 Outlook Ave., Oakland; 2 1-story 6-room dwellings.
 Owner—E. T. Minney, 427 14th St., Oakland.
 Architect—None.
 Contractor—Walter Ericson, 3830 Hopkins St., Oakland. \$4800 each

SCHOOL
 (1264) W FOOTHILL BLVD. 800 W 88th Ave., Oakland; 2-story 62-room brick school.
 Owner—Oakland Public Schools, City Hall.
 Architect—Miller & Warnecke, Actico Bldg., Oakland.
 Contractor—George Petersen, 1841 Santa Clara St., San Leandro. \$540,000

GYMNASIUM
 (1265) N 26th ST. bet. FILBERT and Linden Sts., Oakland; 1-story 16-room brick and tile gymnasium.
 Owner—Oakland Public Schools, City Hall.
 Architect—J. I. Easterly, 337 17th St., Oakland.
 Contractor—Alfred Olson, 631 Viona Ave., Oakland. \$100,990

ALTERATIONS
 (1266) 824 WEBSTER ST., Oakland; alterations.
 Owner—S. A. Rau Co., 824 Webster St., Oakland.
 Architect—None.
 Contractor—Downe & Valentine, corner Maple and Laurel. \$6000

ALTERATIONS
 (1267) 1432 5th AVE., Oakland; alterations to apts. and 1-story garage.
 Owner—Mrs. J. T. Rinehart, no address.
 Architect—None.
 Contractor—J. F. Loughery, 705 31st St., Oakland. \$3000

DWELLING
 (1268) S JONES, 50 E WALTER AVE., Oakland; 1-story 5-room dwelling.
 Owner—Mrs. R. Smith, 1310 96th Ave., Oakland.
 Architect—L. F. Hyde, 722 Hanover Ave., Oakland. \$2000

DWELLING
 (1269) 1040 NORWOOD AVE., 1½-story 7-room dwelling.
 Owner—Sam Steindell, 38 Northhampton Ave., Berkeley.
 Architect—None. \$6000

RESIDENCE
 (1270) 92 SAN MATEO AVE., Berkeley; 2-story 6-room 1-family residence.
 Owner—Mrs. H. A. Neal, Berkeley.
 Architect—J. K. Ballantine, 526 Powell St., San Francisco.
 Contractor—Frank Appelbe, 2405 Acton St., Berkeley. \$3350

RESIDENCE & GARAGE
 (1271) 3 RICHARDSON WAY, Piedmont; 2-story 10-room frame residence and garage.
 Owner—Geo. Bean, 158 Grand Ave., Oakland.
 Architect—Edwin L. Snyder, 2108 Addison St., Berkeley.
 Contractor—Beckett-Wight, 722 Scenic Ave., Piedmont. \$16,500

RESIDENCE
 (1272) 985 REGAL ROAD, Berkeley; 1-story 5-room 1-family residence.
 Owner—Hellen P. Bates, 981 Regal Road, Berkeley.
 Architect—None.
 Contractor—H. E. Bixler, 3944 Lyon Ave., Oakland. \$5000

ALTERATIONS
 (1273) 2218 DURANT AVE., Berkeley; alterations.
 Owner—Mrs. E. Carp.
 Architect—None.
 Contractor—A. H. Broad, 2117 Kitterage St., Berkeley. \$1500

RESIDENCE
 (1274) 1741 HOPKINS ST., Berkeley; 1-story 6-room 1-family residence.
 Owner—De Munck Bros., 410 Hudson St., Oakland.
 Architect—None. \$5750

RESIDENCE
 (1275) 1212 SHATTUCK AVE., Berkeley; 1-story 6-room 1-family residence.
 Owner—Samuel Hughes, 1809 Bonita Ave., Berkeley.
 Architect—None.
 Contractor—Biltrite Const. Co., 1230 Portland Ave., Albany. \$4500

DWELLING
 (1276) 4032 WATERHOUSE RD., Oakland; 1-story 5-room dwelling.
 Owner—G. Ballagh, 893 Aileen St., Oakland.
 Architect—None.
 Contractor—A. H. Monez, 4036 Everett Ave., Oakland. \$3500

ALTERATIONS
 (1277) 1225 WASHINGTON ST., Oakland; alterations.
 Owner—The Fashion Bootery.
 Architect—None.
 Contractor—Edwin Duval, 207 Dalziel Bldg., Oakland. \$2000

STORAGE TANK
 (1278) 4650 CLEMENT ST., Oakland; storage tank.
 Owner—Conservative Service Corp., 4650 Clement St., Oakland.
 Architect—None. \$1000

WAREHOUSE
 (1279) S 1st St., 400 W MARKET; 1-story brick and concrete warehouse.
 Owner—Howard Co., 1st and Market Sts.
 Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
 Contractor—J. T. Walsh, 608 Woodland Ave., San Leandro. \$32,500

ALTERATIONS
 (1280) 16 VERNON ST., Oakland; alterations.
 Owner—F. W. Hughes, no address.
 Architect—None. \$1000

ADDITION
 (1281) 3622 MAGEE AVE., Oakland; addition.
 Owner—Victor Johansen, 3622 Magee Ave., Oakland.
 Architect—None. \$1500

DWELLING
 (1282) E MILLSBRAE, 96 S CAMDEN; Oakland; 1-story 6-room dwelling.
 Owner—Martin Miller, 3038 Millsbrae, Oakland.
 Architect—None.
 Contractor—Wm. B. Graybill. \$5000

DWELLING
 (1283) NW COR. MAXWELL & TRASK Oakland; 2-story 6-room dwelling.
 Owner—F. F. Payne, 3304 Peralta Ave., Oakland.
 Architect—None.
 Contractor—W. E. Waldman, 386 15th St., Oakland. \$6000

STORES
 (1284) SE COR. 8th & FRANKLIN STS., Oakland; 2-story 5-room brick stores.
 Owner—J. M. Rule, 3433 Telegraph Ave., Oakland.

Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. \$13,743

BUILDING CONTRACTS

Alameda County

159	Great Western	Kulcher	32572
160	Frandsen	De Velbiss	25497
161	Anderson	Bothwell	9600
162	California	Judson	1368
163	First	Cederborg	41896
164	First	Builders	2600
165	First	Eckhardt	3073
166	First	Burdon	5750
167	First	Rigney	2927
168	First	Scott	10985
169	First	Russo	3250
170	First	Oakland	1990
171	First	East	925
172	Neal	Appelbe	9908
173	Williams	Windsor	7235
174	College	Conner	47413
175	McEntyre	McCullough	21840
	Pew	Doehring	700

ALTERATIONS

(159) COR. BROADWAY & 17th ST., Oakland; alterations to office.

Owner—The Great Western Power Co., 437 Sutter St., San Francisco.

Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.

Contractor—S. Kulchar & Co., 731 E 10th St., Oakland.

Filed May 31, 1928. Dated May 28, 1928.

10th of each month, 75% of value inc., less previous payments.

On completion, amount sufficient to make total payments 75% of contract price.

Balance usual 35 days.

Two bonds, \$16,286.21, \$16,286.21. Sureties Hartford Accident Indemnity Co. Forfeit, none. Limit, Aug. 10, 1928. Plans and Spec. filed.

Office & Store Bldg.

(160) INTER. NW LAKE SHORE AVE. with SW Mandana Blvd., Oakland; general construction for 2-story Class C office and store bldg.

Owner—Julia G. Frandsen, 3433 Lake Shore Ave., Oakland.

Architect—Frederick H. Reimers, Franklin Bldg., Oakland.

Contractor—C. Dudley De Velbiss, 354 Hobart St., Oakland.

Filed May 31, 1928. Dated June 4, 1928.

When excavation is completed...\$3642.50

When foundation is completed... 2642.50

When brick work is up to 2nd floor 3642.50

When roof is framed 3642

When brown coated 3642.50

When completed 3642.50

Usual 35 days 3642.50

TOTAL COST, \$25,497.50

Bond, \$12,748.75. Sureties, Commercial Casualty Co. Forfeit, none. Limit, 90 days. Plans and Spec. filed.

RESIDENCE & GARAGE

(161) SW COR. FOURTH & L STS., Livermore; general construction for 1-story frame and plaster residence and double garage.

Owner—James Anderson, 3527 Harrison St., Oakland.

Architect—Sam Bothwell & Son, Livermore.

Contractor—Sam Bothwell & Son, Livermore.

Filed June 1, 1928. Dated May 26, 1928.

When frame is up...\$2000

First coat of plaster 2000

When trim is on 2000

When completed 2000

Usual 35 days 1600

TOTAL COST, \$9600

Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Spec. not filed.

STEEL FRAME BLDG.

(162) 1100 29th AVE., Oakland; delivery and erection of structural steel for 2-story structural steel frame bldg.

Owner—California Packing Corp., 101 California St., San Francisco.

Architect—Philip L. Bush, 101 California St., San Francisco.

Contractor—Judson-Pacific Co., 609 Mission St., San Francisco.

Filed June 1, 1928. Dated May 23, 1928.

When completed...\$1025

36 days after acceptance 342

TOTAL COST, \$1368

Bond, \$1368. Sureties, U. S. Fidelity & Guaranty Co. Forfeit, none. Limit, 40 days. No Plans and Spec. filed.

SUNDAY SCHOOL BLDG.

(163) NE DWIGHT WAY AND BOW-DITCH ST., Oakland; general construction for Sunday school building.

Owner—First Church of Christ Scientist in Berkeley, Berkeley.

Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Contractor—A. Cederborg, 1455 Excelsior Berkeley.

Filed June 1, 1928. Dated,

5th of each month...75%

On completion amount sufficient to make total payments 75% of contract price.

Usual 35 days...Balance

Total Cost to exceed \$41,895

Bond, Sureties, Forfeit, none. Limit, 5 months. Plans and Spec. filed.

CHURCH BLDG.

(164) SW 29th ST. & FAIRMONT AVE., Oakland; furnishing finish hardware.

Owner—First Christian Church of Oakland, also known as Church of Christ, Oakland.

Architect—W. H. Weeks, 111 Sutter St., San Francisco.

Contractor—Builders' Hardware, Inc., of Oakland, 2081 Franklin St., Oakland.

Filed June 1, 1928. Dated May 14, 1928.

When delivered...75%

On acceptance of building...25%

TOTAL COST, \$2600

Bond, \$2600. Sureties, Commercial Casualty Ins. Co. Forfeit \$10 per day. Limit, 10 days. Plans and Spec. filed.

(165) ROOFING WORK on above.

Contractor—Eckhardt and Terrabee, 354 Hobart St., Oakland.

Filed June 1, 1928. Dated May 14, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$3073

Bond, \$3073. Sureties, Commercial Casualty Ins. Co. Forfeit \$10 per day. Limit, 30 days. Plans and Spec. filed.

(166) PAINTING, ETC., on above.

Contractor—Joseph Burdon & Son, 354 Hobart St., Oakland.

Filed June 1, 1928. Dated May 14, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$5750

Bond, \$5750. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 175 days. Plans and Spec. filed.

(167) TILE WORK on above.

Contractor—Rigney Tile Co., 3012 Harrison St., Oakland.

Filed June 1, 1928. Dated May 18, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$2927

Bond, \$2927. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 35 days. Plans and Spec. filed.

(168) PLUMBING AND HEATING on above.

Contractor—Scott Co., 113 10th St., Oakland.

Filed June 1, 1928. Dated May 18, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$10,985.75

Bond, \$10,985.75. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 150 days. Plans and Spec. filed.

(169) CAST CEMENT on above.

Contractor—V. D. Russo Co., 2227 E 14th St., Oakland.

Filed June 1, 1928. Dated May 18, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$3250

Bond, \$3250. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 40 days. Plans and Spec. filed.

(170) TERRAZZO WORK IN COLORS on above.

Contractor—Oakland Concrete & Terrazzo Co., 2227 Market St., Oakland.

Filed June 1, 1928. Dated May 18, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$1990

Bond, \$1990. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 30 days. Plans and Spec. filed.

(171) GLASS AND GLAZING on above.

Contractor—East Bay Glass Co., 360 5th St., Oakland.

Filed June 1, 1928. Dated May 14, 1928.

As work progresses...75%

35 days after acceptance...25%

TOTAL COST, \$925

Bond, \$462.50. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 20 days. Plans and Spec. filed.

DWELLING & GARAGE

(172) LOT 24 BLK 5, Berkeley Square, Berkeley; all work on 2-story frame dwelling and garage.

Owner—Earl S. and Helen A. Neal, 1525 Scenic Ave., Berkeley.

Architect—John K. Ballantine, 526 Powell St., San Francisco.

Contractor—Frank G. Appelbe, 2405 Acton St., Berkeley.

Filed June 4, 1928. Dated May 21, 1928.

When frame is completed...\$2477

When brown coat plaster is comp. 2477

House is completed 2477

Usual 35 days 2477.30

TOTAL COST, \$9908.30

Bond, Sureties, Forfeit, none. Limit, 100 working days. Plans and Spec. filed.

DWELLING

(173) 1710 ARCH ST., Berkeley; all work on 2-story frame stucco dwelling.

Owner—Thomas Williams.

Architect—None.

Contractor—George Windsor, 928 Kings-ton St., Oakland.

Filed June 4, 1928. Dated June 1, 1928.

When frame is up...\$1833.75

When 1st coat plaster is on 1833.75

When completed and accepted 1833.75

Usual 35 days 1833.75

TOTAL COST, \$7325

Bond, Sureties, Forfeit, none. Limit, 90 working days. Plans and Spec. filed.

HOTEL

(174) PT LOT 5 BLK 9, Property of College Homestead Assn., Berkeley; all work on 3-story frame hotel bldg.

Owner—College Women's Club, 2642 Bancroft Way, Berkeley.

Architect—Walter T. Steilberg, 1 Orchard Lane, Berkeley.

Contractor—Conner & Conner, 1726 Grove St., Berkeley.

Filed June 5, 1928. Dated May 29, 1928.

5th day of each month...75%

(value labor and material)

62 days after completion & accp...75%

TOTAL COST, \$47,413

Bond, \$35,559.75. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 100 working days after June 1st. Plans and Spec. filed.

RESIDENCE

(175) LOT 12 PTN LOT 13 BLK F, Claremont Court, Berkeley; general construction on residence.

Owner—C. H. McEntyre, 1930 Broadway, Oakland.

Architect—W. H. Ratcliff, Chamber of Commerce Bldg., San Francisco.

Contractor—Chas. H. McCullough, 1634 Berkeley, Berkeley.

Filed June 5, 1928. Dated June 4, 1928.

When frame of house and garage is up...\$5460

When 1st coat plaster 5460

When completed 5460

Usual 35 days 5460

TOTAL COST, \$21,840

Bond, Sureties, none. Forfeit, \$10 per day. Limit, 80 working days. Plans and Spec. filed.

RESIDENCE

(176) PTN LOT 12, Ross Circle, Oakland. All work for residence.

Owner—R. R. Pew, 2930 Russell St., Berkeley.

Architect—Carl K. Lawrence, 5321 Lawton Ave., Oakland.

Contractor—C. J. Doehring, 2232 Peralta Ave., Oakland.

Filed June 6, 1928. Dated June 5, 1928.

On 15th of each month...75%

Usual 35 days...Final Payment

TOTAL COST, \$700

Bond, none. Limit, July 12, 1928. Forfeit, \$10 per day. Plans and specifications, none.

COMPLETION NOTICES

Alameda County

Recorded May 31, 1928—LOTS 33 and 34 BLK 15, Map No. 8 of Regent's Park, Albany. Frank A. Stokes to whom it may concern...May 28, 1928
May 31, 1928—LOT 7 BLK O, Mulford Gardens Addl., Alameda Co. J. W. Serjeant to whom it may concern...May 26, 1928

May 31, 1928—720 SANTA FE AVE., Albany. Mrs. Albert A. Anderson, also known as Mrs. Eva E. Anderson, to Al Anderson..... May 29, 1928

May 31, 1928—LOT 98 BLK G, Fernside, Alameda. Michael Sorensen to Walter H. Anderson..... May 28, 1928

May 31, 1928—S VIRGINIA ST 200 ft W of Scenic Ave., Berkeley. Milton S. Bonds to Milton S. Bonds..... May 2, 1928

May 29, 1928—CENTERVILLE, Alameda Co. Southern Pacific Co. to R. A. Griffin..... May 21, 1928

May 28, 1928—N ORCHARD ST 150 ft. W of Summit St., Oakland. Peralta Hospital Inc. formerly Hillcrest Hospital Inc. to Pacific Mfg. Co. May 24, 1928; to The Rigney Tile Co., May 24, 1928; to East Bay Sheet Metal Works, May 24, 1928; to A. Knowles, May 24, 1928; to Raphael Co., May 24, 1928; to W. P. Fuller Co., May 24, 1928; to Troy Laundry Machinery Co., Inc., May 24, 1928; to Baker Ice Machine Co., May 24, 1928

May 29, 1928—1054 45th ST., Emeryville. Francis Jones to whom it may concern..... May 26, 1928

May 28, 1928—LOT 4 BLK A, Sim's Knoll, Oakland. Wm. H. Sims to whom it may concern..... May 28, 1928

May 29, 1928—1351 HOPKINS COURT, Berkeley. Erick King to whom it may concern..... May 28, 1928

May 29, 1928—S PARKER ST. bet. 5th and 6th Sts., Berkeley. Bunting Iron Works to Lawton and Vezey..... May 28, 1928

June 2, 1928—1547 HOPKINS COURT, Berkeley. Albin Leino to whom it may concern..... May 28, 1928

June 2, 1928—1717 MORELAND DR., Alameda. S. G. Rankin to whom it may concern..... May 28, 1928

June 2, 1928—1006 MOUND ST., Alameda. Julius J. Grodem to whom it may concern..... May 29, 1928

June 2, 1928—2110-12 GRANT ST., Berkeley. Catherine Brown to B. Reininghaus..... May 29, 1928

June 2, 1928—2820 MADERA AVE., Oakland. William A. Degen to whom it may concern..... May 31, 1928

June 2, 1928—843 CARMEL AVE., Albany. B. Reininghaus to B. Reininghaus..... June 1, 1928

June 2, 1928—LOT 18 BLK 28, Thousand Oaks Tract, Berkeley. H. E. and Florence A. Kassebaum to J. Harry Smith..... June 1, 1928

June 2, 1928—MARIN & MASON Aves., Albany. Humboldt Hospital Assoc. to K. Schroer..... June 1, 1928

June 2, 1928—1711 MORELAND DR., Alameda. W. W. Landgrebe to whom it may concern..... June 2, 1928

June 1, 1928—1027 STANNAGE AVE., Berkeley. Chas Marietti to whom it may concern..... May 26, 1928

June 1, 1928—LOT 352 BLK T, Fernside Tract, Alameda. Mathilda Carlson to Walter H. Anderson..... May 28, 1928

June 1, 1928—1029 E 18th ST., Oakland. Marion M. Becker to L. L. Wilson..... May 29, 1928

June 1, 1928—PTN LOT 4 BLK 3, Putnam Tract, Oakland. Mabel M. Houck to David F. Murphy..... May 31, 1928

May 31, 1928—LOT 14 BLK A, Sims Knoll, Alameda Co. Wm. H. Sims to whom it may concern..... May 31, 1928

June 1, 1928—LOT 11 BLK D, Fourth Ave Terrace, Oakland. Gladys H. McElhinney to Thebo-Starr & Anderton Inc..... June 1, 1928

June 4, 1928—SO LINE BAY ISLAND Ave 542 E Regent St., Oakland. Noble F. Justice to whom it may concern..... June 1, 1928

June 4, 1928—LOT 152 UNIT C, Oak Knoll, Oakland. A. C. Jones and L. H. Whitlow to whom it may concern..... June 2, 1928

June 4, 1928—LOT 27 BLK 12, Lakeshore Highlands, Oakland. George Houwers to Irwin H. Reimers..... June 2, 1928

June 4, 1928—761 PACIFIC AVE., Alameda. J. C. Talliaferro to L. C. O'Neill..... June 4, 1928

June 5, 1928—LOT 4 BLK 4, Brookdale Terrace, Oakland. Karl Trippel to whom it may concern..... May 31, 1928

June 4, 1928—LOTS 9 & 10 PTN LOTS 8 & 16 Blk B, Armes Tract, Oakland. Peralta Hospital Inc. (fmly. Hillcrest) to Ariss Knapp Co., Inc.; Geo. A. Schuster; Kenyon Elec. Co. (three completions)..... June 1, 1928

June 5, 1928—LOT 9 BLK 5, Iveywood Extension. Ben M. Fillmore and Herbert R. Smith..... June 2, 1928

June 5, 1928—PTN LOT 1 BLK M, Durant Manor, Oakland. R. H. Harker to whom it may concern..... June 2, 1928

June 5, 1928—LOT 35 BLK S, Lakeshore Highlands Tract, Oakland. (1018 Underhills Road). A. L. and Elizabeth A. Davis to Edward W. Larmer & Son..... June 4, 1928

June 5, 1928—LOT 17 and 18 BLK H, New Town of Lynn, Oakland. H. A. Norton to H. A. Norton..... June 4, 1928

June 5, 1928—LOT 16 PTN LOT 15, Iteed Tract (NW cor. 16th and Market Sts.) Oakland. H. G. Kennedy to The Globe Corporation..... June 5, 1928

June 5, 1928—681 SPRUCE ST., Berkeley. Ira H. Latour to whom it may concern..... June 5, 1928

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
June 1, 1928—LOT 14 BLK O, Oak Park Tract, Alameda. Robert Kay and Kay Co. vs G. W. Rosekrans.....	\$151
June 1, 1928—SE GROVE & VIRGINIA Sts Berkeley. Cobbleclick-Kibbe Glass Co. vs Albert and Eleanor B. Kessler and Harry E. Kane.....	\$532
May 29, 1928—LOT 12, Map of the property of the Capital Homestead Assn., Oakland. Herbert S. Butler vs Victor A. Dunn.....	\$440
June 4, 1928—LOT 12 Map of property of Capital Homestead Assn., Oakland. Chicago Lumber Co of Washington vs Victor A. Duns.....	\$498.08

RELEASE OF LIENS

Alameda County

Recorded	Amount
June 1, 1928—SW LINE FLEMING Ave. and NW line Seminary Ave., Oakland. J. R. Pierce Plumbing Co. to C. E. Fischel and A. L. Philbrick.....	\$319.50
June 5, 1928—LOTS 21, 22, 27 BLK 1, Electric Loop Tract, Oakland. Layrite Floors to W. A. Thayer.....	\$148
June 5, 1928—396 11th St., Oakland. E. L. Buttner to Mary E. Williamson.....	\$140.15
June 5, 1928—396 11th St., Oakland. E. L. Buttner to Mary E. Williamson.....	\$158.24

OAKLAND BUILDING SUMMARY (Month of May, 1928)

Following is a report of building activities in Oakland for the month of May 1928, as compiled by A. S. Holmes, city building inspector:

Classification of Bldgs	No. of Permits	Cost
1-story dwellings.....	65	\$ 226,300
1-story dwlg. & store.....	2	6,800
1-story 5-fam dwelling.....	1	5,500
2-story dwellings.....	12	100,000
2-story flats.....	1	4,000
2-story apartments.....	2	25,000
3-story apartments.....	1	95,000
3-story dwelling.....	1	22,275
1-story stores.....	2	4,000
1-story warehouse.....	1	1,000
1-story factory.....	3	20,000
1-story dyeing works.....	1	200
1-story church.....	1	10,000
1-story greenhouse.....	1	1,500
3-story church.....	1	150,000
1-story tile garage.....	4	15,111
1-story tile factory.....	1	4,000
1-story brick laundry.....	2	7,900
1-story brick market.....	1	150,000
1-story brick factory.....	1	10,000
1-story brick garage.....	2	12,600
1-story brick stores.....	1	36,830
6-story brick office bldg.....	1	75,000
1-story brick & tile addn.....	1	6,500
1-story brick & cons. Whse.....	1	25,000
1-story steel service sta.....	2	2,000
Steel tanks.....	1	4,500
Steel tower.....	1	350
1-story conc. boiler house.....	1	400
1-story conc. caddie house.....	1	4,000
1-story conc. garage.....	1	6,000
2-story conc. warehouse.....	1	48,000
3-story conc. apts. & stores Platform.....	2	3,300
Storage vault.....	1	2,000
Billboards.....	19	1,298
Electric signs.....	45	11,294
Roof sign.....	1	175
1-story garages & sheds.....	80	20,078
Additions.....	60	60,395
Alterations & repairs.....	93	49,609
Total.....	424	\$1,272,965

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

ALTERATIONS
A PARCEL OF LAND ON E side of Monterey Rd. known as the property of the Biscaglia Bros., San Jose All work for processing building alterations and addition to cannery building.
Owner—Biscaglia Bros. Canning Co., Premises.
Architect—Herman Krause, 243 N-Ninth St., San Jose.
Contractor—Henry Bolwin, 1041 Garland St., San Jose.
Filed May 24, '28. Dated May 22, '28.
On 1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,500
Bond, \$7150. Sureties, Otto Schnabel and Frank Filben. Limit, 130 days from March 28, 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE
N MORRIS AND POPLAR STS, San Jose. All work for two-story frame residence.
Owner—Roy M. Butcher, 68 S-Willard St., San Jose.
Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.
Contractor—Wm. M. Meyer, Santa Clara. Filed May 24, '28. Dated May 22, '28.
Joist in..... \$2570
Rough plastering finished..... \$2567
Ready of interior finish..... \$2567
On completion..... \$2567
Usual 35 days..... \$424
TOTAL COST, \$13,695
Bond, none. Limit, a reasonable allowance, 120 days. Forfeit, none. Plans and specifications filed.

ADDITIONS
NO. 539 AND 561 ALMA ST., Palo Alto. All work for addition and remodeling auto electric building.
Owner—H. E. Pratt, 539 Alma St., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed May 24, '28. Dated May 18, '28.
Payments to be made weekly upon presentation by the contractor upon the 1st day of each week of a statement showing all moneys actually expended by him during the previous week. The owner shall have the right to demand at any time receipted bills and signed payrolls covering such expenditures, and on the completion of the job signed payrolls and receipted bills for all expenditures shall be turned over by the contractor. The contractor hereby guarantees the total cost to the owner shall not exceed \$10,520 including his compensation which is hereby agreed to be the sum of \$779.
Should the actual cost as shown by the receipted bills and payrolls including the said contractor's compensation be in excess of the above contract price of \$10,520 such further cost shall be entirely paid by the contractor. Should the actual cost as shown by the receipted bills and payrolls, including the said contractor's compensation be less than \$10,520 said remaining balance shall belong to the owner.
TOTAL COST, not to exceed \$10,520
Bond, \$5500. Sureties, Joseph A. Jury and Wm. F. Gray. Limit, 75 working days from May 18, 1928. Forfeit, none. Plans and specifications filed.

BUNGALOW
LEFT OF MT. HAMILTON ROAD about ¼ mile from Alum Rock Road, near San Jose. All work for Spanish bungalow.
Owner—William Halla, 49 Hawthorne St., San Jose.
Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
Contractor—J. E. Perkins, 34 S-34th St., San Jose.
Filed May 17, '28. Dated May 16, '28.
Frame up..... \$5558.25
1st coat plaster on..... 5558.25
When completed..... 5558.25
Usual 35 days..... 5558.25
TOTAL COST, \$22,233.00
Bond, \$11,116.50. Sureties, A. L. Hub-

bard and Otto E. Schnabel. Limit, 140 days from May 16, 1928. Forfeit, none. Plans and specifications filed.

FACTORY
SW STOCKTON AND LENZEN AVES., San Jose. Cement floors; grading for one-story concrete and frame factory building.
Owner—The Mulrson Label & Carton Co., 251 Stockton Ave., San Jose.
Architect—Charles S. McKenzie, 90 S-16th St., San Jose.
Contractor—Joe Alva, 66 E-San Fernando St., San Jose.
Filed May 17, '28. Dated May 15, '28.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3285
Bond, \$1650. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—C. L. Snyder Co., 98 E-Santa Clara St., San Jose.
Filed May 17, '28. Dated April 26, '28.
Payments same as above.
TOTAL COST, \$3565
Bond, \$3565. Sureties, George C. Singletary and J. C. Thorp. Limit, 40 working days from April 26, 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE
VASONA HEIGHTS, Los Gatos. All work for residence.
Owner—L. T. Lenox, Campbell.
Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.
Contractor—G. M. Latta, 25 Rhodes St., San Jose.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$47,831
Bond, none. Limit, on or before Nov. 15, 1928. Forfeit, none. Plans and specifications filed.

GARAGE
W. PREVOST — N Auzerais St., San Jose. All work for garage.
Owner—Floyd T. Hanchett, Porter Rd., San Jose.
Architect—Creston H. Jensen, 60 Market St., San Francisco.
Contractor—Morrison Bros., Santa Clara Filed May 24, '28. Dated May 23, '28.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$26,900
Bond, \$13,452. Sureties, S. H. Chase and F. L. Pierce. Limit, not later than within 90 working days from May 23, 1928. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 19, 1928—BLDG on LOT 12 BLK 37 Seale Addn No 2, Palo Alto. Alfred Bernard to whom it may concern..... May 17, 1928
May 21, 1928—BLDG on LOT 27 BLK 4 Lincoln Gates, San Jose. A. W. Maderis, et al to whom it may concern..... May 14, 1928
May 22, 1928—BLDG on LOT 352 S 1st St., San Jose. Chas J. Vath to whom it may concern..... May 16, 1928
May 22, 1928—AUTO PARKING STN on Lot adj San Jose Medico-Dental NW corner Santa Clara and Sixth St., San Jose. San Jose Medico-Dental Bldg Co. to whom it may concern..... May 17, 1928
May 22, 1928—LOT 7 El Abra Ct., San Jose. Clyde Alexander, et al to whom it may concern..... May 21, 1928
May 22, 1928—S LINCOLN AVE 85 E Bay View Ave., San Jose. Lewis Larson to whom it may concern..... May 22, 1928
May 22, 1928—S SAN CARLOS formerly Stevens Creek Ld 73.34 ft W Boston Ave., San Jose. Costantino Maggi to whom it may concern..... May 21, 1928
May 22, 1928—LOTS 61 and 62 BLK 12 Palo Alto. Hare, Brewer and Clark Inc to whom it may concern..... May 17, 1928
May 22, 1928—E 40 LOT 11, Saveker Subd No 2. John P. Riordan et al to whom it may concern..... May 19, 1928
May 22, 1928—LOT 15 BLK 19 Evergreen Park, Palo Alto. Fred L. Kimbark et al to whom it may concern..... May 18, 1928
May 23, 1928—W 55 LOT 45 Garlienn Subd Mtn. View, San Jose. Walter

Rice et al to whom it may concern..... May 18, 1928
May 24, 1928—LOT 6 BLK 2 N R 6 W Gilroy. Wm Radtke to whom it may concern..... May 23, 1928
May 25, 1928—NE PARK Ave 220.01 ft NW Davis St., San Jose. William H. O'Neil et al to whom it may concern..... May 24, 1928
May 25, 1928—LOT 8 Altadena Tract, Saratoga. Edith L. Hillis to whom it may concern..... May 17, 1928
May 25, 1928—LOT 24 BLK 21 Lendrum Tract, San Jose. Howard B. and Mary Vern Frost to whom it may concern..... May 21, 1928
May 25, 1928—LOT 13 BLK 4 Seale Tract No 7, Palo Alto. Chester Delno et al to whom it may concern..... May 24, 1928
May 25, 1928—LOT 4 BLK 5 Mt. Hamilton View Park, San Jose. S. J. Tabor Norton to whom it may concern..... May 23, 1928
May 25, 1928—NE CALIFORNIA ST 50 E Bailey Ave Mt View, San Jose. Gerald C. Betts to whom it may concern..... May 25, 1928
May 26, 1928—PTN LOT 12 BLK 5 Glen Ridge Park, Los Gatos. A. H. Neuberger to whom it may concern..... May 19, 1928
May 26, 1928—LOT 5 BLK 48, J. S. Lakin Subd, Palo Alto. James A. Burke to whom it may concern..... May 21, 1928
June 1, 1928—SW COR LOT 14 E 85 ft. x N 50 ft. Lot 14 Bk 1 Larson Subd No 2 Sunnyvale, San Jose. Lewis Larson to whom it may concern..... May 30, 1928
June 1, 1928—LOT 58 Marguerite Tract No 2 of Cook & Branham Addn., San Jose. Louis Hiance et al to whom it may concern..... June 1, 1928
May 28, 1928—E IRIZ COURT 405.09 ft. S Minnesota Ace, San Jose. Anna D Cobb to whom it may concern..... May 10, 1928
May 28, 1928—SW 22nd ST 65 ft. San Antonio St., San Jose. A E Echeverria et al to whom it may concern..... May 22, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 21, 1928—19.57 ACRES being that Ptn Lot 47, Catherine Dunne Ranch No. 3, San Jose. H P Atkinson vs Philip De Casto..... \$300
May 21, 1928—LOTS 10 AND 11 BLK 1. Conkling & Col Subd., San Jose. A G Schutte vs Silvio Barretta..... \$63.58
May 24, 1928—NW SIXTH & SANTA Clara Sts., San Jose. Harry Eden vs San Jose Medico-Dental Bldg..... \$140
June 1, 1928—LOT 9 KELLOGG TCT., San Jose. The Minton Co vs Satero Guerrero et al..... \$49.38

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 28, 1928—LOT 7 THOS RUSSELL Partition. San Jose. Western Well Works, Inc., to Catherine A Rasmussen..... \$42.60
May 28, 1928—LOT 25 CATHERINE DUNNE Ranch No 8. H P Atkinson to Frank Mesa..... \$232.29

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
LOTS 33 & 34 BLK 20 SAN CARLOS, San Mateo; labor only on frame residence.
Owner—P. Valconesi, Myrtle St., San Carlos.
Architect—Paul J. Capumo.
Contractor—J. Dol Ban, et al.
Filed May 28, 1928. Dated Dec. 8, 1927.
Progress..... 75%
Completed..... 25%
TOTAL COST, \$36,000

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
May 24, 1928—LOT 3 of LOT 7 BLK O, San-Mateo Heights, San Mateo. Leo T. Damough to John Clifford.....

May 25, 1928—LOT 11 BLK A, Menlo Park Villa, San Mateo. Paul E. Elvefort to whom it may concern..... May 23, 1928
May 25, 1928—LOTS 7 and 8 BLK 20, Bell Air Park, San Mateo. Anthony Kasmak to whom it may concern..... May 22, 1928
May 25, 1928—LOT 33 BLK 2 BURLINGAME Grove, Lot 14 Blk 55 Easton. Charles G. Adams to whom it may concern (two completions)..... May 25, 1928
May 25, 1928—LOTS 17, 29, 48 and 30, BLK 7 Vista Grand, San Mateo. Paul B. Duerner to whom it may concern (four completions)..... May 24, 1928
May 26, 1928—LOTS 2 and 3 BLK 5 Burlingame Hills. William A. Newton to whom it may concern..... May 25, 1928
May 26, 1928—LOT 10 BLK 31, Alameda. Daniel J. Crawford to H. J. Hughes..... May 25, 1928
May 26, 1928—LOT 19 BLK 13 Milbrae Highlands, San Mateo. S. J. Olafson to whom it may concern..... May 25, 1928
May 26, 1928—PT AUG. SCHILLING Res. Portola Hall Hills, San Mateo. August Schilling to Harry W. Arnold..... May 17, 1928
May 26, 1928—LOT 11 BLK 14 Lyon & Hoag Sub. San Carlos. Henry F. Wrigley et al to whom it may concern..... May 26, 1928
May 26, 1928—LOT 15 BLK 31 Redwood Highlands, San Mateo. Thomas Nelson to whom it may concern..... May 24, 1928
May 28, 1928—LOT 9 BLK 12 San Carlos Lyon and Hoag Sub. E. H. James to San Carlos Const. Co..... May 28, 1928
May 28, 1928—LOT 4 GLAZENWOOD, San Mateo. Walter A. Nelson et al to F. M. Baker..... May 25, 1928
May 28, 1928—LOTS 18, 19, 20 PART-RIDGE SUB., San Mateo. George Harder to whom it may concern..... May 26, 1928
May 28, 1928—LOT 19 BLK 10 East San Mateo. Harry A. Randles to whom it may concern..... May 25, 1928
May 29, 1928—PT LOT 29 West End Homestead, San Mateo. Frank L. McAfee to whom it may concern..... May 28, 1928
May 29, 1928—LOT 2 BLK 4 BURLINGAME HILLS. Geo. W. Williams to whom it may concern..... May 17, 1928
May 29, 1928—LOT 6 BLK 10 Woodland Place, San Mateo. Floyd J. Baker to whom it may concern..... May 21, 1928

BUILDING PERMITS

SAN JOSE

TOWER and water tank, \$3850; 16th & St. John, San Jose; owner, Temple Laundry, 15th and St. John, San Jose; contractor, Western Pipe & Steel Co., 444 Market St., San Francisco.
INDUSTRIAL BLDG., \$40,000; San Fernando and W. P. R. R.; owner, Union Ice Co., Julian & Center, San Jose; architect, county engineers.
SIX-ROOM Residence, \$4600; 770 N San Pedro, San Jose; owner, E. Perry, 770 N San Pedro, San Jose; contractor, F. E. Gustafson, 726 S 9th, San Jose.
FIVE-ROOM Residence, \$3000; San Pedro, N Hobson, San Jose; owner, L. E. Washburn, 779 Willow.
SIX-ROOM Residence, \$3800; S 22nd N Santa Clara, San Jose; owner, M. Brokanovich, general delivery; contractor, Leo Schutte, 12 S 21st St San Jose.
BUNGALOW Court, 3-family, \$9000; St. John N 13th, San Jose; owner, Mrs. F. P. Bronson, NE Cor. 13th and Santa Clara, San Jose; contractor, Rollie Williams, 167 Harding, San Jose.

BUILDING PERMITS

RICHMOND

LAUNDRY, two-story frame, \$10,300; E 15th St., bet. Macdonald and Nevin Aves., Richmond; owner, Mishima Ito, Alameda; architect, Jas. T. Narett, 910 Macdonald Ave., Richmond; contractor, John Odling, 2517 Clinton St., Richmond.
COTTAGE and garage, frame and plaster \$4800; N Macdonald Ave., bet. 47th and Wilson Sts., Richmond; owner,

F. J. Patterson, 447 30th St., Richmond; contractor, David Dryden, 2333 Garvin St., Richmond.

COTTAGE and garage, \$3500; S S San Jose bet. Panhandle and Santa Clara, Richmond; owner, A. E. Corriea, 2744 Mathews St., Berkeley.

COTTAGE & garage, \$3500; W S Humboldt bet. Sierra and Jara, Richmond owner, S. Challinor, care 480 McLaughlin, Richmond; contractor, Warring & Pinin, 480 McLaughlin, Richmond.

COTTAGE & garage, \$3500; W S 38th bet. MacDonald and Nevin, Richmond owner, J. B. Corrie, care B. Schapiro Co., 1126 MacDonald, Richmond.

COTTAGE & garage, \$3500; W S 23rd bet. Garva and Gaynor, Richmond; owner, H. M. Stearns, 419 11th St.

COTTAGE & garage, \$3000; W S Santa Cruz bet. San Joaquin and San Mateo, Richmond; owner, C. R. Bosler, 4625 Market St., Oakland.

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
May 23, 1928—Location not given.	
Arthur W. Lyo to Alfred Peterson, et al.	Full

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

DWELLING
SAN RAFAEL. Concrete work, carpenter work, plastering, etc., for one-story and basement dwelling.
Owner—Mrs. E. Foster, San Rafael.
Architect—Thos. O'Connor, San Rafael.
Contractor—M. Lingel, Fairfax.
Filed May 25, '28. Dated May 24, '28.

Frame up	\$1262.50
Roof on	1262.50
When completed	1262.50
Usual 35 days	1262.50

TOTAL COST, \$5050.00

Bond, \$1262.50. Sureties, Fred Vonderheide and Fred Hohlweg. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ADDITION

NEAR FAIRFAX. Lumber work, mill work, plastering, etc., for bed room annex.

Owner—Meadow Club of Tamalpais, Fairfax.

Architect—John White, Lick Bldg., San Francisco.

Contractor—Robert Watson, 15 Yolanda Drive, San Anselmo.

Filed May 28, '28. Dated May 23, '28.

Frame up	\$4885
When plastered	4885
When completed	4885
Usual 35 days	4885

TOTAL COST, \$19,540

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STABLE

NEAR FAIRFAX. Lumber and mill work, etc., for stable.

Owner—Meadow Club of Tamalpais, Fairfax.

Architect—John White, Lick Bldg., San Francisco.

Contractor—Robert Watson, 15 Yolanda Drive, San Anselmo.

Filed May 28, '28. Dated May 23, '28.

Frame up	\$2020
When accepted	1010
Usual 35 days	1010

TOTAL COST, \$4040

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded	Accepted
May 22, 1928—TOWN OF ROSS. Fire Alarm System in Fire House). Town of Ross to R R McClure.	May 17, 1928
May 24, 1928—WOODACRE. Fred Clarke to whom it may concern.	May 24, 1928
May 25, 1928—SAUSALITO. Alfred Skare and wife to Andrew Andersen.	May 22, 1928
May 28, 1928—SAUSALITO. Edward Baraty to Melvin Klyce.	Oct. 10, 1927
May 28, 1928—SAN RAFAEL. Esther Fitzmorris to whom it may concern.	May 5, 1928
May 29, 1928—ROSS. Mrs. Lottie De Witt to Leach & Wallace.	May 21, 1928
June 1, 1928—SAN RAFAEL. Charles Deicke and wife to whom it may concern.	May 29, 1928

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

ELECTRIC sign, \$1200; No. 2 N-San Joaquin St., Stockton; owner, Stockton Savings & Loan Bank, Main and San Joaquin Sts., Stockton; contractor, C. J. Franke, 748 E-Weber St., Stockton.

RESIDENCE and garage, \$5000; No. 1415 W-Poplar St., Stockton; owner, Wm. Peenstra, 2216 Kensington Way, Stockton.

OFFICE building, 1-story, \$1500; No. 130 S-American St., Stockton; owner, Mrs. Carrie Davidson; contractor, L. S. Peletz, 619 E-Miner St. Stockton.

RESIDENCE, \$2000; No. 2343 E-Marsh St., Stockton; owner, T. Radovan.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
May 29, 1928—LOT 38 BLK 2. Homequest, Stockton. Edna H Choquette to Raymond A Choquette.	May 25, 1928
June 1, 1928—LOT 1 BLK 30, Victory Park Terrace. Grace M McFarland to William Peenstra.	May 2

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
May 29, 1928—PTN NE ¼ SEC 21 Township 1. S Range 7 East, Stockton. Hayward Lumber & Investment Co vs W Voykin.	\$123.14
May 31, 1928—SW 10 ACRES OF SW ¼ Section 6 T 2 S R 7 East, Stockton. Hayward Lumber & Investment Co vs J H Riddle.	\$105.74

BUILDING PERMITS

MARTINEZ

RESIDENCE, 5-room stucco, \$4000; Lot 4 Blk 102. Alhambra; owner, W. Larkin, 1481 Cavanaugh Rd., Oakland.

OFFICERS' building, \$—; Blk 329. Court St., Martinez; owner, W. R. Sharky; contractor, W. Snellgrove, 234 13th St., Richmond.

RELEASE OF LIENS

MONTEREY COUNTY

Recorded	Accepted
May 24, 1928—BLK H, Pacific Grove	

Retreat. H W Norman to Holman Dept Store	\$653.2
May 25, 1928—LOTS 2 AND 4 BLK 2, Wither's Addition, Herman's Survey, New Monterey. F O and Olympia C Henizer to The Work Lumber Co	\$398.7
May 25, 1928—LOTS 2 AND 4 BLK 2, Wither's Addition, Herman's Survey, New Monterey. F O and Olympia C Henizer to T A Work	\$441.5

COMPLETION NOTICES

MONTEREY COUNTY

Recorded	Accepted
May 28, 1928—LOT R BLK 4, Map of Salinas City. Edwin F Shearer to whom it may concern.	May 28, 1928
May 28, 1928—LOTS 2 AND 4 BLK 2, Map Spring & Abbotts Addition to Salinas City. Frank and Serafina Cava to whom it may concern.	May 26, 1928
May 29, 1928—PTN LOTS K AND L Blk 6, Sherwood & Hellman's Map of Salinas. Francisco Paylona Flomeno to M. Rosendale.	May 25, 1928
May 29, 1928—LOT 13 BLK 114, Map showing Carmelito Tract. Blk 114, City of Monterey. Anthony E Dusek to T S Drake.	May 26, 1928

COMPLETION NOTICES

SONOMA COUNTY

Recorded	Accepted
May 26, 1928—PTN SEC. 17 TWP 9 N Range 9 W. Julia A and Clara A Preston to Healdsburg Lumber Co.	May 16, 1928
May 26, 1928—LOT 14 BLK 4, Proctor Terrace, Santa Rosa. Isabelle T and Augustus L Lee to C L Donovan.	May 25, 1928
May 28, 1928—NO. 921 BEAVER ST., Santa Rosa. R Seton Mitchell to Robert Wiley Mitchell.	May 25, 1928

LIENS FILED

SONOMA COUNTY

Recorded	Amount
May 26, 1928—LOT 19, Sanborns Subd. of Daywalt Tract. Henry Hess Co vs B Best; W F Garloff and B Gilbert.	\$388.17
May 28, 1928—PTN BLK 6, Clark's Addition to Santa Rosa. E U White Lumber Co vs Ora and Percy M Walker.	\$318.31
June 1, 1928—LOTS 1-10-11-12-13 Blk A J Phipers Addn to Santa Rosa, and other property. Ames Harris Neville Co vs Frances Tyler Shaw, H K Weidenfeld and Paul Beygrau.	\$180

BUILDING PERMITS

BURLINGAME

ALTERATIONS, \$2000; 1412 Chopin Ave., Burlingame; owner, L. H. Oaks, premises.

BUNGALOW and garage, \$5000; Lot 12 Blk 1 Columbus Ave., Burlingame; owner, James Horne, 169 California Drive, Burlingame.

CLASS C Bldg., \$50,000; 1308 Estly ½ lot 5 Blk 11, Burlingame Ave.; owner, Jos. Stewart Class; architect, plans by owner; contractor, Littfield.

BUILDING CONTRACTS

SACRAMENTO COUNTY

RECORDED

MORTUARY PARLOR
N ½ OF S ½ LOTS 7 AND 8; N ½ Lots 7 and 8, T. U. 28th and 29th Sts., Sacramento. All work for mortuary parlor.
Owner—Harry A. and Clara C. Nauman St. and Harry A. and Elsa L. Nauman Jr., 1712 N St., Sacramento.
Architect—None.
Contractor—Campbell Constr. Co., 13th and N Sts., Sacramento.
Filed May 26, '28. Dated May 22, '28.
TOTAL COST, \$30,400

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and circulates pure warm air, keeping home at an even temperature, 50 percent saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

BUILDING PERMITS

SACRAMENTO COUNTY

RESIDENCE, 6-room and garage, \$3600; No. 2209 4th St., Sacramento; owner, Peter I. Bancroft, 1510 20th St., Sacramento; contractor, J. C. Peterson, California State Life Bldg., Sacramento.

RESIDENCE, 6-room and garage, \$4000; No. 3741 U St., Sacramento; owner, L. C. Pierce, 4310 U St., Sacramento; contractor, E. H. Polk, 2514 N St., Sacramento.

REBUILD garage, \$5200; No. 1011 15th St., Sacramento; owner, Geo. W. Murray, 1408 38th St., Sacramento; contractor, Ed Book, 2911 H St., Sacramento.

RESIDENCE, 4-room and garage, \$2700; No. 3930 T St., Sacramento; owner, B. H. Bell, 3254 Marshall Way, Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 1728 42nd St., Sacramento; owner, R. S. Morley, 2330 P St., Sacramento; contractor, Wm. F. Martin, 3717 Pacific Ave., Sacramento.

RESIDENCE, 6-room and garage, \$6500; No. 3520 Caster Way, Sacramento; owner, Klein Realty Co., 1009 8th St., Sacramento.

RESIDENCE, 4-room and garage, \$2500; No. 5348 Eighth Ave., Sacramento; owner, O. E. Dimmick, 3237 Donner Way, Sacramento.

RESIDENCES (2) - room and garages, \$3000 each; No. 1055-1063 57th St., Sacramento; owner, Henry Schmidt, 4007 H St., Sacramento.

RESIDENCE, 5-room and garage, \$4500; No. 4821 8th St., Sacramento; owner, N. H. Lund, 3300 Cutter Way, Sacramento.

RESIDENCE, 5-room and garage, \$4000; No. 3051 10th Ave., Sacramento; owner, Will C. Meir, 2740 Donner Way, Sacramento; contractor, Paul R. Opdyke, 3239 E St., Sacramento.

RESIDENCE, 6-room and garage, \$5500; No. 900 46th St., Sacramento; owner, E. Gilkey, 700 46th St., Sacramento.

RESIDENCE, 5-room and garage, \$2500; No. 4100 5th Ave., Sacramento; owner, E. H. and Mary Wade, 616 11th St., Sacramento; contractor, F. H. Brown, Rivera St., Sacramento.

RESIDENCE, 4-room and garage, \$2500; No. 5356 8th Ave., Sacramento; owner, O. E. Dimmick, 3237 Donner Way, Sacramento.

RESIDENCE, 6-room and garage, \$3000; No. 2231 10th Ave., Sacramento; owner, Peter Makiney, 3009 W St., Sacramento.

GENERAL repairs, \$1000; No. 1117 8th St., Sacramento; owner, Washbaum Estate; contractor, P. F. Reed, 11th and Y Sts., Sacramento.

GENERAL repairs, \$1000; No. 931 K St., Sacramento; owner, Nicolaus Bldg. Co.; contractor, Seller Bros.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded May 31, 1928—LOTS 71 to 73 incl. Monta Vista. J B and Rotha Pettijohn to whom it may concern..... May 31, 1928

May 31, 1928—E 38 ft 6-in LOT 6 l and J, 3rd and 4th, Sacramento. C H Crocker to whom it may concern..... May 31, 1928

Sacramento. B H Lotspeltch to whom it may concern..... May 31, 1928

June 1, 1928—LOT 8 and N 25 ft W 1/2 Lots K and L 11th and 12th Sts., Sacramento. Sacramento Medical-Dental Bldg. to whom it may concern..... May 31, 1928

June 1, 1928—W 1/2 of S 1/2 LOT 8 N and V, 24th and 25th Sts., Sacramento. C E Moran and wife to whom it may concern..... June 1, 1928

June 1, 1928—LOT 3 SCHULZE TCT. Arthur J Ozlas to whom it may concern..... June 1, 1928

June 1, 1928—S 100 ft. LOT 9 and S 100 ft of E 25 ft Lot 10 Blk 1, North Sacramento Sub 9. B R Burgess to whom it may concern..... May 22, 1928

June 2, 1928—S 64.2 FT. LOT 1187 W & K Tract No. 21, Sacramento. Lida Vaughn to whom it may concern..... April 24, 1928

June 2, 1928—LOT 23. Ridgewood. Joseph Pedone to whom it may cen-

cern..... June 1, 1928

May 26, 1928—N 1/2 OF S 1/2 LOT 1, V, W, 25th and 26th Sts., Sacramento Gus Thiery to whom it may concern..... May 25, 1928

May 26, 1928—LOT 5, Kloos & Ward Tract, Sacramento. Thomas Oscar Cox to whom it may concern..... May 26, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded June 1, 1928—LOT 182 City Farms No 4. Western Lumber Co vs B F and Birdie May Dailey Jr.....\$157.49

May 29, 1928—NO. 2200 V ST., known as N 1/2 Lot 1 V, W, 22nd and 23rd Sts., Sacramento. Sacramento Plumbing & Supply Co vs George H Bergh.....\$40.91

May 29, 1928—LOT 1003 Addition A to W & K Tract, Sacramento. Western Lumber Co vs W C Earp.....\$233.12

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

WAREHOUSE COMPANY'S DISTRIBUTING PLANT, Selma. All work for demolishing present warehouse and constructing new one.

Owner—Associated Oil Co., Mono and Van Ness Ave., Fresno.

Architect—None.

Contractor—P. Andy Nielsen, East St., Fresno.

Filed June 1, '28. Dated May 24, '28. 10 days after completion..... 75% Usual 35 days..... 25%

TOTAL COST, \$3185

Bond, \$4000. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit, none. Plans only filed.

BUILDING PERMITS

FRESNO

OFFICE building, \$35,000; No. 1759 Fulton St., Fresno; owner, P. H. Bottoms, 1146 P St., Fresno; contractor, Shields, Fisher & Lake.

DWELLING, \$5250; No. 555 Vasser St., Fresno; owner, Taylor & Wheeler, Brix Bldg., Fresno.

DWELLING, \$4250; No. 1622 College Ave., Fresno; owner, M. Manogian.

COMPLETION NOTICES

FRESNO COUNTY

Recorded May 31, 1928—LOT 7 BLK 1, St. Francis Wood, Fresno. Jos Meyers to whom it may concern..... May 29, 1928

May 31, 1928—LOTS 38 AND 39 BLK 3, Blackstone Avenue Terrace No. 3, Fresno. W T Drown to whom it may concern..... May 31, 1928

June 1, 1928—LOTS 21 AND 22 BLK 15, K. B. Heights, Fresno. Sallie D Alexander to whom it may concern..... May 31, 1928

June 2, 1928—LOTS 23 AND 26 BLK 97, Fresno. R J Woodward to W T Harris..... May 25, 1928

MEDUSA

White Portland Cement

(WATERPROOFED)

ONE of the real beauties about Medusa White Portland Cement is the fact that it is the perfect base for color stucco work. Colored aggregates or mineral oxides can be used. The Medusa White Stucco home in a properly-landscaped setting is a picture that grows more beautiful through the years—a lasting tribute to you, its builder.

THE SANDUSKY CEMENT COMPANY

ENGINEERS' BUILDING CLEVELAND, OHIO

Manufacturers of Medusa White Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa Gray Portland Cement (Plain and Waterproofed); and Medusa Cement Paint.

Secure MEDUSA From Your Building Material Dealer

GEO. L. BROWN
Pacific Coast
Representative



Builders' Exchange
Box 82

June 2, 1928—LOTS 19 AND 20 BLK 2, Echo Terrace, Fresno. W T Harris to whom it may concern.....June 2, 1928
 June 2, 1928—LOTS 28 AND 32 BLK 375, Fresno. Mattie Edwards to whom it may concern.....June 1, 1928
 May 28, 1928—LOT 5 N 1/2 LOT 6 Blk 8, Torrance Terrace, Fresno. W S Proctor to whom it may concern.....May 26, 1928
 May 29, 1928—LOTS 16 AND 17 BLK 1, Kleinhurst. D S Gratiot to whom it may concern.....May 26, 1928

LIENS FILED

FRESNO COUNTY

Recorded Amount
 June 1, 1928—LOTS 13 TO 16 BLK 101 Fresno. W E Hendrix vs Hairenik Assn, Inc.....\$200
 June 1, 1928—SE 1/4 OF SW 1/4 OF NE 1/4 of Sec. 24, 13-19, Fresno. C S Pierce Lumber Co vs C R Page and Bertha M Leininger.....\$71
 June 1, 1928—LOTS 25 AND 26 BLK 21, Arlington Heights Terrace, Fresno. Maisler Bros Lumber Co vs E D Daniel.....\$585

BUILDING PERMITS

PALO ALTO

STORE building, Class C, \$10,520; No. 539-61 Alma St., Palo Alto; owner, Henry E. Pratt, Premises; architect, Birge M. Clark, 310 University Ave., Palo Alto; contractor, W. P. Goodenough, 310 University Ave., Palo Alto.
 STATION, tire and service, Class C, \$8500; No. 291 Alma St., Palo Alto; owner, P. M. Lansdale, 505 Emerston St., Palo Alto; architect, Birge M. Clark, 310 University Ave., Palo Alto; contractor, W. P. Goodenough, 310 University Ave., Palo Alto.
 GARAGE apartment, \$3000; No. 870 Hamilton Ave., Palo Alto; owner, Chas. J. Griggs, 970 University Ave., Palo Alto; contractor, Wm. Short, 2121 Waverly St., Palo Alto.

ADDITION, guest room, \$2500; No. 870 Hamilton Ave., Palo Alto; owner, C. J. Griggs, 970 University Ave., Palo Alto; contractor, Wm. Short, 2121 Waverly St., Palo Alto.
 ADD TO residence, \$1200; No. 399 Lincoln

CALIFORNIA WATER-CHLORINATION SURVEY SHOWS STEADY GROWTH

(By C. G. Gillespie, Chief, Bureau of Sanitary Engineering, State Department of Health, Berkeley, Calif.)

Chlorination in California began in 1915 with installations at seven water-works plants having a total average water consumption of 41 m.g.d. A chlorination survey as of Jan. 1, 1928, showed 68 water-works with chlorination plants, supplying 107 communities. The 68 works have 110 chlorine installations, of which eight treat well water and the remainder surface water taken either directly from streams or else from reservoirs. All or nearly all of the water supplied by the 68 water-works to an aggregate of 3,185,000 consumers is chlorinated, the total volume treated being 470 m.g.d. The total number of works in the state is 662, supplying 4,340,000 people.

The increase in chlorination has been steady, but with more rapid advance in the last few years. Starting with seven works in 1915, the number of works adopting chlorination averaged 4.7 for the eleven years 1915-25, eight for the three years 1924-27, but in 1927 alone sixteen began chlorination. The volume of water coming under chlorination in 1915 was 41 m.g.d. The largest yearly additions were 125 m. g.d. in 1924 and 151 m.g.d. in 1927.

Scarcely any of the early installations were in the southern part of the state. Since 1924, the distribution was about the same, north and south, but in 1927 the southern part led.

Classified by populations which the 68 water-works supply, fourteen supply

from less than 500 to 1000, nineteen 100 to 5000, fourteen 5000 to 10,000, twelve 10,000 to 50,000, five 50,000 to 100,000 and four more than 1,000,000 each. By owner ship, 37 of the works are privately and 3 publicly owned.

Of the 68 works, 29 have a bacteria laboratory of their own, and of these thirteen make B. coli tests and sixteen stop with an agar count before and after chlorination. Frequency of sampling ranges from several time a day to once a week. For works not having a laboratory, bacterial control is through state or local laboratories and is infrequent.

LUMBER SALES GAIN OVER PRODUCTION

The output of the organized lumber industry as represented by reports from 858 mills, as against 839 for the week before, increased ten million feet during the week ended May 26. Shipments by the same mills increased 14,000,000 feet and orders 19,000,000 feet. The apparent increases in the various factors are accounted for mainly by the larger number of reporting mills on the softwood side of the industry, but the 428 hardwood mills, while having less output, increased shipments 4,000,000 feet and order 9,000,000 feet over the figures for 427 mills the week before. Statistical comparisons with last year are worthless because of the change in the number of reporting mills, but there is no doubt that new business is well ahead of last year, says the National Lumber Manufacturers Association in publishing the figures of production, shipments and orders. Taking the figures as they stand, the volume of new business would appear to be considerably ahead of last year for the first five months of 1928. Production of the industry as a whole is believed to be somewhat less. Total lumber shipments as reflected in car loadings are less than last year by about 5 per cent.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

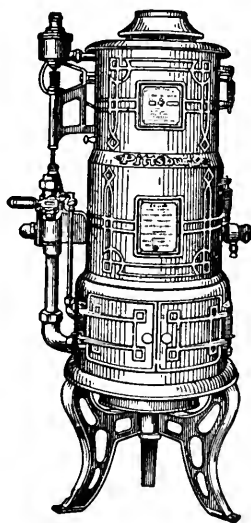
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

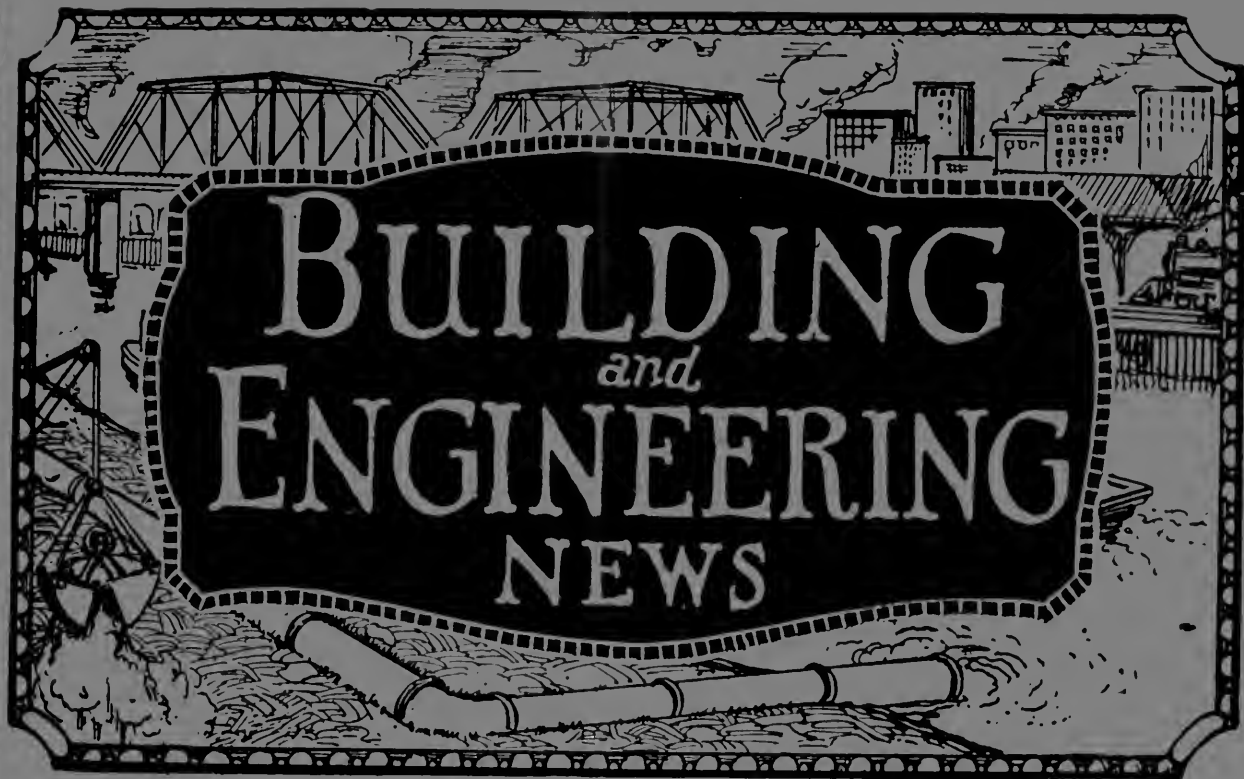
309 13th Street

OAKLAND

478 Sutter Street

SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
647 Mission Street

SAN FRANCISCO, CALIF., JUNE 16, 1928

Published Every Saturday
Twenty-eighth Year, No. 24

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

Applying time - proved methods of insula- tion to modern day needs

NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

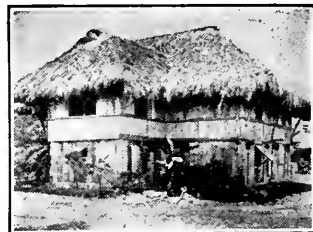
DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JUNE 16, 1928

Twenty-eighth Year, No. 24



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

MICHIGAN EMPLOYERS COOPERATE
TO ESTABLISH OWN CODES
AND STANDARDS

Several important developments have followed the adoption of a Standard Specification Outline by the Building Employers of Michigan in convention at Grand Rapids last February. The purpose of the outline, as related in a previous issue, is to group all labor and material items under specific heads in a manner that will standardize the writing of specifications, and leave no doubt in the minds of the various sub-tradesmen regarding the work that their contracts cover. Among the new developments is the enthusiastic support given the move by the Michigan Society of Architects and the general contractor and sub-contractor organizations in the state.

Immediately following the meeting in Grand Rapids, and due in a large measure to the fact that a number of tradesmen were unable to agree on definitions of their own trade terms that affected the writing and interpretation of specifications, these trades were urged to formulate their own codes and standards. According to Lancelot Sukert, president of the Michigan Society of Architects, this suggestion has resulted in the appointment of a large number of committees consisting of general contractors, architects, and representatives of the subtrades. The committees have gone to work with a will, and several have completed their work, while others will submit reports that will very shortly bring the move to a workable head.

One of the earliest reports to be submitted and adopted was that of the Michigan Sheet Metal and Roofing Contractors. It has been published in a 42 page booklet embodying complete specifications and standards of material and labor for all types of built-up roofing. Plasterers, steel welders, and all other trades are working on similar documents. The joint representative committee on lumber is preparing a report clarifying types, grades, sizes and uses.

FIVE-DAY WEEK WINS IN ST. LOUIS TRADES

With the adoption of the five-day week by the District Painters' Council and the Plumbers' Union, the city of St. Louis joins the list of cities that have practically all building trades working on the short week schedule. The bricklayers, stone masons and steamfitters are the only trades still working on the five and one-half day schedule, and these trades are seriously hampered in building operations because of the absence of other trades on the extra half day.

The Bricklayers' Union is strictly opposed to the five-day week, advancing the argument that inclement weather conditions affect their operations seriously and cut in on their working time to a very great degree. They claim, therefore, that cutting a half day from their present schedule would be directly injurious to their members.

The St. Louis stone masons recently attempted to establish the five-day week in their branch of the trade, and did not work on Saturday mornings for two weeks. The Bricklayers' International office, however, ordered them back to work, not being willing to have any branch of the trade on this short time schedule.

The St. Louis Building Laborers' district Council has not adopted any rule in regard to the five-day week, but these men will not be able to work with the trades absent from the jobs. It is the intention of the contractors of the city to employ building laborers as much as possible on Saturday mornings for the purpose of cleaning up on the various construction jobs.

Most of the general contractors and subcontractors in St. Louis are opposed to the five-day week. Some of them believe that the introduction of this schedule will mean still more employment of non-union men in the building industry. That this situation is becoming a serious one can be seen from the bombing troubles that have recently occurred in that city.

JAMES GUILFOY, VETERAN SHEET METAL MANUFACTURER, DEAD

James Guilfoy, founder of the Guilfoy Cornice Works of San Francisco, passed away last Sunday evening. Death was due to a paralytic stroke.

Mr. Guilfoy was engaged in the sheet metal business since 1867 and only recently retired from active business life. During the past year the business has been conducted by his two sons, Thos. J. and John A. Guilfoy. Mr. Guilfoy served as a messenger in the Civil War. He was an old time member of the San Francisco Builders' Exchange and during his business career took an active part in the activities of that organization.

STATE LEADS IN BUILDINGS DURING MONTH

Building permits issued during May in 102 cities on the Pacific Coast totaled 12,185 buildings, to cost \$35,482,934, according to the National Monthly Building Survey of S. W. Straus & Co. For California the permits totaled 7800 in number and \$23,629,447 in value, leading the list. Washington was next with 2027 permits totaling \$5,285,072, and Oregon third with 1080 permits valued at \$3,612,390. British Columbia placed fourth with 796 permits for a value of \$1,777,218.

THE BRICK INDUSTRY

The current issue of the Monthly Digest issued by the Common Brick Manufacturers' Association of America, says:

Our whole country seems to be experiencing an awakened consciousness of the fact that our older materials and methods are more often the better ones even though the newer ones clamor loudly for recognition. There are many who think that just because a thing is new it must be better. It is this erroneous belief which multiplies the serial numbers in our Patent Office, which dissipates much of our energies and our money and which oftentimes brings disappointment and even tragedy. We are beginning to realize that finding better substitutes for the staple things of life is a problem of no small magnitude, one perhaps impossible of accomplishment.

Wheat still makes as good bread as it did in Pharaoh's time. Wool clothing is just as good as ever. And so we find a growing recognition of the fact that nature's raw materials, the vast deposits of clay and shale, are easily and simply fabricated into our best ceramic products, from the most beautiful pottery to common building brick.

The technique of manufacture and use of brick and more lately the technology of brick masonry have been the subjects of profound study and laboratory investigation. Our knowledge is being reduced to a more precise basis. Some of the highest engineering bodies in our country are concerning themselves with codifying our information and preparing codes of good practice.

The reports of production and distribution listed below give evidence of this growing interest and use of an important natural building material—common brick. A healthy betterment over April conditions is easily apparent.

The smaller number of burned brick on hand and the greater number of orders on the books would indicate a more rapid turnover of stock and an increasing volume of business, and of potential business.

RED BUILDINGS FLOODLIGHTED PRODUCE UNUSUAL EFFECT

That buildings need not be white or of light color material to be floodlighted has just been demonstrated by engineers of the General Electric Company in the illumination of a group of red brick factory building comprising the Johnson & Johnson plant at New Brunswick, N. J.

As red is a very poor reflector of white light, more than 100 floodlights equipped with red lenses were used. The effect is unusual and spectacular, attracting wide attention from persons traveling on nearby highways and on the main line of the Pennsylvania railroad between New York and Washington, which passes near the plant.

When the matter of floodlighting this plant was first suggested by the General Electric Co. tests were made by W. D. A. Ryan in the illuminating engineering laboratory at Schenectady with projectors using various colored lenses. White floodlights showed up the mortar between bricks and other defects prominently, but when the red was substituted this is the first time that a group of red brick buildings has been floodlighted by the General Electric Co.

BUILDING ACTIVITIES REPRESENT NEW NORMAL LEVEL IN THIS COUNTRY

(By Virgil Jordan, Chief Economist of National Industrial Conference Board. Address before Credit Association of the Building Trades of New York.)

The general level of building activity that has prevailed during the past three years probably represents the new standard or normal level for the industry in this country, and there is no reason to expect any material recession from this level in the future.

The immediate outlook for building depends chiefly upon general business and credit conditions in the next few months, and in these respects there is nothing to worry about, even though money may be temporarily tighter and business a little hesitant during the summer. It is far more reasonable to expect that after the stock market has had some of its speculative enthusiasm knocked out of it, easier money and rising prices will stimulate speculation in commodity markets and lead to a rapid and general expansion of business which will carry building along with it to still higher levels next year.

In the building industry as in all other fields of business, it is high time that we throw overboard some of our traditional ideas of what is normal and proper and recognize that we live on a radically different plane of public demand and industrial accomplishment than before the war. There has never been a time in which there has been so much uncertainty and misgiving and so little fresh and sensible thought about business as now; and the reason why we are all at sea is we are trying to apply old formulas and old prejudices to conditions that are new and rapidly changing.

Economists and statisticians like to fit all the ups and downs of business into regular cycles and to make its development conform over long periods to a smooth curve of growth. These formulas may be true enough as a historical record of our brief past, but there is no reason to suppose that we are chained to them for the future. Business is no mere machine following purely mechanical laws; it is determined fundamentally by changes in human psychology, but these the statistician has no means of taking into account. We must seek the origin and determinants of all major economic movements in the psychology of the public rather than in any mechanical laws of economic behavior.

This is particularly true in its application to the building industry. During the past five years statisticians have been wrangling about the length of time before the wartime "shortage" in building will be made up and the probable return to some "normal" of building activity. Invariably these calculations have been upset by the facts, because the future growth of any fundamental type of consumption demand, such as building, cannot be measured by any purely statistical means.

At the end of 1924, for instance, when the so-called building boom was just about to begin, we had the following expert estimates of the amount of the so-called business shortage: The United States Bureau of Labor statistics asserted that at the end of 1924 construction not only had made up for the war shortage, but was actually about four-tenths ahead of current needs; the National Bank of Commerce estimated that the building shortage of over \$3,000,000,000 still remained at the end of 1924; at the beginning of 1924 Prof. King maintained that most of the estimates of building shortage had been exaggerated and that there was no conclusive evidence that anything in the nature of an unsatisfied demand for building existed at that time; at the

end of 1924, however, both Prof. King and Col. Leonard P. Ayres estimated the building shortage at over \$7,000,000,000, while Dr. Clark estimated the accumulated shortage at over \$11,000,000,000.

When you consider that in the three following years over \$25,000,000,000 of building was done in the United States it becomes clear that, as Dr. Clark then pointed out, the question of shortage was meaningless as a basis for estimating the future demand for building. We were not during those years, nor are we at the present time, engaged merely in making up a wartime shortage in building. The deficit in building during the war has very little if anything to do with the level of building activity in the past few years or at the present time. The level of building, like that of industrial and trade activity, is not determined by what happened in the past, but by the way we feel and the things we want now and in the future. The demand for building depends not merely on the growth of population nor even upon the size of the existing population, but upon the current ideas, habits and customs of the public in respect to building accommodations and services and upon their general purchasing power or effective demand for such services.

It is far more accurate, therefore, to say that the level of building activity today depends upon general business conditions and rational prosperity than to say, as we used to, that business activity and prosperity depend upon the amount of building that is done. Vast as the building industry is, our business activity has grown more rapidly in extent and variety so that business is relatively less affected by building construction than the building industry is by business, and the relation between the tail and the dog has become more normal. Building is affected now no longer by minimum needs, but by the operation of powerful economic and social forces which grow out of the general business situation and its effect upon standards of living. Building activity consequently has become an index of the improved standard of living of the American public. Instead of talking about building shortages as a result of the war or about the building "boom" during the past three years we should rather consider that throughout the entire past the United States has been underbuilt from the point of view of current standards of living. The greater part of this country has been living and working and still is in a frontier or pioneer fashion.

From a construction point of view most of the United States still looks like the devil and is 50 years behind the times, even as compared with most of the impoverished countries of Europe. We may, therefore, expect to be occupied with the enormous task of reconstructing and improving our national building equipment for years to come; and by the time we have caught up generally with even the current standards, these in turn will have shifted to a still higher level.

Cautious and conservative people will ask where the money for all this is coming from, whether continued expansion in building will not invite speculative excesses and raise building costs to prohibitive levels. There may be some reason for feeling that building in some of the larger cities has run ahead of existing standards and effective demand, but I doubt whether this is true even in New York, where large portions of the population still live under conditions that are

inexcusable from either an economic or social point of view.

So far as the question of disposal capital for building purposes goes, there is no ground for fearing any stringency in the long run. The constant flow of capital abroad and the outburst of speculation in the security markets all testify to the fact that even now the United States is saving a larger part of its national income than it should and is investing it in ways far more questionable than even the most speculative forms of building investment can be considered to be. The intensity of competition and improvements in industrial methods are putting limits upon domestic investments in the expansion of industrial plant and equipment. Changes in our financial system and banking conditions at home and abroad are releasing increasing credit resources which can be drawn upon for building purposes. If they are not used for such purposes they will be used for other types of speculation and investment far less sound from an economic or social point of view.

Nor does the possibility of speculative excesses in building construction justify an exaggerated fears or restraints. Business men and most other people like to speculate. If they cannot do it in building and real estate, they will do it in securities or in commodities; and it is far better in the long run to speculate in such tangible social assets as homes and land than in perishable and imaginary assets like commodities and foreign securities. Likewise, though at any particular time prices and costs in the building field are very important to individuals, in the long run they do not matter very much. Prices merely express the relationship between things and services and in the long run they adjust themselves to the real demand and to the improvements in productive methods, which are going on at all times.

These considerations, however, do not in the least diminish the constant need for the building industry, like every other industry, to exercise to the full its intelligence, initiative and self-control from year to year. The industry will have its ups and downs, its losses and its gains. Waste, extravagance and downright dishonesty or graft can be curbed only by constant watchfulness and effective organization within the industry itself. The building industry as a whole, it must be admitted, is still far behind other industries in respect to its internal organization, particularly of labor relationships, and in improvements in the efficiency of its methods.

Much can be done by such organization and by careful planning to diminish the excessive fluctuations in building activities, and to co-ordinate it more closely with business conditions. The Federal, state and local governments, which are today together the largest single buyer of building construction, can materially assist in this process, and are doing so to a much larger extent year by year. But we must not get the idea that stability is in itself a desirable thing for which everything else should be sacrificed. Prosperity in the building industry, like that in all other aspects of our business life, depends upon constant growth, and growth means constant change. In this country there is still far too great a tendency to think of the present situation in business as something fixed or normal, and to make every effort to keep things where they are; but this means a sacrifice of progress.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Nation-wide competition by architects to obtain a plan for a \$2,000,000 municipal auditorium has been decided upon by the Long Beach City Council. A prize fund of \$10,000 will be provided.

Harry C. Gardner, assistant secretary of the Monolith Portland Midwest Company, after an inspection of the new cement plant at Laramie, Wyo., reports that production will soon be inaugurated.

Geo. R. Drever & Co., Marion Bldg., Seattle, Wash., exporters and manufacturers' agents have connections with a firm in the Orient that desires to purchase 1000 tons or more of scrap steel (Japan specifications). They wish to hear from San Francisco shippers who would be interested.

Standard Steel Corp., capitalized for \$100,000, has filed articles of incorporation in Oakland. Directors are: G. M. Rudebeck and G. Duke of Oakland and G. H. Noble, E. T. Waldner and J. Colenberg of Alameda.

Seattle reports orders at the lumber mills picking up and some business placed at an advance of \$2 per thousand and over old prices. Shipments to the Atlantic coast are heavy. Portland reports curtailment of production has created a better feeling in the fir industry.

California White & Sugar Pine Assn. has protested the action of the central committee of lumber standards in dropping from the nomenclature the name "California white pine" and substituting therefore "Pondosa pine."

A new retail lumber list issued by the Lumbermen's Association of Los Angeles reflects an advance of \$2 to \$5 per thousand feet in the wholesale prices of Douglas fir. The advance is due to curtailment of production at the fir mills in the north. Local lumbermen are looking for further advances.

Strength of the trade situation at the West Coast mills is indicated by the reports to the National Lumber Mfrs. Assn. for 20 weeks of the current year. These show new business nearly a billion feet ahead of the same period last year and production more than 200,000,000 ft. behind orders. The cut for 20 weeks totaled 2,319,590,000 ft., shipments 2,332,910,000 ft. and orders 2,548,760,000 ft. California redwood mills report a cut of 160,880,000 ft. for 20 weeks against orders for 153,389,000 ft. Shipments were 148,752,000 ft. Production was about 23,500,000 ft. ahead of the same period last year and orders were about 34,400,000 ft. behind the first 20 weeks of last year.

With the idea of bringing about closer harmony of all the elements that go to make up the building construction industry of Indianapolis, about 200 representatives of these interests met at the Chamber of Commerce and took the necessary steps to form a building congress modeled on the lines of similar organizations in Boston and New York City. The organization meeting was aided by a number of architects experienced in the activities of the building congresses of their own cities. A constitution was adopted and the men elected to guide the destinies of the organization for the first year.

The five-day week and stimulation of building all over the nation were advocated for America's periodical unemployment by Frank J. McDonald, San Francisco labor leader and president of the California State Building Trades Council, at a meeting in the Stockton Labor Temple, June 8. The meeting was held under the auspices of the Stockton Building Trades Council. From coast to coast there are "millions of shacks that should be torn down and replaced with substantial buildings," McDonald declared. He also urged the construction of more roads and bridges in addition to extensive repairs to both.

Societe Francaise de L'Everite, 11-15 Ave. du Pres. Wilson, Plaine St. Denis (Seine), France, manufacturers of asbestos cement, shingles and corrugated asbestos cement roofing sheets, is anxious to appoint a San Francisco representative for the sale of such products in this district.

Architects, builders and architectural students, together with all those interested in constructional development, with particular reference to brickwork, are finding much of interest in the exhibit of medieval and modern brick architecture in Germany, which opened at the Toronto Art Gallery on May 24. It is probably the most complete presentation of architecture in any one material that has ever been held in Canada.

The vote in favor of the proposed \$29.-400,000 school bond issue in the Los Angeles city school district fell over 6000 short of the necessary two-thirds majority and the board of education is confronted with the necessity of resubmitting the bonds of the November election or levying a tax to raise the funds required to erect needed school buildings. It is expected the policy to be pursued by the board will be decided at once. Following is the vote on the bonds at the special election June 5: Elementary school bond issue (\$12,440,000)—Yes, 80,539; No, 49,169. High school bond issue (\$16,960,000)—Yes, 80,764; No, 50,043.

C. H. Purcell, California State Highway Engineer, has issued a warning to contractors that certified checks submitted with proposals on state highway contracts must cover the full 10 per cent of amount of bid as required by specifications. Mr. Purcell points out that recently several bidders submitted checks insufficient of 10 per cent of the total bid, two of whom would have been low and no doubt would have been awarded the contracts.

Hayes Equipment Manufacturing Co., Wichita, Kansas, (attention Mr. E. P. Hayes, general manager), manufacturers and distributors of visible gasoline pumps, air compressors and filling station equipment of all kinds, is anxious to get in touch with a San Francisco firm that would handle their products as factory distributors.

Unfilled tonnage of the U. S. Steel Corporation decreased 455,311 tons in May, according to the monthly report just issued. Forward tonnage on May 31 aggregated 3,416,822 tons against 3,872,133 on April 30. On March 31 of this year tonnage was 4,335,206 and on May 31 of last year the aggregate of advance business was 3,050,941 tons.

Societe Co-operative pour le Commerce Extérieur, 6 Grand Place, Brussels, Belgium, specializing in the export of building materials, wall and floor tiling, natural and artificial slates, ferrous metals, glassware, crockery, marble and kindred articles, are interested in selling to foreign markets and are open to quote c.i. f. prices to any desired destination.

The U. S. Circuit court of appeals in New York City has affirmed the ruling of the Federal Trade Commission that Philippine mahogany cannot be described, advertised or sold as "mahogany." In a dissenting opinion Judge Swan said he did not consider interference with commercial use of the name, Philippine mahogany as justifiable but held that in view of the commission's findings the court was powerless.

California building and loan associations stand third among those of the United States in the rate of increase in number of people served by these institutions, first in percentage growth of resources among the leading states and eighth in total resources, according to Edwin M. Einstein, Fresno, president of the California Building-Loan League. Statistics compiled by H. F. Cellarius, secretary of the national body, shows 220 California building and loan associations are serving about 400,000 either as borrowers, shareholders or investors. These institutions have total resources of approximately \$325,000,000. Ohio ranks first in the number of people served while Pennsylvania leads in total resources. Both states have assets exceeding a billion dollars.

California's 10-year building program, now being drafted by the administration, will not include allowances for new hospitals for the insane, as relief from present overcrowded conditions, Alexander R. Heron, director of finance, announces. The situation will be remedied, he said, by expansion of institution already established, with the exception of those at Patton, Stockton and Napa, which will be improved, but not enlarged.

The waste in cross-hauling steel products was emphasized by Charles M. Schwab at the 33rd meeting of the American Iron & Steel Institute in New York on May 25. Mr. Schwab pointed to the low return on the five billions invested in the steel industry and proposed elimination of distribution waste as an alternative to further reduction of production costs or price raising. He recommended the appointment of a committee "to study this problem with a view frankly to recommend to the public and to the proper public authorities a constructive plan which may result in such modification of existing law as will enable the factors in the steel industry, and indeed possibly in other industries, to achieve those economies which are so important."

The Federal Trade Commission has authorized the holding of a trade practice conference with the glass distributors' industry. Among unfair practices suggested by the industry for discussion are price discrimination, breach of contract, misbranding, and secret rebates. Commissioner Abram F. Myers was named to preside at the conference but no time or place was set for this meeting.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1702-S SALES ENGINEER, preferably electrical graduate about 3-5 years out for sales work in the Orient. Must be single, well built and have pleasing personality. Salary about \$250 gold and travelling expenses. Apply by wire or in person before June 13th. Headquarters, San Francisco.

K-66-X-4918-C-S WOODWORKING ENGINEER, graduate with several years' experience in manufacture of furniture thoroughly familiar with designing plant layout and woodworking machinery. Should have general knowledge of manufacturing costs. Apply by letter, giving age, and details of education and experience. Location, Middlewest.

K-69-X-5090-S SALES ENGINEER, to promote the sale of a special valve in Latin America. Must be mature, speak Spanish well, have a fair knowledge of chemistry and be able to hit the ball when on his own initiative. Salary about \$300 month and expenses to start. Permanent opportunity. Headquarters, San Francisco.

R-1706-S SALES ENGINEER, college Graduate, young, with sales personality and local acquaintances. Will have to begin detailing and estimating reinforcing steel. Salary open. Headquarters, San Francisco.

R-1654-S SALESMAN, preferably with some training or experience in combustion of fuels to sell standard lines of oil burner equipment to owners and architects. Commission only. Location, San Mateo County.

ELECTRICAL TRADE IN CALIFORNIA REPORTED GOOD

"Electrical World," New York, reports the following prevailing conditions for the first part of this week in the electrical industry: Active buying in the eastern district, with an increase of inquiries in New England, reasonably satisfactory conditions in the Middle West, including the territory served largely from St. Louis, where the refrigerator demand is especially good, as it is also in the Southeast, and a big program of construction in California, with somewhat less cheerful reports from the Puget Sound region—this about summarizes market conditions as reported for the first part of the current week.

BERKELEY PLUMBERS' LICENSE LAW TO UNDERGO TEST

R. B. Darby, 1836 Francisco St., Berkeley, entered a plea of not guilty before Police Judge Oliver Youngs Jr., when arranged on a charge of violating the Berkeley city ordinance requiring all plumbers to post a \$500 bond and obtain a plumber's license. The charge was filed by Sanitary Inspector George Grimshaw following the inspection of a building in which Darby is alleged to have installed plumbing without first posting the bond and obtaining a license. The trial will be held on June 20 before a jury. A special venire of 35 was ordered called by Judge Youngs.

REINCORPORATION

The American Road Builders' Association has been recently reincorporated under the laws of the District of Columbia. Before the removal of the Association headquarters to Washington the charter was under the jurisdiction of the State of New York.

FURTHER REDUCTION SHOWN IN PACIFIC COAST BUILDING IN MAY

Building activity in the Pacific Coast cities shows a further reduction for the immediate future, as projected by building permits issued during May in 102 cities of this area. The aggregate May total, 12,185 permits for buildings to cost \$35,482,934, is 2% below the comparable figure for April and is 22% below that of last May, as shown by the June first number of the National Monthly Building Survey of S. W. Straus & Co.

Every month this year, except February, has shown a reduction from comparable totals of 1927, amounting to 14% in January, 11% in March and 22% in April. February registered a 5% increase over February of last year.

All of the major cities report reductions from the May totals of last year and all report May totals lower than the April totals of this year except Portland, San Diego and Los Angeles. Of the 102 cities comprised in the Straus survey, 47 show increases over the April figures and 50 report gains over last May.

Los Angeles, issuing 2,954 permits for buildings to cost \$8,941,735, during May shows a 2% increase over the April figure, but a 22% reduction from the May total of 1927.

Portland issued 875 May permits for \$2,940,940 in new construction. This is 85% above the April total but 37% below that of May of last year.

San Francisco's May total of 661 permits aggregating \$2,635,116 in building costs, is 28% below the April total and 47% below that of last May.

Seattle, reporting 939 permits issued during May totalling \$2,595,630 in building costs, shows reductions of 25% from April's total and 2% from that of last May.

Oakland's May total of 424 permits for \$1,272,965 in new buildings, is 14% below the April total and 28% below that of last May.

Salt Lake, issuing 96 permits for \$260,863 in new buildings, shows reductions of 21% from April's total and 42% from that of last May.

Stockton's May total, 78 permits for \$207,751 in new buildings, is 20% below that of April but is 44% above the May figure of 1927.

San Jose reports a 77% increase over last May but a 37% reduction from April, with a May total of 72 permits issued for \$209,300 in construction costs.

Sacramento, issuing 177 permits for \$297,318 of new construction, shows a 47% reduction from April's total and an 85% reduction from that of May, 1927.

Following are the official May, 1928, construction cost figures as reported to us by building department executives from 102 cities comprised in the Pacific Coast Section:

CALIFORNIA

May, 1928

City	No.	Cost	May, 1927	April, 1928
Alameda	64	\$ 168,355	\$ 101,540	\$ 97,315
Alhambra	61	118,900	147,470	184,254
Anaheim	10	14,290	15,615	70,970
Bakersfield	67	83,577	155,165	157,055
Berkeley	182	459,251	669,188	592,714
Beverly Hills	81	453,575	716,550	358,000
Burbank	41	96,625	222,834	132,955
Burlingame	25	152,030	146,465	93,950
Colton	15	20,050	10,400	3,209
Compton	43	105,515	79,725	88,809
Coronado	17	18,475	9,330	41,320
Culver City	38	85,050	54,557	32,325
Emeryville	5	27,650	34,000	20,000
Eureka	50	41,125	32,990	58,066
Fresno	81	126,710	178,508	401,947
Fullerton	19	30,090	52,287	56,350
Glendale	116	730,565	580,405	781,035
*Hollywood	196	1,488,723	1,758,384	1,889,551
Huntington Park	37	268,250	122,460	218,086
Inglewood	27	68,050	110,150	100,550
Long Beach	415	1,064,835	1,541,200	1,430,345
Los Angeles	2,954	8,941,735	11,563,302	8,711,735
Lynwood	37	71,650	62,175	60,350
Modesto	36	98,639	56,735	140,084
Monrovia	17	97,950	44,910	28,300
Montebello	12	26,900	32,525	77,825
National City	15	14,110	11,455	15,580
Oakland	424	1,272,965	1,768,183	1,480,414
Ontario	30	119,635	57,831	80,840
Orange	7	15,600	10,800	64,850
Palo Alto	33	91,449	141,740	112,120
Palos Verdes Estates	5	47,000	33,000	46,450
Pasadena	199	421,650	1,040,264	669,883
Piedmont	20	120,249	138,054	161,393
Pomona	53	118,710	155,230	138,703
Redlands	29	470,925	52,890	41,190
Redondo Beach	9	9,500	74,220	
Redwood City	35	77,633	48,525	87,700
Richmond	59	86,600	136,735	147,785
Riverside	40	154,695	286,760	155,985
Sacramento	177	397,318	2,686,388	758,470
Salinas	48	182,675	128,795	79,605
San Bernardino	79	133,925	143,746	266,518
San Diego	507	1,691,704	1,262,055	915,096
San Francisco	661	2,635,116	4,979,732	3,701,000
San Gabriel	23	79,550	48,960	20,500
San Jose	72	209,300	117,875	332,285
San Leandro	13	43,995	62,900	29,185
San Marino	19	187,053	259,456	225,415
San Mateo	30	117,400	110,775	101,525
San Rafael	18	45,000	32,495	34,503
Santa Ana	51	105,115	128,890	174,616
Santa Barbara	78	387,583	188,834	178,767
Santa Cruz	27	117,130	77,815	68,655
Santa Monica	110	228,850	182,590	297,020
South Gate	117	270,335	123,440	187,041
South Pasadena	50	125,655	48,985	105,850
Stockton	78	207,751	143,835	261,500

Torrance	15	27,400	210,420	42,084
Ventura	36	153,150	78,225	133,843
Vernon	60	369,141	271,154	70,855
Whittier	20	103,638	38,025	64,217
Total	7,800	\$23,629,447	\$32,022,624	\$25,199,599
ARIZONA				
Phoenix	102	\$ 253,701	\$ 466,329	\$ 247,205
Tucson	72	101,121	204,348	204,451
Total	174	\$ 354,822	\$ 670,677	\$ 451,956
IDAHO				
Boise	70	\$ 68,785	\$ 110,900	\$ 70,600
Idaho Falls	9	13,950	25,900	16,786
Lewiston	24	41,240	80,640	61,925
Nampa	29	20,925	55,175	15,585
Total	142	\$ 144,900	\$ 272,615	\$ 164,293
NEVADA				
Reno	25	\$ 89,450	\$ 90,400	\$ 146,500
OREGON				
Astoria	9	\$ 5,705	4,536	3,470
Eugene	39	121,150	182,832	102,200
Klamath Falls	44	173,935	77,705	72,945
LaGrande	20	43,585	51,910	65,265
Marshfield	7	5,626	13,975	4,111
Medford	37	70,465	38,745	57,150
Portland	875	2,940,940	4,706,123	1,589,495
Salem	49	250,985	245,825	260,518
Total	1,080	\$ 3,612,390	\$ 5,321,653	\$ 2,155,218
UTAH				
Logan	6	\$ 65,000	\$ 77,200	\$ 27,000
Ogden	52	140,950	80,000	329,559
Provo	7	22,812	23,500	44,200
Salt Lake City	96	260,863	457,525	333,515
Total	141	\$ 489,625	\$ 638,225	\$ 734,265
WASHINGTON				
Aberdeen	33	\$ 36,269	\$ 138,454	\$ 98,450
Anacortes	22	24,010	11,115	8,459
Bellingham	79	125,060	431,445	98,994
Everett	155	65,755	44,720	61,625
Hoquiam	36	16,180	10,710	16,622
Longview	15	46,350	19,735	26,790
Olympia	24	21,245	17,145	51,665
Port Angeles	13	6,935	24,775	52,050
Seattle	939	2,595,630	2,659,555	3,478,023
Spokane	246	1,013,969	221,151	379,837
Tacoma	244	777,790	420,611	320,060
Vancouver	44	164,189	82,524	81,910
Walla Walla	42	56,980	47,155	253,760
Wenatchee	29	146,790	125,100	106,150
Yakima	56	287,740	63,850	67,855
Total	2,027	\$ 5,385,072	\$ 4,318,044	\$ 5,102,253
BRITISH COLUMBIA				
Vancouver	326	\$ 909,944	\$ 992,990	\$ 1,118,187
Point Grey	136	414,150	592,300	481,220
Burnaby	96	123,190	113,196	73,625
North Vancouver Dist.	30	26,525	48,775	30,880
North Vancouver	17	23,565	49,210	485,740
South Vancouver	101	153,650	99,400	115,709
*West Vancouver	18	37,506	87,900	29,345
*New Westminster	46	30,329	134,250	123,806
Victoria	90	121,194	463,582	184,655
Total	796	\$ 1,777,218	\$ 2,359,452	\$ 2,490,107
Grand total 102 Cities	12,185	\$35,482,934	\$45,693,691	\$36,444,194

*Hollywood figures included in Los Angeles totals.

**Figures received too late to be included in tabulations.

CONSIDERABLE REDUCTION IN EARTHQUAKE INSURANCE RATES

Effective May 10, 1928, a considerable reduction in earthquake insurance rates, together with a new classification of buildings and structures, has been published by the Board of Fire Underwriters of the Pacific.

The basic rate in Zone 1, which territory includes Los Angeles, San Francisco, Santa Barbara and coast territory, compared with the old rates in effect for the past few years, are shown as follows:

Class No.	New Rate	Old Rate
1	20c	25c
2	30c	50c
3	40c	1.50
4	50c	80c
5	50c	60c
6	70c	1.50
7	1.50	2.75
8	3.50	2.50

The above comparison of rates has been compiled and furnished by J. E. Shield, engineer, Board of Fire Underwriters of the Pacific, Los Angeles, Calif., and is based on the classification of buildings outlined below. Mr. Shield further states that "rates in the inland territory, such as San Joaquin and Sacramento Counties have a 25% reduction in the above rates (those effective May 10). Buildings in Imperial Valley take an increase of 50% over the above rates, and buildings in

the counties of Riverside and San Bernardino have rates 25% in excess of the above rates."

The new classification of buildings on which the above new rates are based is as follows:

Class I. Frame dwellings and other frame buildings, excluding all buildings with masonry veneer (not stucco), located on firm natural ground, and not exceeding three stories in height. Ground floor area not to exceed 3000 sq. ft.

Class II. Buildings located on firm natural ground, with structural steel frame, with monolithic reinforced concrete walls and floors, with all loads carried by the frame. Excluding buildings with metal lumber, strip steel joist, or trussed steel joist floors. Ratio of least width to height above ground not to exceed one to four. Excluding all buildings containing auditoriums, swimming pools (above the first floor) and similar assembly rooms, such as churches, theaters, public halls; also buildings in which the wall in any side or story consists of the frame only.

Steel and reinforced concrete tanks on firm natural ground (tanks on saddles excluded) in which ratio of diameter or width to height is not over one to two.

Outdoor electric sub-stations.

Class III. Buildings located on firm natural ground, of monolithic reinforced concrete construction, wherein the loads are carried by reinforced concrete columns, with reinforced concrete walls, all tied together by reinforced concrete floors. Excluding buildings with metal lumber, strip steel joist or trussed steel joist floors. Ratio of least width to height above ground not to exceed one to three. Excluding the following: Buildings of typical floor plan other than triangular, square or rectangular; also buildings containing auditoriums, swimming pools (above the first floor) and similar assembly rooms, such as churches, theaters, public halls; also buildings in which the wall of any side or story consists of the frame only, or where any exterior wall is broken by openings for light wells for more than 33 1-3% of the height of the wall above ground.

Class IV. Frame buildings on firm natural ground, not qualifying under Class I, and excluding all buildings with masonry veneer (not stucco).

Class V. Buildings located on firm natural ground, with structural steel frames, with monolithic reinforced concrete floors, with walls of tile, brick, stone, concrete block or similar material, with all loads carried on the frame, including eligible risks of this type but which do not qualify in Class II. Excluding buildings with strip steel joist, metal lumber or trussed steel joist floors.

Class VI. Buildings located on firm natural ground, wherein the loads are carried by reinforced concrete columns tied together by reinforced concrete floors with walls of tile, brick, stone, concrete block or similar material, including eligible risks of this type but which do not qualify in Class III. Excluding buildings with strip steel joist, metal lumber or trussed steel joist floors.

Class VII. Buildings having brick, stone or plain concrete walls (excluding those specified elsewhere), where the loads are carried in whole or in part by the walls and partitions (excluding buildings constructed of tile, concrete block, masonry veneer on wood frame, and adobe).

Buildings located on firm natural ground, with structural steel or reinforced concrete frame, with any kind of floor such as wood joist, metal joist, trussed steel joist, etc., any kind of walls other than wood and any kind of partitions, with all loads carried on the frame.

Class VIII. Buildings of tile, concrete block, or above bearing walls; masonry veneer of any building not covered by any other class. Bridges, reservoirs, dams, steel and concrete stacks.

Penalty. Buildings located on other than firm natural ground will take their otherwise classification with a 25% increase in rate.

It is also understood that buildings designed to resist a heavy lateral force (such as produced by ground accelerations of two to three feet per second) may be granted a special rate; this rate to be granted only after design, supervision and construction have been approved by the Board's engineers.

BAD ROADS TAX IS HIGH

Motorists pay a bad road's tax equivalent to 22.3 cents on every gallon of gas consumed on a poor highway. The California State Automobile Association reports that this conclusion was drawn from experiments recently conducted in Washington, Iowa and North Carolina. The figures were based on the premise of a car making 10 miles to the gallon on a rough highway. On a basis of a speed of 33 miles per hour, the test showed the cost of gasoline and tires per one thousand miles over rough roads used in the experiments was \$35.10 for an average four cylinder, car weighing 3500 pounds loaded. The cost for the same car at the same speed over a very smooth improved road was only \$12.80, according to the tests.

TRADE NOTES

Pacific Piling & Construction Company of Los Angeles has leased three acres of land from the Ellis Landing & Dock Company at Richmond, Contra Costa County, and will spend \$50,000 in the erection of a plant for the manufacture of treated concrete piles.

Superior Tile & Products Co., formerly located at 2725 Shattuck Ave., Berkeley, has moved to larger quarters at 3743 Broadway, Oakland.

Concrete Engineering Co. of Omaha, Neb., in keeping with its growth and expansion has acquired the Steel Service Company of San Francisco and is now ready to serve the construction field from ample warehouse stocks. F. E. Jennings will be district sales manager in San Francisco. In addition to reinforcing bars and spirals the company will carry a complete line of Meyer & Ceco products.

Simpson Screen Co. of Oakland, has been incorporated with a capital stock of \$50,000. Directors are: L. B. Rainford of Oakland; B. W. McManus and Chas. Simon of Los Angeles.

Joe Vargas, John M. Goulart and John Munir, all of Decoto and John Silva of Niles, will operate at Decoto, Alameda County, under the firm name of Decoto Tile Company.

Ray Ruggeri will operate from 179 Thirteenth St., San Francisco, under the firm name of Western Artificial Stone Works.

Weir Electric Appliance Co. of Oakland, capitalized for \$200,000 has filed articles of incorporation in Oakland. Directors are: H. A. Starks, W. W. Weir, Delia I. Starks, Isabella Weir and Clarence De Lancey.

W. S. Sneath, formerly assistant manager of the Standard Fence Company, is now manager of the Page Chain Link Fence & Wire Departments of the Michel & Pfeffer Iron Works of San Francisco. The Michel & Pfeffer interests maintain experienced fence erecting crews and are in a position to give prompt and efficient service on fence and wire work installation.

ALONG THE LINE

A. M. McCray has been appointed county surveyor of San Benito County, succeeding the late W. A. Winn.

After an illness of six weeks, Henry Wilson, 79, wealthy San Francisco lumber and shipping man, died at his home in Piedmont, June 5. A native of Sweden, Wilson came to California in 1890 and was for many years president of Wilson Brothers & Co. Surviving him are the widow, Mrs. Mary Wilson, and two sons, Winfred and Francis, both members of the firm.

The graduate course in Fuel Engineering at the University of Pennsylvania has been sufficiently successful to warrant its continuation for the year 1928-29, it is announced by Robert H. Fernald, director, Department of Mechanical Engineering of that institution.

Joseph A. Mann, 75, retired contractor of Oroville, died in that city June 11. Mann lived in Oroville for 25 years and had been a resident of California for 43 years. He was born September 8, 1852, at Council Bluff, Iowa. His widow, three daughters and one son survive.

Robert Emory Rogers, secretary of the Union Rock Company of Los Angeles, died suddenly at his home, 522 S. Kingsley Drive, June 4, of heart disease. He had worked at his office until about 7 P. M. and was apparently in normal health when he retired. He was stricken about midnight and died within ten minutes.

C. E. Griggs has been appointed city manager of Phoenix, Ariz. He was at one time city manager of Tulsa, Okla., and was for fourteen years with the Santa Fe Railway system. He was also chief engineer of the Beardsley & Maricopa County Water Conservation District.

A district group meeting of the State Association of California Architects was held June 7 in San Jose at which Ralph Wyckoff of San Jose was elected district councillor. The district comprises Santa Clara and San Benito counties.

The Portland Cement Association, Chicago, Ill., is now issuing a 60-page book entitled "Concrete in Architecture," which seems to be a timely treatise on the subject. Much has been written on the structural possibilities of concrete, but to judge from external appearances, the decorative possibilities have been grossly neglected. The photographic color plates contained in the book will be of interest to the architect in showing the possibility of design and decoration. But of great importance to the contractor is the section devoted to instructions for carrying out these designs.

HERE — THERE — EVERYWHERE

Plans for a Ladies' Night banquet will be held in San Jose shortly by the Peninsula Master Painters' Association. At a recent meeting of the association, when plans for the banquet were discussed, Walter McGhinley, president of the San Jose Association, was the principal speaker.

P. N. Downing of San Francisco was elected president of the Pacific Coast Electrical Association at the 4-day convention held in Pasadena. Nearly 800 leaders in the electrical industry of California, Arizona and New Mexico attended the opening meeting.

A general meeting of the Santa Barbara Builders' Exchange is set for June 29. Members of the Industrial Relations Committee and the Building Code Committee of the California State Builders' Exchange, meeting in Santa Barbara June 30, will attend the meeting. A dinner and entertainment program will be features of the meeting, according to A. J. Nolder, secretary-manager of the exchange.

The American Institute of Quantity Surveyors will hold its third annual convention at the Hotel Pennsylvania in New York City on June 25, 26 and 27. Among the topics on which addresses will be made and discussed are—Methods of surveying Concrete, Cut Stone, Marble, Tiling, Carpentry, Millwork, Plastering and Painting. Estimating Companies, Pricing, Quantities, Preliminary Estimates, Appraisals, Uninvited Bidders, Unfair Competition, etc.

LeRoy H. Stanton of E. J. Stanton & Son, Los Angeles, was elected president of the Pacific Coast Hardwood Assn. at the recent convention at Victoria, B. C. Other officers chosen were: Jerry Sullivan, Jr., Sullivan Hardwood Lumber Co., San Diego, vice-president, and C. M. Cooper, W. C. Cooper Lumber Co., Los Angeles, secretary-treasurer; J. E. Higgins Jr., J. E. Higgins Lumber Co., San Francisco; D. A. Johnson, D. A. Johnson & Son, Seattle; E. E. Hall, Emerson Hardwood Co., Portland; B. E. Bryan, Strable Hardwood Co., Oakland; Henry Swafford, E. J. Stanton & Son, Los Angeles, and Jerry Sullivan Jr., Sullivan Hardwood Lumber Co., San Diego. The next convention will be held at Del Monte, Calif., in May, 1929.

Trade Literature

The Oil Heating Institute of New York, composed of the leading manufacturers of oil burning equipment and major oil companies, has just issued a new booklet designed primarily for the information of architects, but also of interest to every one interested in oil heating. (The Institute serves as a central bureau of information on a non-commercial basis and works with international authorities on oil and oil combustion and specialists on the design of oil heating equipment). The contents of the booklet covers the relative cost of oil fuel as compared with coal based upon the studies of the United States Bureau of Standards. It discusses the principles of combustion, how the selection of an oil burner is governed by various types of boilers, furnaces and chimneys, safety devices and automatic control, and pays particular attention to the need of having the work done by a competent dealer.

Caterpillar Tractor Co., San Leandro, has issued a number of new publications showing the work of Caterpillars in the oil fields, in snow removal work, in the construction of air ports, in quarry work, in making fire breaks through the forests, and a separate publication shows these machines doing all sorts of odd jobs throughout the world.

Truscon Steel Co., Youngstown, Ohio, has issued a booklet describing the recently announced Model No. 5 Truscon Standard Casement. Close-up views of various architectural treatments with their accompanying scaled construction details, are features of the booklet which also shows the various sizes and types of Truscon standard casements and a complete specification for them. Copies of the booklet are available for architects and contractors.

The American Institute of Steel Construction, Inc., 285 Madison Ave., New York City, has issued a folder showing the effect of flood waters on steel bridges. This folder shows several steel spans that were washed out by floods, or that were let down when piers or abutments were undermined, and that were found in condition to be easily salvaged after the water subsided. Another folder gives a complete directory of members of the institute.

General Electric Co., Schenectady, N. Y., in its new bulletin, G. E. A.-742-A, give complete information on their Novalex traffic signal control systems, describing the mechanical and electrical features of these devices and telling about the systems of control that may be effected through their use. Wiring diagrams are shown.

Building News Section

APARTMENTS

LOS ANGELES, Cal.—Architect Leonard L. Jones, 2504 W. 7th St., is completing working plans for a 7-story and basement Class A apartment building to be built at the southeast corner of Carondelet St. and Ocean View Ave. for J. H. Layton; the building will contain 50 2, 3, 4 and 5-room apartments with large lobby and garage in basement to accommodate 50 cars; reinforced concrete walls. Cost, \$275,000.

Sub-Bids Being Taken
APT. & STORES. Cost, \$55,000
OAKLAND, Alameda Co., Cal. SE Mandana Blvd. and Grand Ave.
Three-story class C apartment and store bldg. (8 2-room; 16 1-room apts., 3 stores, coffee shop and garages).
Owner—John C. Ford.
Architect and Mgr. of Const.—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Preparing Preliminary Plans.
APARTMENTS. Cost, \$—
SAN FRANCISCO. Pt. Lobos and Forty-fifth Aves.
Apartment building (height and type of structure not decided).
Owner and Builder—Stempel & Cooley, Hearst Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Preparing Preliminary Plans.
APARTMENTS. Cost, \$—
SAN FRANCISCO. Point Lobos & Forty-third Aves.
Class C apartment building (height and type of construction not decided).
Owner & Builder—Stempel & Cooley, Hearst Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
APARTMENTS. Cost, \$100,000
BERKELEY, Alameda Co., Cal. No. 2531 First Avenue.
Three-story frame and stucco apartment building (72 rooms).
Owner and Builder—Henry E. Tweed, 4035 Greenwood Ave., Berkeley.
Architect—W. W. Dixon.

LOS ANGELES, California.—Great Pacific Development Company, 340 Roosevelt Building, is taking bids on all sub-contracts for the erection of a 4-story class C apartment building at 1519 S Manhattan Place; owner's name withheld; 40 single and double apartments, brick construction; cost, \$125,000.

Plans Being Figured
APARTMENTS. Cost, \$45,000
SAN FRANCISCO. Location Withheld.
Three-story frame and stucco apartment building (14 apts.).
Owner—Name Withheld.
Architect—Henry C. Smith, Humboldt Bank Bldg.

Contract Awarded
APARTMENTS. Cont. Price, \$13,816.90
SAN FRANCISCO. NE Church and 22nd Streets.
Two-story and basement frame and stucco apartment building (7 apts.).
Owner—George Reed, Humboldt Bank Bldg., San Francisco.
Architect—Bos and Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Axel Larsen, 25 Rivoli St.

LONG BEACH, Los Angeles Co., Cal.—Architects Dedrick & Bobbe, 901 Heartwell Bldg., Long Beach, have completed working plans for a 4-story frame, stucco and art stone apartment building at NW corner of 3rd St. and Elm Ave., Long Beach, for Leo Drayer, northwest corner 3rd St. and Redondo Ave., Long Beach; cost, \$100,000. Day's labor and sub-contract.

Sub-Contracts Awarded.
APARTMENTS. Cost, \$75,000
SAN FRANCISCO. Thirty-eighth Ave. and Cabrillo Street.

Three-story and basement frame and stucco apartment building (36 2-room apts.).

Owner & Builder—J. Exicios, 135 Darien St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Electrical Work—Aetna Electric Co., 1337 Webster St., San Francisco.

Reinforcing Steel—Gunn, Carle & Co., 444 Market St., San Francisco.

Cement and Concrete—San Francisco Concrete Co.

Iron and Steel—Sunset Iron Works, 964 Harrison St., San Francisco.

Plumbing and Tile Work—Scott Co., 243 Minna St., San Francisco.

Plastering—R. F. Jose.

Roofing—H. & H. Roofing Co., 2734 Army St., San Francisco.

Mill Work—Loose Lumber Co., San Jose.

Lumber—Loop Lumber Co., Central Basin, San Francisco.

Heating—C. Peterson Co., 390 6th St., San Francisco.

Cabinets—Progress Woodworking Co., 2751 16th St., San Francisco.

Refrigeration—Frigidaire Service Co., 871 Mission St., San Francisco.

Glass—Tyre Bros., 666 Townsend St., San Francisco.

Painting—R. P. Paoli & Co., 25 Cervantes St., San Francisco.

Stairs—McKee Bros., 1872 Howard St., San Francisco.

Wall Beds—Marshall Stearns Wall Bed Co., Phelan Bldg., San Francisco.

Working Drawings Being Prepared
APARTMENTS. Cost, \$125,000
FRESNO, Fresno Co., Cal. Franklin and Yosemite Aves.

Six-story and basement class C apt. bldg. 2, 3 and 4-room apts., garage, swimming pool, tennis courts, etc.)

Owner—J. A. Manning, 421 Mills Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Modern steam heating and cooling system, electric refrigeration, etc., to be installed.

LOS ANGELES, Cal.—Architect Raphael Nicolais, 686½ S Vermont Ave., will take general contract bids soon for erecting a 5-story apartment building at 7070 Franklin Ave. for Mrs. Marie D. Richmond. It will contain 86 apartments, lobby, storage rooms, etc.; steel frame and brick construction; cost \$100,000.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect F. A. Brown, 1489 W Washington St., Los Angeles, has completed plans and segregated bids will be taken soon for erecting a 5-story apartment building on S Pacific Blvd., Huntington Park, for H. N. Longfellow. It will contain 120 rooms, lobby, laundry and storage rooms, reinf. conc. const., plaster exterior, tile and composition roofing; cost \$140,000.

Completing Plans—Ready For Bids About July 1st.

APARTMENTS. Cost, \$80,000
BURLINGAME, San Mateo Co., Cal. Bellevue Ave.

Three-story and basement frame and stucco apartment house (30 apts. of 2, 3 and 4 room rooms).

Owner—Dr. J. H. Lorenz.
Architect—Russell Coleman, 1132 Cambridge Road, Burlingame.

Bids will be call for a general contract.

Plans Being Figured
APARTMENTS. Cost, \$45,000
SAN FRANCISCO. Forty-eighth Ave. and Sutro Heights.

Three-story frame and stucco apartment building (14 apts.).

Owner—Mr. Terry.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

To Be Done By Day's Work
APARTMENTS. Cost, \$40,000
SAN FRANCISCO. W Fillmore St. S Retiro Way.

Three-story and basement frame and stucco apartment bldg. (12 apts.)

Owner and Builder—Thomas Scoble, 336 Kearny St.

Architect—E. E. Young, 2002 California Street.

Building permit applied for.

LOS ANGELES, Cal.—C. Shapiro Co., builder, 319 W. M. Garland Bldg., applied for building permit to erect two 42-room, 20-family, 2-story class C apartment house, 44x125 feet, at 1117 and 1123 S Norton Ave. for Carl Shapiro, 317 W. M. Garland Bldg. Plans by A. C. Burbank; cost \$80,000.

To Be Done By Day's Work.
APARTMENTS. Cost, \$25,000
SAN FRANCISCO. NW Thirty-fifth Ave. and Balboa St.

Three-story and basement frame (13) apartments.

Owner—Johnson & Anderson, 1483 17th Ave., San Francisco.

Architect—None.

Owners Taking Segregated Figures
APARTMENTS. Cost, \$125,000
SAN FRANCISCO. Point Lobos and 45th Ave.

Six-story and basement steel frame class C apartment house (42 2 and 3-room apts., 82 rooms).

Owner—Mrs. Bessie Cooley, Hearst Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg.

Owner Taking Segregated Bids
SAN FRANCISCO. 43rd Ave. and Geary Street.

Six-story and basement steel frame class C apartments, (98 rooms, 40 2 and 3-room apts.)

Owner—Mrs. Bessie Cooley, Hearst Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock Bldg.

Contract Awarded.
APARTMENTS. Cost, \$30,000
REDWOOD CITY, San Mateo Co., Cal. Birch Street and Broadway.

Two-story frame and stucco apartment building.

Owner—Misses Jean, Marion and Blanche Cumming.

Architect—John McCool, 381 Bush St., San Francisco.

Contractor—Gus Waller, Redwood City.

Orders-Inquiries

60
pages

Send
for
FREE
COPY



Can be
Secured
by
MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed. Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy
R. L. POLK & CO., Detroit, Mich.
Largest City Directory Publishers in the World
Mailing List Compilers—Business Statistics
Producers of Direct Mail Advertising

LOS ANGELES, Calif.—Architect S. Charles Lee, 551 Petroleum Securities Bldg., has completed revised plans and is taking bids on general contract from a selected list of contractors for the erection of a 4-story and basement class C store and apartment building, at the SW corner of Western Ave. and Hollywood Blvd., for Louis B. Mayer and associates; the building will contain recreation rooms and bowling alleys in basement, 10 stores and lobby on first floor with 54 office suites in the upper floors, 11x16 ft., brick walls, 70 tons structural steel, art stone and plaster exterior; \$300,000. Following is a list of general contractors who will submit bids: Scofield-Twaits Co., 1109 Pacific Finance Bldg.; H. M. Baruch Corp., 1015 Lincoln Bldg.; Clinton Construction Co., 421 Stock Exchange Bldg.; R. E. Campbell, Central Bldg.; Carpenter Bros., 457 N. Canyon Dr.; Beverly Hills; Sarver & Zoss, 727 W. 7th St.

LOS ANGELES, Calif.—Roy L. Jones, 1100 N. Vermont Ave., has completed plans for a 5-story and part base, class B apartment bldg. to be erected on Loma Linda Ave. for Hugh Donaldson; the building will contain 50 units divided into single and double apartments; dimensions, 6x142 feet, steel frame, brick walls, tile and comp. roofing.

Contract Awarded
APARTMENTS Cost, \$100,000
SAN FRANCISCO. W Van Ness Ave. 55 S Chestnut St.
Six-story and basement reinforced concrete (30) apartments.
Owner—McKillop Bros., 45 Kearny St.
Architect—None.
Contractor—Mission Concrete Co., 125 Kissung St. or 270 Turk St.

Owner Taking Sub-Bids
SAN FRANCISCO. Irving St. and 48th Avenue.
Two 3-story frame and brick veneer apartment buildings.
Owner—Unit Construction Co., (J. E. Raymond), 693 Mission St.
Architect—Irvine & Ebbets, Call Bldg.
This is the first of a group of four apartments, of which two are 6-story steel and brick structures.

BONDS

VISALIA, Tulare Co., Cal.—Election will be held on June 25 to vote bonds of \$50,000 for purchase and improvement of Visalia Airport. B. J. Jardee, city manager.

SANTA MONICA, Los Angeles Co., Cal.—The proposed \$1,950,000 school bond issue was defeated at the special election last Tuesday.

SANTA ANA, Orange Co., Cal.—The proposed \$1,276,000 bond issue for new school buildings failed to carry at the special election last Tuesday.

LOOMIS, Placer Co., Cal.—Loomis School District votes bonds of \$12,000 to finance erection of addition to present school. Will provide 2 classrooms.

PASKENTA, Tehama Co., Cal.—Elkins School District votes bonds of \$8000 to finance erection of new school building.

CHURCHES

Plans Being Completed.
CHURCH BLDG. Cost, \$12,000
ALAMEDA, Alameda Co., Cal. SW High and Van Buren Sts.
One-story frame and stucco church building.
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg., San Francisco.
Bids will be taken in about 2 weeks.

Plans Being Figured
CHURCH Cost, \$50,000
FRESNO, Fresno Co., Cal.
One-story brick church building with tile roof.
Owner—Trinity Methodist Episcopal Church.
Architect—Rollin S. Tuttle, California Bldg., Oakland.

VENTURA, Cal.—Architect Harold E. Burkett, El Jardin Patio, 823 Main St., Ventura, has been commissioned to prepare plans for a new Class A church building and for the reconstruction of a Sunday School building on the site at Ventura for the Union Church of Ventura, Rev. William Middlemass, pastor. The main building will have an auditorium to seat about 750 people and the building to be reconstructed will contain assembly hall and classrooms; reinforced concrete and frame construction. Cost \$100,000.

Plans Ready For Bids In About Ten Days
ALTERATIONS Cost, \$25,000
STOCKTON, San Joaquin Co., Cal.
Miner and San Joaquin Streets.
Remodeling church building (43 rooms 2 banquet halls, etc.)
Owner—Central Methodist Church.
Architect—Davis-Pearce Co., 47 N-Grant St., Stockton, and Mayo & Bissell, 421 E-Miner St., Stockton, Associated.

There will be parlors for the church ladies, high school groups and college groups and kitchenettes for each. A new Sunday school will be provided and a church cathedral. A third floor, a mezzanine on the north side.

HOLLYWOOD, Los Angeles Co., Cal.—Architect Thos. P. Barber, 2008 W. 7th St., is taking bids on general contract until June 22nd for erecting a Class A church building to be erected at Franklin and Highland Aves. for the Hollywood First Methodist Episcopal Church; Gothic architecture, seating capacity 1600 people, concrete construction. The following contractors will submit bids: J. C. Banister, 6331 Hollywood Blvd.; Wurster Constr. Co., 810 S. Spring St.; Steed Bros., 305 N. Garfield Ave., Alhambra; Mutter Bros., San Gabriel

Planned.
CHURCH Cost, \$125,000
PETALUMA, Sonoma Co., Cal.
Class A church building.
Owner—Central Methodist Church (Rev. Gideon G. Berger, Pastor).
Architect—Not Selected.
\$30,000 is now available, and a drive for the additional money needed will start shortly. Those participating in same are as follows: Mrs. Frank Conner, Mrs. H. F. Lyle, D. G. Neil, Dr. Ruth Huffman, G. W. Van Bebbler, S. C. Leonard, I. B. Raymond, Ralph Cochrane, Miss Freda Dahlman

WESTWOOD, Los Angeles Co., Cal.—Architect and Engineer Sexsmith & Wade 6513 Hollywood Blvd., are completing working plans and will be ready to take bids in July for the first unit of a church and student center to be built at the corner of Wilshire Blvd. and Malcolm Ave. for the First Presbyterian Church of Hollywood; Dr. Stuart MacLennan, pastor; the first unit will be a chapel, will contain 7 classrooms and will seat about 250; dimensions, 50x125 feet, reinforced concrete construction, plaster or brick and terra cotta facing, shingle tile roofing, steam heating system, toilets.

FORD CITY, Kern Co., Cal.—Construction has been started on a one-story frame and stucco edifice, 40 by 70 ft., at 207 Tyler St., for the Four Square Gospel Lighthouse. Rev. L. R. Davis, pastor. Basement will provide for Sunday school rooms.

WILLOWS, Glenn Co., Cal.—Mrs. Milton French of Willows has donated \$50,000 to Willow Baptist Church to finance erection of new edifice on a site yet to be purchased. Will be of Mission type of architecture approx. 140-ft. in depth, of reinforced concrete construction. Rev. J. C. Garth is pastor. Construction will be started early next fall.

PORTLAND, Ore.—Designer Elmer E. Feig, Western Bond and Mortgage Bldg., is taking bids from selective list of contractors to erect Laurelhurst Christian Church at 39th and Senate Sts.; est. cost \$50,000. Will be Gothic type; 58 by 100 feet, with main auditorium to seat 600. Basement will contain Sunday school quarters.

LOS ANGELES, Cal.—Architect Scott Quintin, 310 Weber Bldg., Alhambra, is completing working plans for a 2-story frame and stucco church and Sunday school building to be erected on Norm-

andle Ave. at 75th St. for United Presbyterian Church; Rev. John J. Stone, pastor; 44x104 feet and 36x104 feet, hand made tile roofing, maple and cement floors, hardwood and pine trim, gas heating, wrought iron, toilets, stained glass; \$50,000.

BAKERSFIELD, Kern Co., Cal.—G. L. Hannuman, Bakersfield, at approx. \$48,000 awarded contract to erect 2nd unit of First Christian Church at NW 16th and Eye Sts. Brick construction with stone belt and cornices; auditorium will seat 400 with an adjacent annex 150 and balcony 350. Robert H. Orr, architect, Corporation Bldg., Los Angeles. Rev. Chas. H. Hulme, pastor.

FACTORIES & WAREHOUSES

To Be Done By Day's Work.
PLANT Cost, \$40,000
OAKLAND, Alameda County, Calif. E Twenty-ninth Ave. and S. P. Right-of-Way.
Two-story reinforced concrete plant.
Owner—California Packing Corp, 101 California St., San Francisco.
Engineer—Phillip Bush, 101 California St., San Francisco.

Plans Being Completed.
CLEANING PLANT Cost, \$18,000
SAN RAFAEL, Marin Co., Cal. Fourth St. near H St.
One-story reinforced concrete dyeing and cleaning plant and 5-room flat above.
Owner—Jules Risso.
Architect—S. Heiman, 57 Post St., San Francisco.
Bids will be taken about June 15th.

Sub-Contracts Awarded.
FACTORY Cost, \$—
SAN LEANDRO, Alameda Co., Cal.
Williams and Martinez Sts.
One-story frame factory building.
Owner—Muller Bros., 202 Grove St., Oakland.
Architect—Hugh White, Syndicate Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
Concrete Work—M. Lopez, 819 35th St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Plumbing—Ambrose Bros, 206 Chumalia St., Oakland.

PETALUMA, Sonoma Co., Cal.—Architect Charles E. Shattuck, 318 Stock Bldg., Los Angeles, has prepared plans for a two-story warehouse, 80x80 feet, to be erected at Petaluma for the Taylor Milling Co. The owner is taking bids for the construction of the building. Reinforced concrete walls, frame interior construction. Cost \$50,000.

Planned
ALTER & ADDITIONS. Cost \$30,000
GRASS VALLEY, Nevada Co. Cal. Maryland Road.
Alterations and additions to present gas plant.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Eng. Dept. of Owner.
Among the new features to be installed will be a new relief holder, boiler, compressor, purifier, washer and scrubber and many other additions and replacements.

Contract Awarded.
ALTERATIONS Cost, \$35,000
OAKLAND, Alameda Co., Cal. NE 17th and Broadway.
Alterations and additions to plant.
Owner—Great Western Power Co., 530 Bush St., San Francisco.
Architect—Eng. Dept. of Owner, Harold Fox, Chief Engineer.
Contractor—S. Kutchar & Co., 731 E-10th St., Oakland.

CORNING, Tehama Co., Cal.—A building permit has been granted the Maywood Packing Company, who plan to rearrange and make additions to present packing plant to increase capacity. A new warehouse will be erected in addition providing enlarged facilities for the vat room. Officers of the company are: President, W. N. Woodson; Vice-President, W. V. Beresford; Secretary-Treasurer, R. B. Frapp; Manager, Sam Fox; Directors, W. N. Woodson, W. V. Beresford, R. B. Frapp, W. C. Smith and B. H. Brubaker

Planned
FRUIT SHED, ETC. Cost, \$8000
SUISUN, Solano Co., Cal.
 Frame fruit shed (unloading platform, etc., 50x100 ft.)
 Owner—Sacramento Northern R. R. Co., Sacramento.
 Architect—Eng. Dept. of Owner.
 Lessee—Stewart Fruit Co., 11th and I Sts., Suisun.

LEMOORE, Kings Co., Cal.—Construction has been started on an addition to the Golden State Milk Products Plant; estimated cost \$20,000.

SAN RAFAEL, Marin Co., Cal.—C. J. Lawson, San Rafael, at approx. \$5000 has contract to erect one-story fireproof dyeing and cleaning plant for F. Revere, operating the Tamalpais Valley Cleaners.

SANTA ROSA, Sonoma Co., Cal.—Grace Bros., Santa Rosa, granted building permit by city to erect a dehydrator plant; estimate cost \$1000.

HANFORD, Kings Co., Cal.—Four new green fruit packing plants, recently destroyed by fire will be rebuilt at once. They are: The Alta Vista Company plant; Williams Packing Company plant; Pepper Company's plant and the Smith and Gregg plant.

Completing Plans—Contractors To Take
 Sub-Bids In About Two Weeks.

BAKERY BLDG. Cost, \$150,000
SAN FRANCISCO. Bryant and Alameda Streets.

Two-story and basement reinforced concrete bakery building.

Owner—International Baking Co.
 Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.

Contractor—MacDonald & Kahn, Financial Center Bldg., San Francisco.

As previously reported, excavating awarded to Granfield, Farrar & Carlin, 67 Hoff St., San Francisco.

FORT MASON, San Francisco, Cal.—See "Government Work," this issue.

SALINAS, Monterey Co., Cal.—Southern Pacific Milling Company's warehouse suffers \$50,000 fire loss June 12.

WATSONVILLE, Santa Cruz Co., Cal.—Al. Short, Watsonville, awarded contract by Reseter Bros., local capitalists, to erect a one-story concrete packing plant 97 by 160 feet, to replace structure destroyed by fire two years ago. Construction will be started at once.

SUISUN, Solano Co., Cal.—E. E. Brooks, Vacaville, at approx. \$6000 awarded contract by Sacramento Northern Railroad Company to erect fruit packing shed addition at Russell station in Suisun Valley, 3 mi. west of Suisun, to be occupied by the Stewart Fruit Co. Tilden Lumber Co., Suisun, has contract for lumber

Completing Plans.
PUMPING PLANT Cost, \$15,000

SAN RAFAEL, Marin Co., Cal.

Concrete building to house pumping plant for sewer disposal.

Owner—City of San Rafael.

Architect—S. Heiman, 57 Post St., San Francisco.

Bids will be called for in about two weeks by the city clerk.

Sub-Contracts Awarded
WAREHOUSE Cost, \$60,000

OAKLAND, Alameda Co., Cal. Fourth St. east of Harrison.

Three-story and basement class B reinforced concrete warehouse, (65x110 feet).

Owner—Oakland Wholesale Grocery Co., Inc., 4th and Harrison Sts., Oakland.

Engineer—Norman B. Green, Sharon Bldg., San Francisco.

Contractor—F. R. Siegrist, 693 Mission St. San Francisco.

Electric Work—Scott-Buttner Co., 15 Grand Ave., Oakland.

Steel Forms—Ransome Conc. Machine Co. 4030 Hollis St., Oakland.

Lumber—Sunset Lumber Co.

Iron Work—Sullivan Iron Works, 780 Brannan St., San Francisco.

Plumbing—W. H. Picard, 5656 College Ave., Oakland.

As previously reported, concrete awarded to Adam Arras Co., 185 Stevenson St., San Francisco.

Sub-Contracts Awarded
ADD. TO WAREHOUSE Cost, \$50,000

SAN FRANCISCO. SW 15th and Vermont Streets.

Two-story addition to present class C storage warehouse.

Owner—Western Pacific R. R. Co., Mills Building.

Architect—Eng. Dept. of Owner, H. M. Smitten, Engineer.

Contractor—F. R. Siegrist Co., 693 Mission St.

Reinforcing Steel—Badt-Palk Co., 74 New Montgomery St., San Francisco.

Steel Rolling Doors—Kennerson Mfg. Co., 447 Hampshire St., San Francisco.

Brick Work—Emil Hogberg, 666 Mission St., San Francisco.

Painting—Aristo Painting Co., 169 Russ St., San Francisco.

Concrete Work—Adam Arras Co., 185 Stevenson St., San Francisco.

As previously reported, structural steel awarded to Schrader Iron Works, 1247 Harrison St., San Francisco.

GARAGES

Contract Awarded
GARAGE BLDGS. Cost, \$10,000

SAN FRANCISCO. Leavenworth and Greenwich Streets.

Eight 1-story reinforced concrete garage buildings.

Owner—Greenwich Community Apts.

Architect—F. W. Daken, 310 California.

Contractor—C. C. W. and H. H. Haun, 666 Mission St.

OAKLAND, Alameda Co., Cal.—See Apartments, this issue.

Contract Awarded
GARAGE & STORE Cost, \$350,000

SAN FRANCISCO. COR. OF JONES & Turk Sts.

Three-story reinforced concrete garage & store Bldg. (6 stores).

Owner—Yellow Cab Co., 1290 Bush St.

Architect—Powers & Ahnden, 605 Market.

Contractor—Cahill Bros., 206 Sansome St.

Ground is being broken today.

LEMOORE, Kings Co., Cal.—Sippel & Bergier, Lemoore, at \$2635 awarded contract by Lemoore School District to erect garage at Washington School. Concrete block construction, 30 by 52 feet.

BAKERSFIELD, Kern Co., Cal.—Wm. Eissler, 2300 Nile St., Bakersfield, at approx. \$40,000 has contract to erect "automobile emporium" at NE 18th and N Sts., for syndicate of Los Angeles business men. Will be one-story, 115 by 132-ft. and housing stores and departments marketing every type of equipment for the autoist.

GOVERNMENT WORK AND SUPPLIES

RIVERSIDE, Riverside Co., Cal.—The following are low bids submitted to Constructing Quartermaster, March Field, Riverside, to erect ten hangars and to erect two double barracks, four sets Field Officers' Quarters, thirty-two sets of Company Officers' Quarters and thirty-six garages:

Hangars
 Los Angeles Contracting Co., 4816 W Pico St., Los Angeles.....\$239,480

Barracks Etc.
 Mitty Bros., Detwiler Bldg., Los Angeles.....\$625,815

All Work Complete
 Mitty Bros., Detwiler Bldg., Los Angeles.....\$932,515

Bids referred to Washington for award.

A complete list of the bids obtainable today from offices of Larsen Advance Construction Reports and Dally Pacific Builder.

SAN FRANCISCO—Eastman & Moffatt, 2917 California St., awarded contract by the Constructing Quartermaster, Fort Mason, to construct boundary wall at Presidio of San Francisco.

SAN FRANCISCO—Healy Tibbitts Constr. Co., 64 Pine St., awarded contract at \$4500 by Constructing Quartermaster, Fort Mason, to construct timber bulkhead at Crissy Field.

SAN DIEGO, Cal.—Until June 18, 1928, 11 A. M., bids will be rec. by Public Works Officer, 11th Naval Dist., Foot of Broadway, San Diego, for dredging approx. 7000 cu. yds. at Naval Operating Base. See call for bids under official proposal section in this issue.

MARCH FIELD, Riverside Co., Cal.—A complete tabulation of bids received by the Constructing Quartermaster, March Field, to erect various structures at March Field are on file in the office of LARSEN ADVANCE CONSTRUCTION REPORTS and may be seen by those interested. Low bidders on this project were reported in our issue of June 8.

SAN FRANCISCO—Alta Roofing Co., 225 Gough St., submitted low bids to Constructing Quartermaster, Fort Mason, for repairs to slate roofs, gutters, downspouts, etc., on one barrack building and two sets of officers' quarters at Fort Miley. The bid was (a) Building 2, \$523; (b) quarters 21 and 22, \$309; (c) quarters 23 and 24, \$329. Other bids were:

Conrad B. Sovig, (a) \$614; (b) \$325; (c) \$375.

Fibrestone & Roofing Co., (a) \$639; (b) \$237; (c) \$342.

Elmhurst Roofing Co., (a) \$810; (b) \$444 (c) \$444.

Jones Bros. submitted a bid of \$293 which was in error.

GLOBE, Ariz.—Until June 29, 2 P. M., bids will be received by Supervising Architect, Treasury Department, Washington, D. C., to fur and install desks, railings and counters in U. S. Postoffice and Courthouse at Globe, Ariz. Plans obtainable from Supervising Architect or from Construction Engineer at the building in Globe.

WALLA WALLA, Wash.—Until June 26, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., for plumbing, heating and electrical work for store house at Veterans' Hospital, Walla Walla. Plans obtainable from Veterans' Bureau at Washington or from Medical Officer in Charge at hospital in Walla Walla.

Plans Being Prepared
ADDITIONS Cost, \$1,500,000

SAN FRANCISCO. Fort Mason.

Extend three docks and wharves, additions to four warehouses and erect new 7-story reinf. conc. office and warehouse building.

Owner—U. S. Government.

Architect—Constructing Quartermaster's Office, Fort Mason, Cal.

Plans and estimates are being prepared and will be forwarded to Washington for approval for the appropriation. Construction will extend over a period of three to four years. Dock No. 4 will be rebuilt by the San Francisco Park Commission at a cost of \$50,000.

WASHINGTON, D. C.—Following bids received at Washington, D. C., by Department of Commerce for electric airway beacons on San Francisco-Redding section, under Proposal 19,430, bids received in San Francisco were previously reported:

Muhleman & Kayhoe, Inc., Richmond, Va., item 1, \$445; 2, \$950; 3, \$3,335; 4, \$3,055; 5, \$3,165; 6, \$420; 7, \$280; 8, \$78; 9, \$36; 10, \$54; 11, \$90; 12, 17c; 13, 20c; 14, \$12.75; 15, \$15; 16, \$5.50; 17, 6c; 18, 7c; 19, 5c; 95c, \$1 and \$1.10.

Harrison-Wright Co., Charlotte, N. C., item 1, \$500; 2, \$1,050; 3, \$2,000; 4, \$1,700; 5, \$1,900; 6, \$350; 7, \$375; 8, \$50; 9, \$70; 10, \$75; 11, \$100; 12, 18c; 13, 40c; 14, \$10; 15, \$30; 16, \$15; 17, 10c; 18, 12c; 19, 50c, 75c, \$1.25 and \$2.

MARCH FIELD, Riverside Co., Cal.—Chief Signal Officer has been authorized to erect 150-ft. towers for radio station at March Field, the new air corps primary training school; cost not to exceed \$5000.

TUCSON, Ariz.—Until July 17, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., for additional buildings and utilities, including roads, walks and drainage at Veterans' Hospital at Tucson. This work will include excavating, reinforced concrete construction, hollow tile, gypsum blocks, brickwork, cast stone marble work, floor and wall tile, iron work, steel sash, steel stairs with slate treads, tile, metal and built-up roofing,

roof ventilators, metal lathing, plastering, carpentry, insect screens, awnings, painting, glazing, hardware, plumbing, heating and electrical work. Plans obtainable from Construction Division, U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., on deposit of \$50; checks to be made payable to Treasurer of the United States.

HALLS AND SOCIETY BUILDINGS

Plans Being Completed
CLUB BLDG. Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Tenth Street.
One and two-story frame and stucco club building (auditorium seating capacity 670).
Owner—San Jose Women's Club.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.
Bids will be called for June 12.

Plans Awaiting Approval
CLUB BLDG. Cost, \$150,000
MARYSVILLE, Yuba Co., Cal. 10th and D Streets.
Two-story and basement brick or concrete lodge bldg., gymnasium, showers, bowling alleys, steam room, swimming tank, etc.
Owner—Elks Club.
Architect—Dean & Dean, California State Life Bldg., Sacramento.

Taking Sub-Bids
CLUB BLDG. Cost, \$40,000
SAN FRANCISCO. Wawona St. and 30th Ave.
Two-story brick or reinforced concrete club building.
Owner—Junior League.
Architect—Ashley and Evers, 525 Market St., San Francisco.
Contractor—J. S. Sampson, Monadnock Bldg., San Francisco.

HOSPITALS

Plans Completed
PREVENTORIUM Cost, \$50,000
SAN JOSE, Santa Clara Co., Cal.
One-story frame and stucco preventorium
Owner—Santa Clara County.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.
Bids will be advertised for shortly.

MARYSVILLE, Yuba Co., Cal.—Mrs. E. C. Littleton, 104 Second St., Yuba City, is heading a committee planning erection of a separate hospital unit at the County Hospital to house contagious disease patients. Recommendation has been accepted by supervisors, and \$5000 ordered to be included in preliminary budget to cover costs.

RENO, Nev.—State contemplates erection of new insane ward building or the remodeling of the present structure at the state hospital grounds. Approximately \$100,000 is available in the hospital fund.

OROVILLE, Butte Co., Cal.—Architects Cole and Brouhard, Chico, commissioned by Butte County supervisors to prepare plans for additional hospital building at county hospital grounds to house maternity rooms and operating quarters; estimated cost \$35,000.

STOCKTON, San Joaquin Co., Cal.—Until July 3, 10 A. M., bids will be received by W. Y. Tretheway, Recording Secretary and Purchasing Agent, Bret Harte Sanatorium Hospital Central Committee of San Joaquin and Calaveras Counties, to furnish and install awnings at Bret Harte Sanatorium at Murphy, Calaveras County. Cert. check 10% payable to Chairman of Committee req. with bid. Plans and further information obtainable from Secty. at Stockton.

HOTELS

HOLTVILLE, Imperial Co., Cal.—R. A. Smith, manager of the hotel Lodi, Lodi, proposes erecting a new two-story sixty-room hotel here to cost \$100,000. The project has not yet been financed.

TIJUANA, Mexico—E. F. Bryans, 3022 Upas St., San Diego, has been awarded contract for the const. of a two-story, class A brick hotel and commercial building (100 rooms and bath) on Main St. bet. Second and Third Sts., Tijuana, for Miguel Gonzalez; cost \$250,000. F. W. Stevenson, architect, 615 Spreckels Bldg., San Diego.

PHOENIX, Ariz.—Edwards, Wildey & Dixon, Edwards-Wildey Bldg., Los Angeles, awarded contract for all work complete at \$350,000 for a class A addn. to the Adams hotel at Phoenix, Ariz., for the Adams Hotel Corp. It will be eight stories in height with stores and lobby on the first floor and 100 rooms on the upper floors; reinf. conc. const., 50x135 feet, face brick and cast stone exterior, three passenger elevators, freight elevator, steam heating, etc.

Bids In
ALTERATIONS Cost, \$5000
SAN FRANCISCO. 315 Golden Gate Ave., Hotel Lincoln.
Heating and hot water system and alter basement of 2-story and basement class C hotel.
Owner—Chas. Jacobs.
Architect—Henry Shermund, Hearst Bldg.

PHOENIX, Ariz.—S. M. Benet Co., Administration Bldg., Bel-Air, has been awarded the contract for the erection of the new Biltmore Hotel to be built at Phoenix for the Arizona Biltmore Corp. The main building will be of reinf. conc. const. with stucco extr., tile roof and will contain 200 guest rooms. A number of bungalows will also be erected on the site which is a 600-acre tract near Camelback mountain. The work will also include a golf course and polo field. The cost will be more than \$1,000,000. The directors of the company include James Woods and Chas. Baad of the Los Angeles Biltmore and John H. Gage, president of the Pig'n Whistle Corp. Plans for the building were prepared by Albert Chase McArthur of Phoenix. The project has been financed and work will be started at once.

POWER PLANTS

EUGENE, Ore.—A. Guthrie & Co., Inc., Sherlock Bldg., Portland, Ore., and San Francisco, sub. lowest bids in June 5th, to C. A. McClain, Supt. Secty., Eugene Water Board, to const. Leaburg Development Hydroelectric power plants No. 2 and 3. Bids were received on the following propositions:

Contract F, consisting of diversion dam, intake and appurtenant works. Important items of this section will include the following approximate quantities: 20,000 cu. yds. of excavation; 13,500 cu. yds. of concrete; 375 tons structural and reinforcement steel.

Contract Section G, consisting of canal, tailrace and appurtenant structures. The largest item of this section will consist of approximately: 860,000 cu. yds. of excavation.

Contract Section H, consisting of forebay, penstocks, siphons and power house No. 2. Important items of this section will include the following approximate quantities: 80,000 cu. yds. excavation; 8000 cu. yds. concrete; 340 tons structural and reinforcement steel.

Proposals may be submitted on more than one contract section and conditioned on acceptance of the whole bid only. Stevens & Koon, engineers, Spaulding Bldg., Portland.

Contract will be awarded shortly. Complete list of bids follows:

Contract Section "F"
A. Guthrie & Co., Portland.....\$364,970
Lord & Bishop, Storrie, Cal.....399,687
Ward Eng. Co., S. F.....421,573
Parker Schramm Co., Portland.....423,246
Utah Constr. Co., San Francisco.....431,434
Fisher & Ross, Los Angeles.....456,348
Henry & McFee Contg. Co., Seattle Wash.....473,896
Folwell Eng. Co., Chicago, Ill.....510,580
Engineer's estimate.....405,846

Contract Section "G"
A. Guthrie & Co., Portland.....\$362,072
Geo. Mitchell Co., Huntington Park, Cal.....408,110
Utah Constr. Co., San Francisco.....420,284
Wren & Greenough, Portland.....439,057
C. R. Adams, Mt. Shasta City, Cal.....443,681
Derbon Constr. Co., Seattle.....467,775
Parker-Schramm Co., Portland.....487,176

Grant Smith & Co., Seattle.....508,516
Von der Helen & Pierson, Medford, Oregon.....523,616
Fisher & Ross, Los Angeles.....531,966
Henry & McFee Contg. Co., Seattle Wash.....538,366
Folwell Engr. Co., Chicago.....565,081
Casseday Engr. & Const. Co., Seattle, Wash.....601,930
Engineer's estimate.....489,906
Contract Section "H"
A. Guthrie & Co., Portland.....302,188
Utah Constr. Co., San Francisco.....327,120
Parker-Schramm & Co., Portland.....332,707
Folwell Engr. Co., Chicago.....391,653
Casseday Engr. & Const. Co., Seattle Wash.....393,445
Engineer's estimate.....362,820
Henry & McFee Contg. Co., Seattle, Wash.....446,45

JACUMBA, San Diego Co., Cal.—Architect C. E. Shattuck, 318 Stack Bldg., Los Angeles, has prepared plans for an electric power plant to be erected at Jacumba Hot Springs, San Diego County, for the Jacumba Land & Cattle Co. Mr. Shattuck will superintend the construction of the plant. Reinforced concrete and frame and galvanized iron construction. The cost, including equipment, will be approximately \$45,000.

VANCOUVER, B. C.—C. C. Moore and Co., Sheldon Bldg., San Francisco, at \$2,500,000 awarded contract by British Columbia Railway Co. to construct first unit of Hastings steam plant for generation of electrical energy. The contract covers the first 20,000 k.w. turbo-generating units of a station which it is contemplated will ultimately contain four similar units with a total capacity of 80,000 k.w. or 105,000-h. p. The normal fuel supply will probably be coal which will be pulverized before being fed to the boilers. Structural provision, however, will be made for the possible future use of oil fuel.

Excavating Contract Awarded—Plans Being Completed
STEAM PLANT Cost, \$3,500,000 (including equipment).
SAN FRANCISCO. Waterfront lands facing India Basin.

Class A steam generating plant, (55,000 kilowatt turbine); 150 ft. long, 130 ft. wide and 78 ft. high.
Owner—Great Western Power Co., 530 Bush St., San Francisco.
Architect—Eng. Dept. of Owner. (Harold K. Fox, Chief Engineer).
Consulting Engineers—McClelland and Junkersfeld, New York.

Plans are being completed in the East and work will be started on the building in about two months under the supervision of Mr. Fox.
Excavating awarded to Granfield, Farrar & Carlin, 67 Hoff St.

PUBLIC BUILDINGS

STOCKTON, San Joaquin Co., Cal.—Until June 25, 1928, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, for painting County Fair Grounds buildings. Cert. check 10% req. Plans and spec. obtainable from clerk on deposit of \$10. See call for bids under official proposal section, this issue.

SAN FRANCISCO, Cal.—Until Wednesday, June 20, 1928, bids will be received by Board of Public Works for the flood lighting of the City Hall. Estimated cost \$8500.

APTOS, Santa Cruz Co., Cal.—June 20, 1928, 8 P. M., bids will be rec. by Board of Trustees of Aptos School Dist., to construct frame and stucco school building from plans prepared by Architects A. W. Story and J. H. DeLange, Pajaro Bank Bldg., Watsonville. Plans and spec. may be seen at office of Harry Rhodes, Clerk of the Board, Aptos. Cert. check of 5% req. Bonds to the amount of \$23,000 have been voted. See call for bids under official proposals this issue.

YUBA CITY, Sutter Co., Cal.—County supervisors are considering preliminary plans for a two-story concrete structure to house offices of the county horticultural commissioner, farm advisor, county library, justice court, etc. Estimated cost \$50,000. Funds will probably be provided in the 1928-29 budget.

LONG BEACH, Los Angeles Co., Cal.—City council of Long Beach has a recommendation from the city engineer, Adams, that a competition be held to select an architect for the new auditorium; \$4,400,000. Bonds have been voted.

LODI, San Joaquin Co., Cal.—As previously reported, bids are being received by J. F. Blakely, city clerk, to fur and install additional furniture and equipment in Lodi Public Library. Davis-Pearce Co., architects, 47 N Grant St., Stockton. Date for closing of bids set for June 25, 5 P. M. (to be opened 8 P. M. on the same evening). Cert. check 10% or bidder's bond req. with bid, payable to city clerk. Specifications obtainable from Miss Amy L. Boynton, Librarian at the Lodi Public Library, on deposit of \$25.

ROSEBURG, Ore.—Until June 28, 10 A. M., bids will be received by Douglas County Commissioners for general construction and mechanical equipment for new courthouse; 4-story, 140 by 80-ft., reinforced concrete construction with cast stone finish. Tourtellotte and Hummel, architects, 311 Postal Bldg., Portland, Ore. Segregated bids are wanted for (1) general construction; (2) jail equipment; (3) electrical work; (4) plumbing system; (5) heating and ventilation; (6) elevator. Plans obtainable from architects.

RESIDENCES

Preliminary Plans Being Prepared.
RESIDENCE Cost, \$200,000
SAN FRANCISCO. Chestnut St., between Hyde and Larkin Sts.
Two-story reinforced concrete residence (all modern conveniences).
Owner—Dr. Buck.
Architect—Louis Mullgardt, 641 Post St., San Francisco.

Foundation Bids Being Taken
RESIDENCE Cost, \$22,000
SAN JOSE, Santa Clara Co., Cal. The Alameda.
Two-story frame and stucco residence, (10 rooms).
Owner—Chas. Bigley, 58 Bassett St., San Jose.
Architect—Wolfe & Higgins, Realty Bldg., San Jose.

SAN MARINO, Los Angeles Co., Cal.—Architect Gene Verge, 802 Beaux Arts Bldg., Los Angeles, has completed plans for a large 14-room Spanish type residence to be erected on Virginia Road, San Marino, for P. N. Snyder; there will also be a large greenhouse erected on the property and a 2-story garage with servants' quarters; frame and stucco exterior. The site, which contains 2½ acres, will be completely landscaped. Cost \$60,000.

Plans Being Figured—Bids Close June 12
RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
Two-story frame, brick veneer and siding residence.
Owner—Leland Prior, Middlefield Road, Menlo Park.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Plans Being Figured.
RESIDENCE Cost, \$18,000
PALO ALTO, Santa Clara Co., Cal.
Two-story 10-room frame and stucco residence.
Owner—George Morrell.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Completing Plans—Excavating Bids In
RESIDENCE & GARAGE Cost, \$75,000
PIEDMONT, Alameda Co., Cal. Alpine Road.

Two-story and basement concrete frame and stucco English type residence and garage.
Owner—Mrs. Chester Williams.
Architect—Miller & Warnecke, 1404 Franklin St., Oakland.

D. De Velviss, 354 Hobart St., Oakland, submitted the lowest bid for excavating at approx. \$5500.

Plans will be ready for general contract bids in two or three weeks.

HAYWARD, Alameda Co., Cal.—Until June 20, 8 P. M., bids will be received by M. B. Templeton, city clerk, to erect

keeper's lodge in Municipal Park. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

REDDING, Shasta Co., Cal.—J. P. Brennan, Redding, at approx. \$14,000 has contract to erect frame and stucco, 11-room residence, at Placer and Pine Sts., for Harry W. Glover.

Completing Plans
RESIDENCE Cost, \$20,000
SAN FRANCISCO. Golden Gate Heights, Sunset District.
Two-story frame and stucco residence (12 rooms, 3 bathrooms, double garage).
Owner—Carl Erickson.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco.
Contractor—Mr. Erickson.
Electrical heat and appliances.

Ready For Figures End of This Week
RESIDENCE Cost, \$12,000
SAN FRANCISCO. Ulloa St. and 23rd Ave.
Two-story frame and stucco residence, (7 rooms and garage).
Owner—Axel Anderson.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco.
Bids will be taken for a general contract.

Plans Being Prepared
RESIDENCE Cost, \$18,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco 8-room Spanish style residence with tile roof.
Owner—Mrs. Gertrude M. Ellis
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Work Started
RESIDENCE Cost, \$40,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and brick veneer residence (20 rooms and 5 baths).
Owner—L. F. Lennox.
Architect—Ralph Wyckoff, Growers Bank Bldg., San Jose.
Contractor—Guy M. Latta, 25 Rhodes Ct., San Jose.

Bids Under Advisement
RESIDENCE Cost, \$20,000
MENLO PARK, San Mateo Co., Cal.
Two-story frame, brick veneer and siding residence.
Owner—Leland Prior, Middlefield Road, Menlo Park.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Milton Bros., 202 5th Ave., San Francisco.....\$14,810
Minton Co., Mt. View.....16,200
C. A. White.....16,575
Osborne & Knight, Palo Alto.....16,878
Henry Post, Palo Alto.....17,194
Wm. Short, Palo Alto.....17,315
R. W. Pollmer, Palo Alto.....17,327
L. A. Bachelder, Palo Alto.....17,942

Completing Plans
RESIDENCE Cost, \$50,000
SAN FRANCISCO. 710 El Camino Del Mar.
Two-story and basement frame and stucco residence.
Owner—J. Sheldon Potter, Commercial Union Bldg., San Francisco.
Architect—Houghton Sawyer Co., 1025 Hearst Bldg., San Francisco.
Concrete foundation awarded to Chas. Stockholm & Son, Russ Bldg., San Francisco.

What architects and all who build have learned to expect from Quandt craftsmen:

"Co-operation for Quality"

Materials applied efficiently and expeditiously by brush or spray application to achieve the best result at the minimum cost to the owner.

A. Quandt & Sons
Painters and Decorators
SINCE 1885
374 GUERRERO STREET, SAN FRANCISCO
Telephone Market 1711

Quandt-quality is available for the small job as well as the large. Pioneers and Specialists in the application of Lacquer in the architectural field. Complete decorative color schemes designed and furnished. Advice for technical painting requirements furnished. Our operations are state-wide.

Plans Being Prepared
RESIDENCE Cost, \$15,000
PALO ALTO, Santa Clara Co. Cal. Campus of Stanford University.
One-story frame and stucco 8-room residence.
Owner—Dr. Jungblut.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Plans Being Prepared
RESIDENCE Cost, \$15,000
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco 8-room residence.
Owner—Browning Smith.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Taking Bids For Tile and Glass
RESIDENCE Cost, \$150,000
SAN FRANCISCO. Washington St., near Laurel St.
Two-story, basement and attic class A residence, 18 rooms.
Owner—Timothy Hopkins.
Architect—Arthur Brown, Jr., 251 Kearny St., San Francisco.
Contractor—George Wagner, 181 South Park, San Francisco.
Slate Roofing awarded to Albert Dean Roofing Co., 4201 Mission St.
As previously reported, electrical work awarded to H. S. Tittle, 85 Columbia Square, San Francisco; plumbing and heating to James H. Pinkerton, 940 Howard St.; plastering to S. F. Lathing and Plastering Co., 872 Folsom St.; structural steel to Judson Pacific Co., 609 Mission St.; mill work to Pacific Mfg. Co., Monadnock Bldg.; lumber to Pope & Talbot, Russ Bldg.; sand and gravel to Acme Gravel Co., foot of Leavenworth St.; cement to Henry Cowell Lime and Cement Co., 2 Market St.

Plans Being Revised.
RESIDENCE Cost, \$25,000
BERKELEY, Alameda Co., Cal. Uplands District.
Two-story frame and stucco residence (10 rooms, baths, 2-car garage).
Owner—R. H. Rennie, 5667 Ocean View Drive, Oakland.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.

Contract Awarded.
ALTERATIONS Cost, \$17,000
SAN FRANCISCO. NW Cherry & Jackson Streets.
Alterations and additions to residence.
Owner—Herbert E. Clayburgh, 15 Cherry St., San Francisco.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—William Bateman, 1913 Bryant St., San Francisco

Sub-Contracts Awarded.
RESIDENCE Cost, \$46,000
SAN FRANCISCO. NW Jackson and Maple Streets.
Two-story and basement frame and stucco residence.
Owner—E. S. Newman, Claus Spreckels Bldg., San Francisco.
Architect—George A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Teahama St., San Francisco.
Lumber—Loop Lumber Co., Central Basin, San Francisco.
Concrete Work—Massagli & Co., 147 Parker Ave., San Francisco.
As previously reported, grading awarded to Sibley Grading & Teaming Co., 165 Landers St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. No. 150 South Hampton Road.
Two-story 8-room frame and stucco residence.
Owner—Grace L. Bugg and Carl W. Ashlen, 1841 San Pedro Ave., Berkeley.
Architect—W. W. Dixon, 1844 5th Ave., Oakland.
Contractor—Deval & Lang, 909 Spruce St., Berkeley.

Contract Awarded.
RESIDENCE Cost, \$6000
SAN FRANCISCO. Pennsylvania St. 25 N Twenty-fifth St.
One-story and basement frame and residence (6 rooms and laundry).
Owner—Antonio Pelletini.
Architect—G. A. Berger, 309 Valencia St., San Francisco.
Contractor—Michele Chiodo, 135 Connecticut St.

Contract Awarded
ADDITION Cost, \$12,000
SAN FRANCISCO. 2007 Franklin St.
 Three-story addition to present dwelling.
 Owner—S. Lilienthal, 2007 Franklin St.
 Architect—G. Bailey, 425 Mason St.
 Contractor—J. M. Anderson, 1612 Pacific.

MONTA MAR VISTA, Cal.—Architects Edward Cray Taylor and Ellis Wing Taylor, 110 W. 6th St., Los Angeles, are preparing working drawings for a large Mediterranean type residence to be erected at Monta Mar Vista for Dr. Ray Robinson. It will be a two-story and basement structure, containing 17 rooms and six bathrooms; concrete basement story construction; reinforced concrete first floor slab, stone-tile or terra cotta tile walls, stucco exterior.

CANOGA ESTATES, Los Angeles Co., Cal.—Geo. P. Rattenbury, Architects Bldg., Los Angeles, has been awarded contract for the construction of an English Cottage type residence on a 30-acre site at Canoga Estates, near Girard, for Harold G. Ferguson. Ray J. Kieffer, architect, 606 Great Republic Life Bldg., Los Angeles. The residence will contain ten rooms, four bathrooms and a billiard room; frame construction.

SAN MARINO, Los Angeles Co., Cal.—Karl J. Moller, 375 Del Monte St., Pasadena, has been awarded contract for the erection of an Early California type residence at San Marino for Gladys Smith. Roland E. Coate, architect, 701 Architects Bldg., Los Angeles. It will be a two-story structure, containing 12 rooms and several baths; frame construction. Cost \$50,000.

To Be Done By Day's Work.
ALTERATIONS Cost, \$—
SAN FRANCISCO. NE Vallejo and Webster Streets.
 Alterations to present residence.
 Owner—Robert L. Ackerman, 572 Funt-ton Ave., San Francisco

Planned. Cost, \$—
RESIDENCE
SAN FRANCISCO. NE Scott St. and Broadway.
 Two-story and basement frame and stucco residence.
 Owner—Mrs. George Kelham.
 Architect—George Kelham, 315 Montgomery St., San Francisco.
 Proposed residence is in very preliminary state.

SCHOOLS

CHICO, Butte Co., Cal.—Ritchie & Gray, Paradise, at \$6,176.77, awarded contract by Chas. H. Camper, Secty., Board of Education, to erect 2-classroom addition to Paradise school. A. G. Atkinson, architect, Chico. Work will also include extension and enlargement of the present heating plant.

Other bidders were:
Addition Complete
 W. J. Shalz, Chico.....\$6270.00
 L. Van Vlack, Chico.....6441.00
 L. Windsor, Chico.....7312.65
 J. W. Evans & Son (No heating) Chico.....5536.00
Heating and Plumbing
 Stultz & Slakey.....\$ 962.00
 C. C. Demaran.....1078.16
Electrical Work
 Bud Electric Co.....\$ 99.00

Bids To Be Taken In About Three Weeks
SCHOOL Cost, \$100,000
HOLLISTER, San Benito Co., Cal.
 Second unit of high school buildings (2-story concrete construction).
 Owner—San Benito High School Dist.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

STOCKTON, San Joaquin Co., Cal.—Bids will be rec. until June 27, 1928, 7:30 P. M., by Ansel S. Williams, clerk Stockton High School Board, for interior finish of new classroom building on NW corner of high school grounds, Harding Way and San Joaquin St. Peter Sala, 2130 North Commerce St., Stockton, architect. Cert. check 10% req. with bid. Plans and spec. obtainable from architect and on file in the office of the High School Board. See call for bids under official proposals in this issue.

Plans Being Figured—Bids Close June 20 1928, 5 P. M.

SCHOOL. Cost, (1st unit) \$40,000
CHICO, Butte Co., Cal.
 Four-room concrete school building with office, storeroom, toilets and heating system, etc.
 Owner—Chico School District Board of Education. Chas. H. Camper, Secretary.

Architect—Cole & Brouhard, New First National Bank Bldg., Chico, Cal.
 Cert. check 5% req. Plans and Spec. obtainable from Clerk of the Board, Municipal Bldg., Chico, on \$10 deposit. See call for bids under official proposals this issue.

VISALIA, Tulare Co., Cal.—The school trustees have decided to erect a new shop building and two temporary frame classroom buildings for the coming year. More substantial buildings will be erected later.

RIVERSIDE, Cal.—Until 7:30 P. M., June 26, bids will be received by the Board of Education of Riverside, for the erection of a new gymnasium building at the Polytechnic High School site at Riverside. Alfred W. Rea and Chas. E. Garstang, Pacific Southwest Bldg., Los Angeles, are the architects. The building will be of reinforced concrete construction. Cost, \$75,000.

STOCKTON, San Joaquin Co., Cal.—Until June 27, 7:30 P. M., bids will be received by Ansel S. Williams, clerk,

Stockton High School District, to fur. and install heating plant and blackboards in new classroom building at high school Harding Way and San Joaquin St. Peter Sala, architect, 2130 North Commerce St., Stockton. Cert. check 10% req. with bid. Plans obtainable from architect. See call for bids under official proposal section in this issue.

Plans Being Figured—Bids Close June 23, 4 P. M.

SCHOOL. Cost, \$9000
NEAR ROSEVILLE on County Line of Placer and Sacramento Counties.
 One-story frame and brick veneer school building.
 Owner—Center Joint School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Working Drawings Being Prepared.
SCHOOL BLDG. Cost, \$19,000

TEHAMA, Tehama Co., Cal.
 One-story frame and brick school building (2 classrooms, auditorium, rest rooms, first aid room, library, modernize plumbing, etc.)
 Owner—Tehama School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
 Plans will be ready for bids in 30 days.

DUNSMUIR, Siskiyou Co., Cal.—Dunsmuir Grammar School District votes direct tax of \$9000 to finance construction of 2-classroom addition to present school.

PRATT'S CONCRETE MIX

Clarence
by Sand
Pratt



NOTE:—Sandy reprints his "spring was good, many more said Sandy was a than writer.

poetry vintage of 1927." Some said it better sand, rock and gravel producer

AS MISS Spring is gone.

AND MR. Summer is here.

CLARENCE (SANDY) Pratt, President.

OF THE Pratt Building Material Co.

AND PRODUCER of clean sand.

AND HARD, crushed rock.

AND CLEAN gravel.

AT SACRAMENTO, Marysville.

PRATTROCK (NEAR Folsom.)

PRATTCO (Monterey County).

AND MAYHEW (Sacramento County).

WOULD LIKE to.

DESCRIBE SANDY'S clean materials.

AND "SAY it with flowers."

"SWEET WILLIAM" is the Superintendent.

AT SANDY'S Marysville plant.

AND "VIOLET" is the office girl.

"DAISY" LOST the job.

BECAUSE SHE went home.

AT "FOUR o'clock."

OUR SALESMEN wear "Bachelor Buttons."

AND OUR sand and rock washers.

ALL WEAR "Foxgloves."

TO KEEP our materials clean.

WHEN IT'S hot.

THEY ALSO wear "Sunflowers."

AND EAT "Ice Plant."

THEY FEED their children "Candy Tuft."

THE PASSWORD is "Morning Glory."

AND THE engineer at noon.

RINGS THE "Canterbury Bells."

AND "PANSY" serves SANDWiches.

AND "JY" clings.

SHE IS a Sutter County "Peach."

SHE WAS born in "Roseville."

EDUCATED IN "Larkspur."

AND "MARIGOLD" — married Gold (Smith).

"I THANK you."



Mr. Rabbit, greatest mathematician in the world, examining "Blackeyed Susan" at Prattrock, home of Sandy Pratt's crushed rock, washed gravel and sand producing plant. The Pratt Building Material Company's central office is at 518 Hearst Building, San Francisco.

Plans Being Completed.
SCHOOL Cost, \$53,000
SAN ANSELMO, Marin Co., Cal.
 One-story reinforced concrete school building (8 classrooms).
 Owner—San Anselmo School District.
 Architect—S. Heiman, 57 Post St., San Francisco.
 Bids will be taken in one week.

Planned
BUILDINGS Cost, \$125,000
FRESNO, Fresno Co., Cal. Thorne and McKinley Aves.
 Group of frame buildings (classroom bldg., physics, chemistry, laboratory and gymnasium bldgs.).
 Owner—Brothers of Mary (Brother Michael in charge).
 Architect—Not selected.
 The Brothers of Mary Order has branches and schools in San Jose, Stockton and San Francisco; in various other cities in the United States, and in many parts of Europe and the Orient.

FRESNO, Fresno Co., Cal.—The following contracts were awarded by the Board of Education to construct locker and shower building at Roosevelt High School:

General Construction—Shorb & Neads. at \$13,174.
Mill Work—Fresno Planing Mill Co., at \$228.

Glass and Glazing—Tyre Bros., at \$203.
Plumbing, Sewer Connections, Heating and Finish Hardware—Barrett-Hicks at \$5034.

Painting—James E. Harrison, at \$1443.
Electric Wiring and Fixtures—Robinson Electric Co. at \$2277.50.

Contracts for construction of a lavatory building at the Kirk School total \$7120 and were awarded as follows:
General—Shorb & Neads at \$4697.

Glass and glazing—Madary's Planing Mill at \$352.

Plumbing—Barrett-Hicks Co. at \$1374.

Painting—James E. Harrison at \$300.
Electric Wiring—Wessel Electric Co. at \$293.

Finish Hardware—Fresno Hardware Co. at \$110.

Contract for installing a thermostat heat control at the John Burroughs School was awarded to Barretts-Hicks Co. on a bid of \$813 and at the L. A. Winchell School to B. A. Newman Co. for \$765.

SACRAMENTO, Sacramento Co., Cal.—Until July 2, 1928, 5 P. M., bids will be rec. by Chas. C. Hughes, Secty. Board of Education of Sacramento City Junior College Dist., 21st and L Sts., Sacramento, for furn. chemistry and physics supplied and equipment f.o.b. Sacramento, for year July 1, 1928, to June 30, 1929. Further information obtainable from secty. Cert. check 10% req.

Specifications Being Written
SCHOOL Cost, \$60,000

MIRANDA, Humboldt Ct., Cal.

Two-story frame and stucco school bldg. Owner—Miranda High School District.

Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

Bids will be called for in one week.

OROVILLE, Butte Co., Cal.—The following contracts were awarded by Frank Boyle, County Purchasing Agent, for rural school supplies:

Play Ground Equipment—Wilson Western Sporting Goods Co., 155 9th St., San Francisco.

Art Supplies—Milton Bradley Co., 554 Mission St., San Francisco.

Janitor's Supplies—Hockwell Chemical Co., San Francisco.

General Supplies—Stationery Supply Corp., San Francisco.

COLUSA, Colusa Co., Cal.—Until June 15, 1928, bids will be rec. by I. C. Tolman, Clerk, Colusa Union High School, for shop supplies and equipment; lumber, Oregon pine list, hardwood list; chemistry apparatus; physics apparatus; biology apparatus; chemicals. Further information and list of supplies obtainable from clerk.

Completing Plans.
SCHOOL Cost, \$30,000 1st unit \$150,000 Completed

SAN LEANDRO, Alameda Co., Cal.

One-story 4-room brick school (1st unit of 20 rooms).

Owner—San Leandro School District.

Architect—Howard Schroeder, 354 Hobart St., Oakland.

Plans will be ready for bids the first week of July.

BEARDSLEY, Kern Co., Cal.—Until June 26, 8 P. M., bids will be received by A. E. Tieck, clerk, Beardsley School District, to erect 10-classroom and auditorium masonry school. Symmes and Cullimore, architects, 215 Haberfelde Bldg., Bakersfield. Separate bids are wanted for electric work and low pressure steam heating plant. Bids will be received at the offices of the architects and opened at the above stated time in the Beardsley school. Cert. check or bidder's bond of 10% payable to clerk req. with bid. Plans obtainable from architects on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

SEATTLE, Wash.—Until June 20, 11:30 A. M., bids will be received by Reuben W. Jones, Secty., Seattle School District No. 1, to fur. and del. manual training machinery. Lists of materials desired obtainable from above on request.

FRESNO, Fresno Co., Cal.—Until June 28, 5 P. M., bids will be received by L. L. Smith, Secty., Board of Education, 2425 Fresno St., (1) construct addition to T. L. Heaton school; (2) complete upper floor classrooms of John Burroughs school (3) complete two rooms, second floor, L. A. Winchell school. Bidder's bond or cert. check 10% req. with bid. Plans obtainable from secretary. See call for bids under official proposal section in this issue.

SEATTLE, Wash.—Hans Pederson, 1105 2nd Ave., Seattle, at \$404,500 submitted low bid for general contract to erect James Madison Intermediate school at 46th Ave., SW and W Hanford St.; 3-story and basement, fireproof construction. I. G. Navarre, 2200 1st St., Seattle, low on plumbing at \$28,247; Eckart Bros., Inc., 320 Westlake, Seattle, for heating and ventilating and J. J. Agutter & Co., 316 Seneca, Seattle, at \$19,945 for electrical work. F. A. Naramore, city school architect. Bids taken under advisement.

MERCED, Merced Co., Cal.—C. B. Cameron & Son, Merced, at \$12,620 awarded contract by Merced Union Grammar School District, to erect 3-classroom reinforced concrete addition to John Muir School. W. E. Bedesen, engineer, Shaffer Bldg., Merced. Other bids: C. R. Thompson, Merced, \$12,990; Line & Allen, Merced, \$12,969; Lambert & Wood, Fresno, \$14,250; W. R. Myers, Merced, \$15,000.

R. Barcroft & Son, Inc., Merced, at \$1300 awarded contract for extension of heating and ventilating plant in connection with the above addition. Other bids: Murray-Vincent Co., Merced, \$119; Nottingham Heating & Ventilating Co., Oakland, \$1688.

SALINAS, Monterey Co., Cal.—F. E. Carlson, Salinas, awarded contract at \$27,740 for a one-story class B Junior College building for the Salinas Junior High School District, from plans prepared by architect Ralph Wyckoff, Growers Bank Bldg., San Jose. Steam heating bids were rejected.

General Contract

F. E. Carlson, Salinas.....\$27,740
 Leibert & Trobeck, San Francisco 23,370
 Minton Co., Mt. View.....23,542
 J. H. Graham.....29,950
 W. F. Sechrest, Watsonville.....31,477
 J. W. Cobby & Son, San Francisco 31,700

Heating

Minton Co., Mt. View.....\$ 3,430
 P. J. Enright, San Francisco.....3,460
 Scott Co.....2,509
 O'Mara & Stewart, San Francisco 3,600
 Phillips & Phillips.....3,200
 Arbuckle Heating Co., Monterey... 3,661
 Thos. Kennedy, Martinez.....3,850
 Anderson Dougherty, Salinas.....3,977
 B. E. Underwood, Salinas.....4,295
 Knittle Bros., San Francisco.....4,391

BERKELEY, Alameda Co., Cal.—Until June 25, 8 P. M., bids will be received by Clara F. Enright, Secty., Board of Education, 2325 Milvia St., to fur. hardware for Vocational Departments of Berkeley High Schools for school year 1928-29. Specifications obtainable from secretary.

COWLITZ, Wash.—A. W. Quist Co., Hoge Bldg., Seattle, at \$110,000 has contract to erect 3-story and basement concrete school for St. Mary's Academy; will be 100 by 56-ft., with cream stucco exterior.

Completing Plans.
BUILDING Cost, Approx. \$500,000
BERKELEY, Alameda Co., Cal. University Grounds.

Two and one-half-story Class B reinforced concrete Agricultural Economics Bldg., to be known as "Giannini Hall."

Owner—University of California, (Gift of A. P. Giannini).

Architect—Wm. C. Hays, Crocker First National Bank Bldg., San Francisco

Contractor—P. J. Walker, Sharon Bldg., San Francisco.

Construction will not be started for about 90 days.

Plans Being Prepared
ALTER & ADDN. Cost, \$10,000
NORTH SACRAMENTO, Sacramento Co. Alterations and additions to North Sacramento and Hagginwood schools.

Owner—North Sacramento School Dist.

Architect—Coffman-Sahlgren and Stafford, Sacramento, Cal.

At the North Sacramento School it is planned to convert the present auditorium into two classrooms by means of a partition. The area now serving as a courtyard between the wings of the building will be made into an indoor gymnasium, basketball court and auditorium by means of a roof over the space. The alterations at the Hagginwood School will consist of repairs to the building and an increasing of the toilet facilities. Completion of this work depends upon direct tax election carrying, the election to be held June 29.

OAKLAND, Alameda Co., Cal.—Following contracts awarded by University of California for the construction of (a) poultry buildings; (b) superintendent's cottage; and (c) laboratory building in Strawberry Canyon, Oakland:

Poultry Buildings

Ben Pearson, 1808 Channing Way, Berkeley.....\$19,127
Superintendent's Cottage & Laboratory
 Herbert Henderson, 20 Avis Road, Berkeley.....\$ 6,835 and \$19,813

SANTA MARIA, Santa Barbara Co., Cal.—Until June 19, 7:30 P. M., bids will be received by M. M. Purkiss, to fur. and install heating plant in East Main Street school and additions and Fairlawn school. Louis N. Crawford, architect, Jones Bldg., Santa Maria. Cert. check 5% req. with bid. Plans obtainable from architect.

PINEDALE, Fresno Co., Cal.—Until June 20, bids will be received by G. M. Cobb, clerk, Pinerale School District, to erect structure adequate to house primary department. Further information obtainable from clerk.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

List of Prospective Bidders
SCHOOL BLDG. Cost, \$60,000
CLARKSBURG, Yolo Co., Cal.
 One-story frame and stucco high school
 (6 classrooms) and one-story frame
 and stucco gymnasium.
 Owner—Clarksburg Union High School
 District.
 Architect—Dean & Dean, California State
 Life Bldg., Sacramento.

Plans and specifications are on file in
 the office of **LARSEN'S ADVANCE CON-
 STRUCTURE REPORTS**, 545 Mission St.,
 San Francisco. Bids will be opened June
 20, 1928, 8 P. M. See call for bids under
 official proposals in this issue.

Chas. Unger, 4522 P St., Sacramento;
 Fred H. Betz, 1527 21st St., Sacramento;
 Herndon & Finnigan, 1814 17th St., Sacra-
 mento; Campbell Const. Co., 800 R St.,
 Sacramento; Holdener Const. Co., 2608 R
 St., Sacramento; D. W. Kopp, 1514 15th
 St., Sacramento; H. E. Vickroy, 1122 N
 Commerce St., Stockton; J. D. Motroni,
 Woodland; R. Christopher, 2426 F St.,
 Sacramento; H. W. Robertson, 2633 6th
 Ave., Sacramento; C. P. Bender, 1012 Del
 Paso Blvd., Sacramento; E. R. Hanisy,
 Sonora.

SAN FRANCISCO.—Board of Educa-
 tion will request the Board of Public
 Works to prepare plans for new Roose-
 velt school to be erected at Geary and
 Blake streets to replace structure de-
 stroyed by fire last year. Plans will prob-
 ably be prepared by the Bureau of Archi-
 tecture, Dept. of Public Works.

SAN FRANCISCO.—Until July 11, 3 P.
 M., bids will be received by Board of
 Public Works to erect Balboa Elementary
 School in area bounded by San Jose, Sen-
 eca and Delano Aves. Segregated bids
 are wanted for: (1) general construction,
 estimated cost \$70,000; (2) finish carpentry,
 \$12,000; (3) electric work, \$9500; (4)
 painting work, \$4500; (5) mechanical
 equipment, \$9000; (6) plumbing, \$7500.
 Plans obtainable from Bureau of Archi-
 tecture, 2nd floor, City Hall.

VALLEJO, Solano Co., Cal.—Board of
 Education will have plans prepared for
 a machine shop building for the high
 school. Construction will be carried out
 by the students. Elmer Cave is city
 supt. of schools.

OAKLAND, Alameda Co., Cal.—John E.
 Branagh, 184 Perry St., Oakland, at \$10,-
 583 submitted lowest bid June 12th to
 John W. Edgemond, Secty., Board of Ed-
 ucation, 211 City Hall, to erect additions
 to Cleveland School in Cleveland St. bet.
 Montclair and Athol Aves. Will comprise
 2 classroom additions.

Other bidders were:
 E. T. Lesure, Oakland.....\$11,167
 A. Frederick Anderson, Oakland.....11,432
 E. F. McIntyre, Oakland.....11,986
 J. F. Bishop.....12,137
 Geo. Swanstrom, Oakland.....13,047

EMERYVILLE, Alameda Co., Cal.—
 Until June 26, 4 P. M., bids will be rec.
 by R. S. Hawley, clerk, Emeryville School
 District, 47th and San Pablo Ave., to
 erect one-story addition in north side of
 41st St., east of San Pablo Ave., consist-
 ing of 3-classrooms and kindergarten and
 assembly rooms. Cert. check 10% pay-
 able to district req. with bid. Plans ob-
 tainable from clerk. See call for bids under
 official proposal section in his issue.

BANKS, STORES & OFFICES

Contract Awarded
BANK Cost, \$20,000
SAN FRANCISCO. Thirty-eighth Ave.
 and Balboa St.
 One-story frame and stucco bank bldg.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Bank of Italy
 Bldg., Eddy and Powell Streets, San
 Francisco.
 Contractor—Frank J. Reiley, 666 Mission.

LOS ANGELES, Cal.—The Central
 Realty Co., Loew State Bldg., has pur-
 chased the southeast corner of Ninth St.
 and Stanford Ave. and contemplates the
 erection of a six-story Class A reinforced
 concrete loft building. The property is
 80x100 feet. Architect W. Douglas Lee,
 Textile Center Bldg., will prepare the
 plans and erect the building.

Sub-Contracts Awarded
STORE BLDG. Cost, \$1,750,000
SAN FRANCISCO. NW O'Farrell and
 Stockton Sts.
 Eight-story and basement class A de-
 partment store building and five-story
 addition to present three-story bldg.
 Owner—O'Connor, Moffatt & Co., Post &
 Kearny Sts., San Francisco.
 Architect—Lewis P. Hobart, Crocker
 Bldg., San Francisco.

Contractor—Dinwiddie Construction Co.,
 Crocker Bldg., San Francisco.

Miscellaneous Iron—Monarch Iron Wks.,
 262 7th St.
Steel Sash—U. S. Metal Products Co., 330
 10th St.

Metal Partitions—D. A. Pancoast, 74 New
 Montgomery St.

Marble—Musto Sons - Keenan Co., 525
 North Point St.

Sprinkler System—Fire Protection Engi-
 neering Co., 369 Pine St.

Plumbing—W. F. Wilson Co., 242 4th St.

Heating and Ventilating—Herman Law-
 son, 465 Tehama St.

Electrical Work—Chas. Langley, 472 Te-
 hama St.

Metal Shoots—Haslett Spiral Shoot Co.,
 60 California St.

Freight Conveyors—Link Belt Meese
 Gottfried Co., 3100 19th St.

Hardware—Palace Hardware Co., 581
 Market St.

Clustering—A. Knowles, Call Bldg.

Calomine—Capitol Art Metal Co., 1129
 Howard St.

Mill Work—Pacific Mfg. Co., Monadnock
 Bldg.

Hollow Metal—Forderer Cornice Works,
 269 Potrero Ave.

Metal Windows—U. S. Metal Prod. Co.,
 730 10th St.

Painting—J. A. Mohr & Son, 433 11th St.

Glass & Glazing—W. P. Fuller Co., 301
 Mission St.

Elevators—Spencer Elevator Co., 166 7th
 Street.

Plans Being Figured.
STORE BLDG. Cost, \$25,000
LINCOLN, Placer Co., Cal.

One-story brick and hollow tile store
 building (4 stores).

Owner—Chamberlain Estates (Lee Cham-
 berlain).

Architect—Eugene Seadler, Mitau Bldg.,
 Sacramento.

Sub-Bids Being Taken.
ALTERATIONS Cost, \$—
SAN FRANCISCO. No. 30-34 Kearny St.

Alter ground floor and basement of
 present building for restaurant.

Owner—Tait's Coffee Shop, Phelan Bldg.,
 San Francisco.

Architect—Plans by Owner.

Contractor—Mullen Mfg. Co., 64 Rausch
 St., San Francisco.

LOS ANGELES, Cal.—Architect Harold
 S. Johnson, 1122 Story Bldg., applied for

building permit to erect a 13-story and
 basement Class A office building, 25x50

feet, at the southeast corner of 7th and
 Harlem Pl. for Metcalf & Ryan; \$125,000.

BEVERLY HILLS, Los Angeles Cal.—
 Fred R. Johnson, 101½ Wilshire Blvd.,
 Beverly Hills, submitted low bid for
 erecting a drive-in market building at
 the southeast corner of Caynon Dr. and
 Dayton Way, Beverly Hills, for Olive D.
 Wall; W. Asa Hudson and John R.
 Pederson, associate, architects, 1813
 Santa Monica Blvd., Beverly Hills; 143x
 100 feet; brick construction.

OAKLAND, Alameda Co., Cal.—See
 Apartments, this issue.

Sub-Bids Being Taken.
MARKET BLDG. Cost, \$50,000
BURLINGAME, San Mateo Co., Cal.

One-story basement and mezzanine floor
 concrete market building (55x190 ft.)

Owner—Alameda Market Corp.

Architect—Jos. L. Stewart, 703 Market
 St., San Francisco.

Contractor—R. W. Littlefield, 337 17th
 St., Oakland.

Construction has been started.

SAN FRANCISCO, Cal.—See Garages,
 this issue.

Contract Awarded
ALTER & ADDITIONS Cost, \$12,000
OAKLAND, Alameda Co., Cal. NO. 1960

Broadway.

Alterations and additions to store bldg.

Owner—Frank Werner Co., 1960 Broad-
 way, Oakland.

Architect—Ward & Blohme, 310 Sansome
 St., San Francisco.

Contractor—Bay City Cabinet Co., 1076
 5th St., Oakland.

MONTEREY, Cal.—Architect Paul A.
 Needham, 632 Petroleum Securities Bldg.,
 Los Angeles, is preparing preliminary
 plans for a 2-story class A store and
 studio building, to be erected on Main
 St. at Monterey; owner's name withheld.
 The building will contain 19 stores and
 shops and 2 studio apartments; reinforc-
 ed concrete construction, 80-ft. x 128-ft.

Contract Awarded.
OFFICE BLDG. Cost, \$40,000

STOCKTON, San Joaquin Co., Cal. N

Sutter Street, between Channel and
 Miner Sts.

Two-story brick store, office and garage
 building (steel girders).

Owner—Sutter Bldg., Corp.

Architect—Mayo & Bissell, 421 E-Miner
 St., Stockton.

Contractor—J. F. Shepherd, First Na-
 tional Bank Bldg., Stockton.

Construction will be started immed-
 iately.

OAKLAND, Alameda Co., Cal.—Wm. J.
 Burke, 200 Davis St., San Francisco,
 awarded contract to furnish Roos Col-
 umn Clamps in connection with one-story
 class A market building for Twentieth
 Century Market in course of construction
 in area bounded by 13th and 14th, Jeffer-
 son and Grove Sts. Maury I. Diggs, ar-
 chitect, Latham Square Bldg., Oakland.
 The structure is estimated to cost \$750,-
 000.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

ORANGE, Orange Co., Cal.—See Theatres," this issue.

Ready For Figures in Two or Three Days
OFFICE BLDG. Cost, \$200,000
Oakland, Alameda County, Calif. NW
Twenty-ninth and Summit Sts. (77x
102 feet).
Five-story class B reinforced concrete
medical building (40 offices).
Owner—Group of San Francisco business
men (names withheld).
Architect—Ashley, Evers & Hayes, 525
Market St., San Francisco.

PHOENIX, Ariz.—H. L. Simons of
Indianapolis, Ind., has leased property at
the northeast corner of Van Buren St.
and North 2nd Ave. which he will im-
prove with a 10-story store and office
building, according to reports. Mr. Sim-
ons is a building contractor and main-
tains his own architectural staff.

Plans Being Figured—Bids Close June 22.
AUTO BLDG. Cost, \$150,000
OAKLAND, Alameda Co., Cal. Broadway
and 29th St. (67,000 sq. ft.)
One-story class C and part class D auto
building (services plant and sales
room, 50x112 ft.)
Owner—Weaver-Wells Co., 3321 Broad-
way, Oakland.
Architect—Chas. W. McCall, 1404 Frank-
lin St., Oakland.
Structural Engineer—Harry Bolln, 1404
Franklin St., Oakland.
Bids are being taken for a general con-
tract.

Plans Being Figured
ADDITION Cost, Approx. \$40,000
SAN MATEO, San Mateo Co., Cal. 130
2nd St.
Three-story and basement class B reinf.
concrete addition to furniture store.
Owner—Penn. Furniture Shops, 130 2nd
St., San Mateo.
Architect—Edwards & Schary, 525 Mar-
ket St., San Francisco.
Bids are being taken for a general con-
tract.

Plans To Be Prepared
STORE BLDG. Cost, \$—
WOODLAND, Yolo Co., Cal. Main St.
Two-story concrete store building.
Owner—Chris Sieber, Woodland.
Lessee—Montgomery Ward & Co., Oak-
land.
Architect—Not Given.
Advisory Architect—R. G. De Lappe, 1017
Ray Bldg., Oakland.

OAKLAND, Alameda Co., Cal.—Follow-
ing bids rec. June 11, by G. B. Hegardt,
Secty., City Port Commission, 424 Oak-
land Bank Bldg., to erect restaurant
building at Municipal Airport. Will be
of frame and stucco construction; 73 by
78 feet. Bids taken under advisement
until June 18.
Grozin & Fourchy, 1428 Park St.,
Alameda \$16,665
Jensen & Pederson 18,110
A. Frederick Anderson, Oakland 18,475
E. T. Lesure, Oakland 19,522
David Nordstrom 19,980
A. Cederborg 20,493
Harry E. Kane 23,808
Geo. Swanstrom 24,059

OAKLAND, Alameda Co., Cal.—Follow-
ing bids rec. June 11, by G. B. Hegardt,
Secty., City Port Commission, 424 Oak-
land Bank Bldg., to construct additions
to Administration Building at Municipal
Airport. Will be one-story frame and
stucco construction, 42 by 62 feet. Bids
taken under advisement until June 18.
Grozin & Fourchy, 1428 Park St.,
Alameda \$ 7,858
Jensen & Pederson, Alameda 8,440
A. Frederick Anderson, Oakland 8,974
E. T. Lesure, Oakland 9,319
Geo. Swanstrom, Oakland 10,355
A. Cederborg 10,392

BEVERLY HILLS, Los Angeles Co.,
Cal.—Fred R. Johnson, 101½ Wilshire
Blvd., Beverly Hills, was awarded con-
tract for erecting a drive-in market bldg.
at SE corner Canyon Dr. and Davton
Way, Beverly Hills, for Olive D. Wall;
W. Asa Hudson and John P. Pederson
associate architects, 1813 Santa Monica
Blvd., Beverly Hills; 143x100 feet; brick
construction, cement floors and driveways;
hand made tile roofing.

FORT MASON, San Francisco, Cal.—
See "Government Work," this issue.

FRESNO, Fresno Co., Cal.—R. A. Bur-
ton, 1305 Iowa St., Fresno, will erect a
one-story brick store at NE North First
and Iowa Sts. for lease to the Fresno
Drug Co. Will have 60-ft. frontage; esti-
mated cost \$10,000.

General Contract Awarded
OFFICE BLDG. Approx. Cost, \$170,000
Total cost approx. \$200,000
RENO, Nevada. First and Center Sts.
Three-story and basement steel and re-
inforced concrete telephone exchange
and office building (brick and terra
cotta exterior, 55x115 feet).
Owner—Bell Telephone Co.
Architect—Eng. Dept. of Owner, 140 New
Montgomery St., San Francisco.
Contractor—Monson Bros., 475 6th St.,
San Francisco.
Contract does not include structural
steel which was previously reported
awarded to California Steel Co., Hobart
Bldg., San Francisco.

BAKERSFIELD, Kern Co., Cal.—Gil-
bert H. Bessemeyer, Hollywood capi-
talist and head of statewide building
and loan interests, has purchased the
Citizens Land & Loan Company build-
ing in Chester Ave., and will completely
remodel the present building or wreck
it and erect a modern structure. The
property was sold for approx. \$100,000.

THEATRES

ORANGE, Cal.—John Paxton Perrine,
717 Lincoln Bldg., Los Angeles, is pre-
paring working plans for the completion
of a Class C theatre building partially
constructed at the corner of La Salle and
Maple Sts., Orange, for M. Eltiste; the
building will have a seating capacity of
1100 people with balcony and will also
contain 2 stores and 2 double apartments;
work was stopped on the building about
three years ago when about 40% com-
pleted, the walls are up and the rough
lumber is in place. The plans which Mr.
Perrine is preparing utilizes the work
which has been done. Cost \$100,000.
General bids will be taken.

Plans Being Completed.
THEATRES Cost, \$50,000
SAN FRANCISCO. Location Withheld.
Three one-story reinforced concrete thea-
tre buildings (seating capacity 300).
Owner—Withheld.
Architect—Willis Lowe, 354 Hobart St.,
Oakland.
Bids will be taken in two weeks.

Permit Granted.
THEATRE Cost, \$40,000
CORNING, Tehama Co., Cal. No. 1217-
19 Solano Street.
Modern theatre building.
Owner—W. F. Rodgers, Mgr. Maywood
Opera House, Corning.
Plans by Owner.

PORTLAND, Ore.—L. H. Hoffman, Pub-
lic Service Bldg., Portland, at approx.
\$150,000 awarded contract by J. J. Park-
er, owner, to remodel Majestic Theatre
at NE Washington and Park Sts., to be
leased by the United Artists Ass'n. Bennes
and Herzog, architects, Chamber of Com-
merce Bldg., Portland. Will involve new
steel girders in balcony; rearranging for
offices and lobby, etc.

SIERRA MADRE, Los Angeles Co., Cal.
—S. C. Cowell, 913 W 84th St., Los An-
geles, has prepared plans for a two-story
class C theatre, office and store building
to be erected on West Central Ave., Sierr-
a Madre, for W. J. Myers. It will con-
tain two stores, eight offices and a thea-
ter auditorium to seat 500 people; the
building will be brick construction, 75x117
ft., stucco front, plate glass, composition
roof, pine trim, gas heating, etc. Bids
are being taken by the owner.

VENTURA, Ventura Co., Cal.—Until 10
A. M., July 3, bids will be received by
the board of supervisors of Ventura
for the construction of Casitas bowl
in Foster Park, Ventura. Bids will be
taken separately on the seating section
and the stage section. The construction
will be of reinforced concrete. Plans may
be obtained from Roy C. Wilson, archi-
tect, Santa Paula.

LOS ANGELES, Cal.—Architect S.
Charles Lee, 531 Petroleum Securities
Bldg., is preparing working plans for the
reconstruction of a two-story Class C
theatre building at 523 S. Broadway for
H. L. Gumbiner, the present building,
which is 2 stories, 50x150 feet, will be
entirely reconstructed and only the shell
will be used, the new building having a
seating capacity of 900 people with rest-
rooms, offices, etc. Cost \$150,000. Bids
will be taken on general contract about
June 20th.

WHARVES AND DOCKS

OAKLAND, Alameda Co., Cal.—Follow-
ing bids rec. June 11, by G. B. Hegardt,
Secty., City Port Commission, 424 Oak-
land Bank Bldg., to fur. and install com-
plete automatic sprinkler system, fire
protection and domestic water supply at
Grove Street Pier Shed at foot of Grove
Street. Bids were taken under advise-
ment until June 18.

Mechanical Const. Co., 83 Shipley St.,
San Francisco, (A) \$15,460; (B) \$22,780;
(C) \$37,200.

Latourette-Fical Co., San Francisco,
(A) \$16,593; (B) \$21,987; (C) \$37,983.

Globe Automatic Sprinkler Co., 440
Howard St., San Francisco, (A) \$16,800;
(B) \$22,731; (C) \$39,531.

Automatic Sprinkler System of Amer-
ica, 519 California St., San Francisco, (A)
\$19,792; (B) \$23,664; (C) \$42,456.

Martin Murphy, (A) \$20,400.
Fire Protection Eng. Corp., San Fran-
cisco, (B) \$24,820.

Carl T. Doell, Oakland, (A) \$32,956.
Western Automatic Sprinkler Co., Inc.,
114 Sansome St., San Francisco, (C) \$36,-
242.

Grinnell Co. of the Pacific, San Fran-
cisco, (C) \$39,789.

Turner Co., San Francisco, (C) \$43,505.

LONG BEACH, Cal.—Plans for the
new horseshoe pier to be built to en-
circle city tidelands have been completed
in the office of City Engineer Arthur A.
Adams. The new breakwater pier is to
be built in a semi-circle from Pine Ave.
to Linden Ave., providing a 1400-ft.
drive into the ocean, enclosing 30 acres of
still water for bathing and boating.

SACRAMENTO, Cal.—M. A. Jenkins,
36th and Y Sts., Sacramento, at \$3267
awarded contract by city to drive test

'Gold Medal' Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

piles on site of proposed new units to filtration plant. Informal bids were taken.

OAKLAND, Alameda Co., Cal.—Latourette-Fical Co., 57 Clementina St., San Francisco, at \$3,897 submitted low bid June 11, to G. B. Hegardt, Secty., Board of Port Comm., City of Oakland, for furnishing materials and labor and installing electric wiring for light and power at hangar No. 3 at Oakland Municipal Airport.

Other bidders were:
Advance Elec. Co., Oakland.....\$4,370
Scott-Butner Elec. Co., Oakland.....4,449
B. R. Fritz Elec. Co., Oakland.....4,800
Bids were taken under advisement until June 18.

MISCELLANEOUS BUILDING CONSTRUCTION

SEATTLE, Wash.—Until June 20, a A. M., bids will be received by Allen Erickson, chief clerk, City Park Commission, 2334 Fourth Ave., to fur. and place 1500 ft. 7-ft. chain link fence at Municipal Zoo. Plans obtainable from clerk on deposit of \$2.

Award
CHAPEL, ETC. Est. Cost, \$54,000
OAKLAND, Alameda Co., Cal. 18th and Grove Sts.
Two-story hollow tile Class C chapel and undertaking parlor.
Owner—V. C. Pagorifio & Lewis, 952 8th St., Oakland.
Architect—Harris Allen, 1924 Broadway, Oakland.
Contractor—M. E. Valente, 5118 Clarke St., Oakland.

NORTH SACRAMENTO, Cal.—Wood Lake Swimming Club has raised \$3500 to finance construction of an outdoor swimming pool and construction will be started shortly. Will be 49 by 80-ft. Building committee consists of A. W. Sweet, H. M. Doty, W. K. Reed, J. F. Anderson and O. A. Tucker.

Plans Being Completed.
INFANT SHELTER Cost, \$125,000
SAN FRANCISCO. Ortega Street and Nineteenth Avenue.
Two-story frame and stucco infant shelter building.
Owner—S. F. Infant Shelter (Mrs. Randolph V. Whiting, chairman).
Architect—Louis C. Mullgardt, 641 Post St., San Francisco.
Bids will be taken in about one week.

Planned.
MAUSOLEUM Cost, \$100,000
BAKERSFIELD, Kern Co., Cal. Baker and Potomac Streets.
Reinforced concrete mausoleum, with interior of marble and bronze.
Owner—T. L. De Cew.
Architect—Ntone.

The mausoleum will be approximately 70 feet deep and 135 feet wide. Mr. De Cew explained. When completed it will contain a pipe organ, chapel and grotto.

Plans Ready For Bids In Two Weeks.
RECREATION BLDG. Cost, \$40,000
SALINAS, Monterey Co., Cal. Main and Monterey Sts.

One and part two-story brick recreational building (bowling alley and billiard room).
Owner—Syndicate of Los Angeles men.
Architect—Mayo & Bissell, 421 E-Miner St., Stockton.

YREKA, Siskiyou Co., Cal.—Albert Young, Yreka, at \$19,000 awarded contract by June J. Neilson, county clerk, to erect grandstand, dance hall and exhibition rooms at county fair grounds near Yreka for Tenth District Agricultural Association of California. Following is a complete list of bids:

Alt. 1, original plans; Alt. 2, ded. for one bay less than plans:
Albert Young, Yreka, (1) \$21,854; (2) \$19,000.
Fred P. Hart, Montague, (1) \$21,250; (2) \$19,895.
D. M. Reid, Yreka (1) \$21,360; (2) \$19,120.
Leslie Allen, Yreka (1) \$21,925; (2) \$—
J. P. Brennan, Dunsmuir or Redding, (1) \$26,300; (2) \$—

BAKERSFIELD, Kern Co., Cal.—Until 10 A. M., June 25, bids will be received

by the board of supervisors of Kern County for furniture and supplies, including interior drapes, office equipment, floor covering, directors' room furniture, etc., for the new chamber of commerce building at the county fair grounds. Specifications may be obtained from the secretary of the chamber of commerce, Bakersfield.

Sub-Bids Being Taken
MAUSOLEUM Cost, \$125,000
LODI, San Joaquin Co., Cal. Lodi Memorial Cemetery.

Reinforced concrete mausoleum, interior of marble and bronze.
Owner—North American Mausoleum Association.

Architect—Jens C. Petersen, California State Life Bldg., Sacramento.
Contractor—McGillivray Const. Co., Folsom Blvd., Sacramento.

Sub-bids are being taken on bronze doors, bronze sash, marble, tile roofing, art glass, plate glass and electrical fixtures.

COMPTON, Los Angeles Co., Cal.—Chas. M. Fink, 811 Coronado St., Long Beach, was awarded general contract for erecting a reinforced concrete addition to the mausoleum at Compton near the Angeles Mausoleum So.; plans by Clarence N. Aldrich, 1834 Dawson Ave., Long Beach; 1632 crypts; 1-story, 183x56 feet; composition roofing, terrazzo floors, steel sash, marble, bronze, tile and wrought iron work; \$100,000. Mr. Aldrich will take bids on marble, art glass and skylights as the work progresses.

TULARE, Tulare Co., Cal.—Until June 20, bids will be received by city council for lights for the Tulare Municipal Airport, in accordance with specifications which may be obtained from the city clerk, C. W. Cobb.

OAKLAND, Alameda Co., Cal.—Until June 19, 8:30 P. M., bids will be received by Walter S. Chandler, Secty., Park Commission, 407 City Hall, to supply toilet fixtures. Bond of \$300 required of successful bidder. Cert. check 10% payable to City Clerk req. with bid. Specifications obtainable from secretary.

FORT MASON, San Francisco, Cal.—See "Government Work," this issue.

Completing Plans—Ready For Bids In Ten Days.

GROUP OF BLDGS. Cst. Approx. \$35,000
WOODLAND, Yolo Co., Cal. Davis Wye.

Group of 4 or 5-story concrete buildings, (service station, garage, cafe and several dwelling houses will be erected, the latter to house six employees to be kept at the station).

Owner—Pickwick Stage Co. (E. J. Thompson), 75 Fifth St., San Francisco.

Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco.

AUBURN, Placer Co., Cal.—City Street Superintendent Chester Gwynn in report to city trustees estimates cost of grade airport site at \$11,000. It is proposed to lease the site to the Government. Bonds will probably be voted to finance.

BUSINESS OPPORTUNITIES

Representative Wanted

Hayes Equipment and Manufacturing Co., Wichita, Kansas, (Attention E. P. Hayes, general manager), manufacturers and distributors of visible gasoline pumps air compressors and filling station equipment of all kinds, is anxious to get in touch with a San Francisco firm which would handle their products as factory distributors.

Building Materials

Societe Cooperative pour le Commerce Exterior, 6, Grand Place, Brussels, Belgium, specializing in the export of building materials, wall and floor tiling, natural and artificial slates, ferrous metals, glassware, crockery, marble and kindred articles, are interested in selling to foreign markets and are open to quote c.i.f. prices to any desired destination.

Want Representative

Societe Francaise de L'Everite, 11-15 Ave. du Pres, Wilson, Plaine St. Denis (Seine), France, manufacturers of asbestos cement shingles and corrugated asbestos cement roofing sheets, desire to

appoint a San Francisco representative for the sale of such products in this district.

Wants Scrap Steel

George R. Drever and Co., (Geo. R. Drever), Marion Bldg., Seattle, Wash., exporters and manufacturers' agents, have connections with a firm in the Orient that desires to purchase 1,000 tons or more of scrap iron (Japan specifications), each month. The company wishes to hear from San Francisco shippers interested.

BUILDING CONTRACTS FRESNO COUNTY

RECORDED

RESIDENCE
LOT 303, F-G, F G Sub. No. 1, Fresno; all work on residence.
Owner—Fred Baruch Jr., Pacific SW Bldg., Fresno.
Architect—Chas. E. Butner, Cory Bldg., Fresno.

Contractor—Lambert and Wood.
Filed June 5, 1928. Dated June 4, 1928.
Roof on.....\$1,410
Plastering completed.....1,410
Balance upon completion.....2,820
TOTAL COST, \$5,640
Bond, \$5,640. Sureties, U. S. Fidelity & Guaranty Co. Plans filed.

BUILDING PERMITS FRESNO

DWELLING, \$2500; 431 Tuolumne St., Fresno; owner, Joe Feramisco, 312 Hawes, Fresno; contractor, Frank Santo.
DWELLING, \$2800; No. 2190 Eunice St., Fresno; owner, Peter Herstine; contractor, Karl Glein Jr.
BAKERY, \$2800; No. 1438 Ventura St., Fresno; owner, P. Adlew, 561 F St., Fresno.
RESIDENCE, 6-room and garage, \$4500; No. 3940 I St., Sacramento; owner, John Fernandez, 3040 1/2 33rd St., Sacramento.
REMODELING, \$15,000; No. 191 1/2 6th St., Sacramento; owner, C. W. Hagerman, 1370 Taylor St., San Francisco; contractor, C. J. Hopkinson, 1810 28th St., Sacramento.
RESIDENCE, 6-room and garage, \$5000; No. 1800 11th Ave., Sacramento; owner, D. L. Burnam, 1614 22nd St., owner, D. L. Burnam, 1615 22nd St., erson, 4530 Parker Ave., Sacramento
RESIDENCE, 5-room and garage, \$3500; No. 2600 Marty Way, Sacramento; owner, G. O. Griffith, 4215 12th Ave., Sacramento.

COMPLETION NOTICES FRESNO COUNTY

Recorded Accepted
June 4, 1928—N SIDE TRACK near Ashland Ave., Fresno. Southern Pacific Co. to J. M. Veach.....May 25, 1928
June 5, 1928—LOTS 13 to 16 BLK 5, Clovis. Di Donato to whom it may concern.....June 4, 1928
June 5, 1928—LOTS 6-7 E 15th ft. LOT 8 BLK 1, Zappas Park No. 2. O. R. Taylor to whom it may concern.....May 23, 1928
June 6, 1928—LOTS 17, 18 BLK 5 Sierra Vista Addn., Fresno. George W. Dart to whom it may concern.....June 6, 1928
June 6, 1928—LOTS 17, 18 BLK 4 Sierra Vista Addn., Fresno. Geo. W. Dart to whom it may concern.....June 6, 1928
June 9, 1928—LOT 16 BLK 3 Highland Park, Fresno. C. E. Millhollen to whom it may concern.....June 8, 1928
June 9, 1928—LOT 14 Normal Heights, Fresno. Irene J. Weyland to whom it may concern.....June 1, 1928
June 9, 1928—TUBERCULOSIS SANITARIUM on pt of Secs. 31, 32, 9-23. Fresno County to Victor J. Cox.....June 6, 1928

LIENS FILED FRESNO COUNTY

Recorded Amount
June 5, 1928—LOTS 22, 24 BLK 54, K. B. Heights, Fresno. L. Russo vs Joe Vercellini.....107
June 5, 1928—LOTS 7, 8 GRAFF TERRACE, Fresno. Moiser Bros. Lumber Co. vs Arthur S. Boothe.....\$467
June 7, 1928—LOTS 1 AND 2 BLK 3, Sierra Vista Addition, Fresno. M. Kellner & Son Lumber Co vs Win Smith.....\$466

Engineering News Section

BRIDGES

EUGENE, Ore.—See "Power Plants", this issue.

VENTURA, Ventura Co., Cal.—Until 10 A. M., July 3, bids will be rec. by county to reconst. Willard Bridge at Santa Paula, consisting of seven spans each 90 ft. long, the south panel of Span No. 2 and all necessary foundation work, involv.: 320 cu. yds. class A conc. in piers; 12 30-ft. conc. piers; 98,000 lbs. struct. steel in 7 spans; 11,200 lbs. reinf. steel; 59,000 ft. B. M. creosoted timber in 7 spans; 84,700 ft. B. M. uncreosoted timber in 7 spans; 330 lbs. bolts for fence; 35 squares asbestos roofing, 2-ply; 11,565 sq. ft. asphaltic concrete; 35 squares asbestos roofing felt. Plans obtainable from county surveyor, Chas. W. Pettit. Cert. check, 10%. L. E. Hallowell, clerk.

SAN JOSE, Santa Clara Co., Cal.—Until June 18, 5 P. M., bids will be rec. by C. B. Goodwin, city manager, to const. reinf. conc. bridge across Penitencia Creek in Alum Rock Park. Cert. check 10% payable to city req. with bid. Plans obtainable from city clerk on deposit of \$5, of which \$2.50 is returnable. Wm. Popp, city engineer.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to const. reinf. conc. bridge at Wilson Ave., Novato, involv. 20 cu. yds. class A conc. in place; 3,900 lbs. reinf. steel in place. Plans obtainable from County Surveyor Rodney Messner.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to const. reinf. conc. bridge at Gambinini Ranch on Salmon Creek Road in Road Dist. No. 4, involv. 87 cu. yds. A conc.; 10,600 lbs. reinf. steel. Plans obtainable from County Surveyor Rodney Messner.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to const. reinf. conc. bridge over Nicasio Creek, 3.4-miles south of Nicasio, involv. 320 cu. yds. A conc.; 45,000 lbs. reinf. steel; 53 lin. ft. 18-in. corr. metal pipe. Plans obtainable from County Surveyor Rodney Messner.

PLACER COUNTY, Cal.—Until July 5, 1928, 2 P. M., bids will be rec. by State Highway Comm. to construct three reinf. concrete girder bridges across South Fork of Yuba river at point about 2½, 3 and 5½ miles east of Cisco, each bridge consisting of two 28-ft. spans on conc. bents and abutments with wing walls. See call for bids under official proposals in this issue.

PLACER COUNTY, Cal.—Nelson Bros., Escalon, submitted low bid June 7th, to C. H. Sweetser, Dist. Eng. U. S. Bureau Public Roads, 461 Market St., San Francisco, to const combined bridge and overpass between St. 249 plus 00 and Sta. 253 plus 00, on Tahoe City-Truckee section of Route 30, Truckee-National Forest Highway, involv. 1320 cu. yds. excavation, unclassified; 370 cu. yds. excavation, structure; 2100 sta. yds. overhaul; 330 cu. yds. A conc. (sub-structure); 260 cu. yds. D conc. (super-structure); 5000 lbs. reinf. steel; 336 lin. ft. bridge handrail; expansion rockers.

Other bidders were: Otto Parlier, Tulare, \$24,001.50; Coolidge & Scott, Linden, Nevada, \$24,710.40; McDonald & Maggiori, Sausalito, \$25,194. Engineer's estimate, \$24,951.50.

EUREKA, Humboldt Co., Cal.—Fred J. Maurer & Son, Inc., at \$41,138 (alt. bid) awarded cont. by county to const. reinf. conc. bridge over North Fork of Mad River at Korbelt. Complete bid listing

follows: Fred J. Maurer & Son (a) regular bid, \$31,362; (b) alt. bid, \$41,138; H. G. Padgett, Fields Landing (a) \$39,716, (b) \$42,673; Mercer-Fraser Co., Eureka (a) \$43,500, (b) \$49,500; Smith Bros., Eureka (a) \$49,000; (b) no bid.

EUREKA, Humboldt Co., Cal.—County rejects bids rec. June 12 to widen Jacoby Creek bridge on co. rd. near Bay-side in Rd. Dist. 5 and new bids will be asked. Bids were: A. C. Johnson, \$2675; Maurer & Son, Inc., \$3470; Padgett, \$3195—all bidders of Eureka.

SANTA ROSA, Sonoma Co., Cal.—Until June 28, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to const. 3 reinf. conc. culverts in 2nd Supervisorial District, involv. 120 cu. yds. "A" conc.; 8000 lbs. reinf. steel; 120 cu. yds. excavation; 120 cu. yds. fill. Est. cost \$3600. Plans obtainable from County Surveyor E. A. Feugh.

OAKLAND, Alameda Co., Cal.—The following bids were received by Frank C. Merritt, city clerk, to construct underpass at crossing of Thorn Road with right-of-way of San Francisco-Sacramento Railroad:

M. B. McGowan, 74 New Montgomery St., San Francisco.....	\$ 5,900
R. S. McIntyre, Oakland.....	6,534
Welch, Oakland.....	7,000
A. W. Kitchen, San Francisco.....	7,777
Schuler & McDonald, Oakland.....	11,573

Bids taken under advisement.

FRESNO, Fresno Co., Cal.—County Supervisors appropriate \$1500 to finance repair of bridge over San Joaquin river above Power House No. 1 of San Joaquin Light & Power Co. Chris. P. Jensen, county surveyor.

LAKE COUNTY, Cal.—Following bids rec. June 13 by State Highway Comm. to const. reinf. conc. girder bridge consisting of eight 57-ft. spans on conc. piers and abutments over Cache Creek about 36 miles west of Williams:

Otto Parlier, Tulare.....	\$53,715
McDonald & Maggiori, Sausalito.....	56,820
M. B. McGowan, San Francisco.....	62,750
Geo. J. Ulrich Const. Co., Modesto.....	64,600
Chas. and F. W. Steffgen, San Diego.....	76,771
Engineer's estimate.....	69,780

DREDGING, HARBOR WORKS AND EXCAVATIONS

STOCKTON, San Joaquin Co., Cal.—Spec. for Stockton deep water project are being completed and bids will be asked about July 1, according to Major C. S.

Ridley, district chief engineer, U. S. Army, San Francisco. Bids will be asked first for the levees. For the first year's work the Government has provided \$325,000.

LOS ANGELES, Cal.—Merritt-Chapman & Scott Corp., San Pedro, was awarded the contract by the Los Angeles Harbor Commissioners at \$27,320 for shoal dredging in various berths at the Los Angeles harbor at San Pedro.

WATSONVILLE, Santa Cruz Co., Cal.—Eng. Robt. Easley, Antioch, will have charge of constructing levee one mile long along Pajaro River. Business men of Watsonville will underwrite the project.

SAN FRANCISCO—Creation of a \$1,500,000 Islais Creek assessment district to reclaim mud flats adjoining Islais Creek will be voted by the Board of Supervisors, June 18. The project contemplates dredging Islais Creek to a maximum depth of 42 feet and filling 280 acres of mud flats, abandonment of small existing streets and construction of new streets and sewers.

BENICIA, Solano Co., Cal.—Dutton Dredge Co., Mills Bldg., San Francisco, awarded contract by city council at 15½¢ per cu. yd. for filling streets and alleys of Benicia Reclamation Dist. John J. O'Grady, City Clerk. F. A. Steiger, eng., Courthouse, Fairfield.

IRRIGATION PROJECTS

WESTLEY, Stanislaus Co., Cal.—Until July 14, 1928, 2 P. M., bids will be rec. by Eldridge Smith, Secty. Board of Directors West Stanislaus Irrigation Dist., for fur. 17 electrically driven pumping units, 11 discharge pipes and valves for future pumps, 6 outdoor switch structures and 18 transformers. W. F. Woolley, Patterson, engineer. Plans and spec. on file at "LARSEN'S ADVANCE CONSTRUCTION REPORTS," 545 Mission St., San Francisco, or may be obtained from Engineer's office or District's office on deposit of \$10. See call for bids under official proposals in this issue.

MODESTO, Cal.—Until 2 P. M., July 2, bids will be received by Modesto Irrigation District for furnishing and delivering high voltage power transformers. Bids will be received for 4-1667 K. V. A. outdoor type transformers for operation at 66,000 volts Star to 11,500 volts Delta. Certified check or bond, 10%. C. S. Abbott, secretary.

WOODBRIDGE, San Joaquin Co., Cal.—Woodbridge Irrigation District awards cont. to Ed. Spiekerman, Lodi, at \$2.20 lin. ft. for 36-in. reinf. conc. pipe and at cost plus 10% for trench and backfill in connection with conc. siphon under Pixley slough. All other work for which bids were asked (as more fully described in our issue of May 4) will be done by the district forces. Only one bid was received for this work due to scattered locations.

WOODBRIDGE, San Joaquin Co., Cal.—Bids will be asked at once by Olla L. Strother, Secty., Woodbridge Irrigation District, Main and Indiana Sts., Woodbridge, to fur. materials for construction in the district, including lumber, cement, rock and reinforcing steel. Further information on this project will be published shortly.

LIGHTING SYSTEMS

TULARE, Tulare Co., Cal.—R. E. Rounsaville of Tulare at \$6,100 awarded contract by City Council (132) to install ornamental electrolier system in portions

The **HARD BOILED HAT** is made of fiber, to resist objects falling on the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 WEstmore 4179

of Inyo, L. King and K Sts., involv. 28 standards with underground system. Standards of Union Metal Mfg. Co., design 1891. Only other bid from R. A. Wattson, Los Angeles, at \$6,570.

SANTA ROSA, Sonoma Co., Cal.—Until June 19, 1928, 8 P. M., bids will be rec. by C. B. Reid, city clerk, for (1437) to imp. Mendocino Ave. from pt. 60 ft. north of College Ave., south of 4th St., portions of Exchange Ave., Hinton, 3rd and Main Sts., involv. 75 ornamental electrolier standards with underground system. Union Metal Mfg. Co. standards, Design No. 807. Cert. check 10% req. Plans and spec. obtainable from clerk.

HANFORD, Kings Co., Cal.—Property owners petition city council to install ornamental street lighting system in Lacey Blvd., bet. North Irwin St. and city limits. Est. cost \$7980.

BAKERSFIELD, Kern Co., Cal.—Bids are being rec. (date not set) by Vance Van Riper, city clerk, to fur. and instal. 116 electroliers together with underground system in 17 blocks in Eighteenth St.; est. cost \$28,000. W. D. Clarke, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Until June 28, 12 noon, bids will be rec. by W. S. Coulter, county clerk, to const. street lighting system at Courthouse. Est. cost \$3000. Plans obtainable from County Surveyor E. A. Peugh.

CHICO, Butte Co., Cal.—City contemplates purchase of privately owned street lighting system with a view to operating same as a municipal project. Ray Witt, city eng., is preparing data covering proposed purchase.

SAN LEANDRO, Alameda Co., Cal.—Proceedings will be started at once for ornamental street lighting system in Cambridge Ave.; Union Metal standards, 14-ft. 6-in. high.

SAN ANSELMO, Marin Co., Cal.—City conferring with P. G. and E. Co. regarding installation of new lighting system in down town district.

LOS BANOS, Merced Co., Cal.—City declares inten. (251) to install ornamental street lighting system comprising 91 conc. electroliers with underground system, switch-house, etc., in Eye St., bet. 4th St., and east city boundary and in 6th St., bet. H and N Sts., 1911 Act, Bond Act 1915. Protests June 27. V. G. Bryant, city clerk

MACHINERY AND EQUIPMENT

SEATTLE, Wash.—Until June 20, 11:30 A. M., bids will be rec. by Reuben W. Jones, Secty., Seattle School District No. 1, to fur. and del. manual training machinery. Lists of materials desired obtainable from above on request.

MARYSVILLE, Yuba Co., Cal.—Election will be held June 27 in New England Union School District to vote direct tax of \$3000 to finance purchase of new school bus. Anna J. McGowan, Ruth R. Beeson, Jane W. Hunt, Jesse R. Beeson and Paul Erickson are trustees of the district.

CHICO, Butte Co., Cal.—Until June 21, 5 P. M., bids will be rec. by Chas. H.

Camper, Secty., Chico High School Dist., for purchase of Dodge-Graham passenger bus, seating 40 passengers and no longer required by the district. Bids under \$1,500 will not be considered. Further information obtainable from secretary.

CHICO, Butte Co., Cal.—Until June 25, 8 P. M., bids will be rec. by Mrs. Nellie M. Churchill, clerk, Shasta Union School District, to fur. and del. one school passenger bus; Dodge-Graham type chassis or equal, 40-passenger capacity. Further information obtainable from clerk.

ORLAND, Glenn Co., Cal.—Until June 22, 8 P. M., bids will be rec. by E. W. Parkin, city clerk, to fur. and install Deisel-driven generating plant for operation of electrolier system; estimated cost \$7,000. Specifications on file in office of clerk.

CALISTOGA, Napa Co., Cal.—City contemplates purchase of a two, three or five-ton winch. Catalogs and prices are requested.

OAKLAND, Cal.—City rejects bids to fur. street sweeping machine and same will be purchased in the open market by Commissioner W. H. Parker. An appropriation of \$7000 is available for the purchase.

ONTARIO, Cal.—Until 8 P. M., June 18, bids will be rec. to fur.: one new three-wheel road roller, one road grader, one asphaltic street patching kettle, one Holt 20 caterpillar tractor. Spec. obtainable from city eng. Certified check or bond 10%.

REDWOOD CITY, San Mateo Co., Cal.—Until June 18, 1928, 8 P. M., bids will be rec. by W. A. Price, Town Clerk, for:

Bids No. 1.—(1) deep well turbine pump to be fur. and installed in open, bored well (12) in. in diam., capable of del. 300 G P M against a total head of 350 ft. with 140 ft. of discharge column, tube line and driving shaft, and 20 ft. of suction pipe; also fur. and install 1 40 HP. vertical type elec. motor 220 volt, 3 phase, 60 cycle, direct connected to pump.

Bid No. 2.—1 turbine pump to be fur. and installed in open bored well 12 inches in diam. capable of del. 300 GPM against a total head of 185 ft., with 140 ft. of discharge column, tube line and driving shaft, and 20 ft. of suction pipe; also (1) vert. type elec. motor 220 volt, 3 phase, 60 cycle, direct connected to pump. Also fur. and install one 4-in. horizontal double suction, split shell centrifugal pump direct connected to 1 25 HP. elec. motor 220 volt 3 phase 60 cycle—pump to be capable of delivering 300 GPM against a total head of 200 ft. Additional information obtainable from City Eng. Cert. check 10% required.

STOCKTON, San Joaquin Co., Cal.—Until June 27, 1928, 7:30 P. M., bids will be rec. by Ansel S. Williams, Clerk, Stockton High School Board, San Joaquin and Lindsay Sts., Stockton, to fur. one high school lathe. Check \$50 req.

LODI, San Joaquin Co., Cal.—Until June 25, 5 P. M., bids will be rec. by J. F. Blakely, city clerk, to fur. and del. one power lawn mower, 24-in. cut; engine 2-cycle type, gear drive to both reel and traction; roller, gears operating in oil, separate reel and traction clutches independent of each other,

sharpening devices a component part of the machine. Further information obtainable from clerk.

FIRE EQUIPMENT

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—American Rubber Mfg. Co., Oakland, awarded cont. by city to fur. and del. fire hose; 60c ft. for 2000 ft. 2½-in., 44c ft. for 500 ft. 1½-in.

ALHAMBRA, Los Angeles Co., Cal.—The \$100,000 bond issue for fire stations and fire fighting equipment was defeated at election June 5.

YUMA, Ariz.—Until 8 P. M., June 19, bids will be rec. by city for 1000 ft. 2½-in. fire hose, multiple woven or its equal, smooth interior coupled complete (standard threaded coupling), f. o. b. Yuma, Ariz. Certified check, \$100. S. F. Stanley, city recorder.

MISCELLANEOUS SUPPLIES

YUBA CITY, Sutter Co., Cal.—Until June 25, 1928, 8 P. M., bids will be rec. by Alfred Nelson, clerk Central-Gaither School District, for a 40-passenger school bus, either complete, or chassis and body in separate bids. Cert. check 10% req.

DOS PALOS, Fresno Co., Cal.—Bids will be rec. until July 14, 1928, 2 P. M., by Claude O'Banion, Clerk, Bryant School District, Dos Palos, for one school bus with a carrying capacity of at least 35 elementary school pupils, the type of bus to be determined after the submission of bids, and the price not to exceed \$3,000. Cert. check 5% req.

BERKELEY, Alameda Co., Cal.—Until June 12, 1928, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, for furn. electric lamps of a quality fixed by the U. S. Bureau of Standards for commercial residential and street lighting, to the amount of \$2,500., to be delivered during the fiscal year commencing July 1, 1928. Further information obtainable from the clerk.

BERKELEY, Alameda Co., Cal.—Until June 12, 1928, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, City Hall, for furn. fire hose as per spec. to be delivered f.o.b. Berkeley. Further information obtainable from clerk's office.

LOS ANGELES, Cal.—Until 3 P. M., June 26, bids will be received by water and power commission for supervisory control equipment under Spec. No. P-527. James P. Vroman, secretary.

RESERVOIRS AND DAMS

NYSSA, Ore.—General Const. Co. of Seattle, Washington, submitted low bid to Bureau of Reclamation June 7, at \$3,198,779, for the construction of the Owyhee dam on Owyhee river, about 30 miles southwest of Nyssa, Oregon. Dam is to be 400-ft. high and 700-ft. long, of arched gravity concrete type, involv.: 135,000 cu. yds. earth and loose rock excav.; 70,000 cu. yds. solid rock excav.; 15,000 cu. yds. excav., spillway shaft; 35,000 cu. yds. excav., diversion and spillway tunnel; 11,000 lin. ft. drill grout holes; 7000 lin. ft. drill drainage holes; 490,000 cu. yds. conc. in dam; 17,600 cu. yds. conc., fault zone; 12,000 cu. yds. conc. in spillway tunnel and outfall, spillway shaft and inlet; 825 cu. yd. conc. structures; 675,000 lbs. placing reinforcing steel; 115,000 lbs. install pipe and fittings; 1,760,000 lbs. stall gates and valves; 440,000 lbs. install structural steel; 183,000 lbs. install trash rack steel.

PIPE LINES, WELLS, ETC.

TAFT, Kern Co., Cal.—Virginia Pipe Line Contracting Co., Taft, at approx. \$100,000 has contract to const. 10 mi. pipe line for Southern California Gas Co. from west side compressor plant in Buena Vista Hills, paralleling the present line to Los Angeles. Will be 12-in. dia.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

WATER WORKS

CHINO, Cal.—Until 7:30 P. M., June 26, bids will be received by city for all labor and material for extensions and additions to Municipal Water System along Walnut Ave., Riverside Drive, Chino Ave., Central Ave., Schaffer Ave. and certain alleys, including all pipe, fittings, fire hydrants, etc. A bond issue of \$20,000 voted for this work. Cert. check 10%. M. L. Birnie, city clerk.

EUREKA, Humboldt Co., Cal.—H. H. Buhne Co., awarded cont. by city to fur. 10,000-ft. 2-in. black pipe at \$15.86 per 100-ft., and 2,000-ft. 3-in. black pipe at \$32.79 per 100-ft.

UPLAND, Cal.—Until 7:30 P. M., June 21, bids will be rec. by city clerk to fur. 1000 ft. 6-in. class 250 B & S cast iron pipe. Cert. check or bond, 10%.

ALHAMBRA, Los Angeles Co., Cal.—The \$475,000 water bond issue was defeated at election on June 5.

STOCKTON, San Joaquin Co., Cal.—Until June 18, 1928, 5 P. M., bids will be rec. by A. L. Banks, City Clerk, for furnishing fire hydrants. Cert. check 10% req. Spec. on file with clerk.

MANTECA, San Joaquin Co., Cal.—City votes bonds of \$50,000 to finance purchase of Manteca Water Works, a privately owned system, to operate as a municipal project.

PLAYGROUNDS AND PARKS

INGLEWOOD, Cal.—The \$150,000 park bond issue failed to carry at election June 7.

CHICO, Butte Co., Cal.—A program for imp. to Bidwell Park for the next fiscal year was submitted to the City Council by E. T. Williamson, chairman of Playground Commission, as follows: Permanent foot bridge at Sycamore pool, \$250; cement foot above Sycamore pool, \$1,000; two miles or paving, \$3,500; golf course, \$400; additional planting in Children's Playground, \$250; equipment a new tennis court in the Children's Playground and additional piping bring the budget for the commission to \$19,595.

SEWERS AND STREET WORK

SAN FRANCISCO.—L. J. Cohn, 117 Montgomery St., at \$224,347.98 awarded cont. by Board of Public Works to construct Sec. A, Bay Shore Blvd. bet. Potrero and Silver Aves., involv. in the main 51,381 cu. yds. excavation; 471,527 sq. ft. asph. conc. pave.; 39,000 sq. ft. oil macadam pave., curbs, gutters, sewers, etc.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben Greene preparing spec. to imp. portions of La Salle Heights Tract with 6-in. macadam surface; also Arlington Way in area known as the "Circle," Alhambra Ave., bet. Haven St. and city limits and Howard St. west of Talbart St.

OAKLAND, Cal. — County Surveyor Geo. A. Posey making surveys of Lake Chabot Rd., from Foothill Blvd. to Lake Merritt with a view to establishing a new grade.

SAN FRANCISCO—Hugh McGill, 429 Grafton Ave., at \$6,481 awarded cont. by Board of Public Works to const. extension to Gutenberg St. sewer involv. 1,000 lin. ft. 2x3-ft. reinf. conc. sewer with manholes, etc.

YUBA CITY, Sutter Co., Cal.—County will pave 2 miles of Tarke road with asph. macadam; 1 mile of river road from present pavement south of Meridian to Yates Orchard and 3 miles of river road north of Meridian to Dist. No. 70 boundary line.

LOS ANGELES, Cal.—Resolution of Intention adopted by county for constructing various drainage works and pipe lines in what is known as Drainage Im-

provement No. 26, covering territory between Indiana St. and the boundary of the existing drainage improvement district designated as District No. 22, providing for the construction of the Laguna Trunk, a reinforced concrete box drain, having the following inside dimensions: 11 ft. wide by 8 ft. deep, 12 ft. wide by 8 ft. deep, 14 ft. wide by 9 ft. deep, 14 ft. wide by 8.5 ft. deep, and an open earthen ditch 16 ft. wide at the bottom, with side slopes 2 to 1; the Tolson St. Lateral, consisting of a reinforced concrete pipe, varying from 30 inches in diameter to 48 inches in diameter Eastern Ave. Lateral, involving 24-in. reinforced concrete pipe; Lopez St. Lateral, involving 27-in. reinforced concrete pipe, and other drains and laterals, involving 15-in. to 33-in. concrete pipe with appurtenant structures. The district covers an area of 2,199 acres. Estimated cost, \$800,000. Hearing, June 18, C. E. Arnold, 7th floor Hall of Records, is the chief engineer. The quantities follow: 130,000 cu. yds. excavation; 40,440 cu. yds. conc. class A; 260 cu. yds. conc. class B; 54 cu. yds. conc. class C; 4,575,724 lbs. reinf. steel; 45 catch basins, No. 1; 21 standard and special, No. 2; 5 No. 3; 6 No. 4; 8 No. 8, 1 grating; 14 No. 8, 2 gratings; catch basins with aprons; 29 No. 1; 7 No. 2; 2 No. 3; 7 No. 4; 5 No. 8, 1 grating; 7 No. 8, 2 gratings; manholes, standard and special; 27 No. 1; 59 No. 2; reinforced conc. pipe 789.63 ft. 18-in. heavy; 1739.91 ft. 21-in. heavy; 748.13 ft. 24-in. medium; 3437.75 ft. 24-in. heavy; 645.52 ft. 27-in. medium; 1953.01 ft. 27-in. heavy; 1297.58 ft. 30-in. light; 797.04 ft. 30-in. medium; 36.98 ft. 30-in. heavy; 959.86 ft. 33-in. light; 970.20 ft. 33-in. medium; 607.50 ft. 36-in. light; 226.00 ft. 36-in. medium; 370.61 ft. 36-in. heavy; 1269.42 ft. 39-in. light; 275.01 ft. 42-in. light; 1546.15 ft. 45-in. light; 1259.22 ft. 45-in. medium; 185.31 ft. 48-in. medium; 3.73 ft. 48-in. heavy; plain cement pipe 1851.5 ft. 12-in.; 2107.5 ft. 15-in.; 1938 ft. 18-in.; 1177 ft. 21-in.; Calco automatic drainage gates 30 12-in.; 1 24-in.; resurfacing 58 sq. yds. No. 1-A; 951 sq. yds. No. 8-A; 1354 sq. yds. No. 9; 18,123 sq. yds. No. 10; 295 sq. yds. No. 12; 939 sq. yds. No. 16; 287 sq. yds. No. 17; 1040 ft. timber piling; 1040 ft. driving piling.

Length of pipe lines (includes R. C. cement): 26,184.56 ft. or 4.96 miles; length of box sections: 20,364.17 ft. or 3.86 miles; total, 46,548.73 ft. or 8.82 miles.

VENTURA COUNTY, Cal.—Until July 5, 1928, 2 P. M., bids will be rec. by State Highway Eng., Highway Bldg., Sacramento, for grade and pave. with Portland cem. conc., about 11.6 miles bet. Hueneme Road and Little Sycamore Creek. See call for bids under official proposals this issue.

ST. HELENA, Napa Co., Cal.—Western Paving Co., 627 New Call Bldg., San Francisco, submitted lowest bid at \$19,483.94 to town clerk E. R. Palmer, to imp. certain streets with 5-in. conc. pave., curbs, sewer and water main extensions. 1911 Act. Bond Act 1915. Action was deferred until June 12.

Other bidders were:
Harry Thorsen, St. Helena, Cal., \$19,510.87
W. C. Healy, Monte Rio, Cal., 20,384.05
Frank J. Main & John Ongaro, Fairfax, Cal., 21,704.72
McDonald & Margorio, Sausalito, 22,662.00
W. J. Taylor, 819 Cowper St., Palo Alto, 22,802.20
United Imp. Co., 948 Market St., San Francisco, 23,874.00
Louis Tagnon, 1735 Napa St., Vallejo, 24,981.38

SAN DIEGO COUNTY, Cal.—Until July 5, 1928, 2 P. M., bids will be rec. by State Highway Eng., Highway Bldg., Sacramento, to grade about 7.2 miles bet. Viejas Creek and Guatay Creek. See call for bids under official proposals this issue.

CARSON CITY, Nev.—Nevada Highway Commission has approved construction of a thirty-five mile highway from Fallon to Schurz, and voted to allot \$30,000, with work to start immediately.

GILROY, Santa Clara Co., Cal.—The California Construction Co., Standard Oil Bldg., San Francisco, at \$74,049.20 was awarded the contract by city to imp. portions of Eigleberry, 2nd, 4th, 5th, 6th, Martin, Lewis, and other streets, involv. 299,764 sq. ft. cem. conc. pave.; 13,325 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in.

conc. gutters; 1873 lin. ft. conc. curb; 3100 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; and 150 6-in., 417 ft. 8-in., 1232 ft. 10-in. and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. C. I. sewer; 1110 ft. 15-in. and 440 ft. 18-in. storm sewer; 19 catch-basins; 1 conc. wall and apron; 6683 cu. yds. excavation.

SANTA ROSA, Sonoma Co., Cal.—Until June 19, 1928, 8 P. M. bids will be rec. by C. B. Reid, city clerk to imp. King St. bet. Howard St. and Spencer Ave., involv. grade; reconst. existing water-bound macadam pave. to form 4-in. base and surface with 3-in. asph. conc. laid in one-course. Cert. check of 10 per cent req. Plans and spec. obtainable from clerk.

PETALUMA, Sonoma Co., Cal.—Until June 18, 1928, 7:30 P. M., bids will be rec. by Gladys V. Roberts, city clerk (3710) to imp. 5th St., involv. fill and grade; oil macadam; oil bound macadam pave.; hyd. conc. curb, gutters; corr. part circle Armcoc culvert.

SANTA CRUZZ, Santa Cruz Co., Cal.—Granite Construction SCo., Watsonville, at \$5407.55 awarded contract by county to const. Larkin Valley Road, Sec. 2, Sta. 45 plus 90 to Sta. 90 plus 37 in Pajaro Road District.

VALLEJO, Solano Co., Cal.—City declares inten. (148) to imp. Garford alley bet. Sutter and Napa Sts., and bet. Napa St. and pt. 355 ft. east, involv. grade; r. w. curbs; 5-in. conc. pave. 16 ft. wide, 4-in. house lateral sewers. 1911 Act. Bond Act 1915. Protests June 20. Alf. E. Edgcombe, city clerk. T. D. Kilkenny, city engineer.

MERCED, Merced Co., Cal.—City declares inten. (621) to imp. P. St. bet. 21st and 22nd Sts., involv. grade; 2½-in. asph. conc. base; 1½-in. Warrenite Bit. surface pave.; hyd. conc. curbs, gutters. 1911 Act. Bond Act 1915. Protests July 2. W. T. Clough, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$5,407.55 awarded cont. by county for oil-bound macadam pave. on road in Larkin Valley.

LANDER COUNTY, Cal.—Until June 27, 2 P. M., bids will be rec. by State Highway Comm., S. C. Durkee, chief eng., to reconst. 25.93-mi. of grading, extend structures and crushed gravel surfacing from 6.57-mi. west of Stonehouse to Battle Mountain. Plans obtainable from engineer on deposit of \$15, of which \$10 is returnable. Plans on file in office of U. S. Bureau of Public Roads, 461 Market St., San Francisco.

MARYSVILLE, Yuba Co., Cal.—City declares inten. (33) to imp. portions of 11th, 13th, 9th, 2nd, Pine, High Sts., etc., involv. grade; 2½-in. asph. conc. base, 1½-inch Warrenite-Bit. surface; conc. curb, gutter, catchbasins; 6-in. vit. sewers; conc. headwalls. 1911 Act. Bond Act 1915. Protests June 25. Chester O. Gates, city clerk.

YREKA, Siskiyou Co., Cal.—Proceedings will be started at once by city to imp. portions of Lenox, North, Center, Oregon, Butte, Lane and 4th Sts.

OROVILLE, Butte Co., Cal.—County Engineer H. H. Hume will conduct a survey for a road connecting the Neal and Clark roads in the Paradise section, south of the Four Corners.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4230) to imp. Davis St. from Park Ave. to line 1113 18 ft. west, involv. pave. asph. conc. surface 1½-in. on asph. conc. found, 2½-in. cem. conc. curb, gutter and sidewalks, vit. pipe house sewer 4, 5 and 6-in. wytes, etc. Act 1911. Protests June 25, 1923, 8 P. M. John J. Lynch, city clerk. Wm. Popp, city eng.

SAN BERNARDINO COUNTY, Cal.—E. G. Perham, 1128 Stearns Dr., Los Angeles, was awarded contract by B. B. Meek, State Director of Public Works, June 6 at \$3416.428 for construction in San Bernardino county of a timber bridge across San Timoteo Creek, between San Bernardino and Redlands (VIII-SBd-26-A), consisting of 2 19-ft. and 2 11-ft. spans on pile bents.

SANTA ROSA, Sonoma Co., Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, awarded contract for imp. Hendley St., from Bennett to Tupper St., also Mill St., from Brown to Hendley St., Weehler St., from Hendley St., to "E" St., involy. grade; 4-in. macadam base with 3-in. asph. conc. surface, laid in one course; hyd. conc. curbs, gutters.

SANTA ROSA, Sonoma Co., Cal.—Until June 19, 1928, 8 P. M. bids will be rec. by C. B. Reid, city clerk, to imp. Beaver St., bet. Howard St. and Spencer Ave., involy. grade; reconst. waterbound macadam base to form 4-in. foundation; 3-in. asph. conc. surface pave. laid in course. Cert. Check of 10 per cent req. Plans and spec. obtainable from clerk.

SANTO ROSA, Sonoma Co., Cal.—Until June 19, 1928, 8 P. M. bids will be rec. by C. B. Reid, city clerk, for (1441) to imp. Glenn St. bet. Brenton St. and Berry Lane, involy. grade; reconst. waterbound macadam surface for 4-in. base and surface with 3-in. one-course, asph. conc.; cem. conc. curb, gutter. Cert. check of 10 per. cent req. Plans obtainable from clerk. A. P. Noyes, city eng.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to grade and rock surface 2.7-mi. of Hicks Valley to foot of Wilson Hill, west side, involy. 20,000 cu. yds. excavation without classification; 5,000 sta. yds. overhaul; 700 lin. ft. 12-in., 120 lin. ft. 18-in., 110 lin. ft. 24-in., 180 lin. ft. 48-in. corr. metal pipe; 25 cu. yds. a cem. conc. (headwalls); 1,000 lbs. reinf. steel; 3,000 cu. yds. gravel or broken stone; 100 lin. ft. drain tile. County will furnish corr. metal pipe. Plans obtainable from County Surveyor Rodney Messner.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to grade 3.0-mi. from foot of Wilson Hill, west side, west on Salmon Creek road, involy. 19,500 cu. yds. excavation without classification; 5,000 sta. yds. overhaul; 1,000 lin. ft. 12-in., 26 lin. ft. 15-in., 100 lin. ft. 18-in., 126 lin. ft. 24-in., 40 lin. ft. 36-in. and 74 lin. ft. 48-in. corr. metal pipe; 27 cu. yds. a cem. conc. (headwalls); 1,000 lbs. reinf. steel. County will furnish corr. metal pipe. Plans obtainable from County Surveyor Rodney Messner.

SAN RAFAEL, Marin Co., Cal.—Until June 18, 11 A. M., bids will be rec. by Robert E. Graham, county clerk, to grade 0.5-mi. of Black Canyon Road, from Pt. Reyes-Millerton Road, east ½-mile, involy. 5,000 cu. yds. excavation without classification; 100 sta. yds. overhaul; 246 lin. ft. 12-in., 36 lin. ft. 18-in. corr. metal pipe, (County will furnish corr. metal pipe). Plans obtainable from County Surveyor Rodney Messner.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Until 7:30 P. M., June 25, new bids will be received by city council for constructing an outfall sewer in connection with the new city disposal and outfall system for which bids were taken one month ago. The new specifications provide for vitrified tile or concrete. Plans and specifications may be obtained from the consulting engineers, Burch and Beck, San Luis Obispo.

INGLEWOOD, Los Angeles Co., Cal.—Plans for the north side sewer project have been approved by the city council. Est. cost \$85,362.32. Willis Peffer is the city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—County declares inten. to imp. portions of Hill, Palm, East Lake Aves., involy. asph. macadam surface pave. on 5-in. waterbound macadam base; cem. conc. curbs, gutters. Bond Act 1915. County Imp. Act 1921. Hearing June 22. H. E. Miller, county clerk. Lloyd Bowman, county surveyor.

MONTEREY, Monterey Co., Cal.—J. L. Conner, 1217 9th St., Monterey, at \$16,528.11, awarded contract by city to imp. portions of Pearl St. involy. grade; 6-in. cem. conc. pave.; conc. curbs, walks, 3 catchbasins.

STOCKTON, San Joaquin Co., Cal.—City declares inten. (832) to imp. East Hazelton Ave. from Wilson Way to Bieghle Alley, involy. grade, comb. conc., gutters and curbs, conc. sidewalks, pave. cem. gravel 2-in. with 2½-in. asph. conc. surface. 1911 Act. Protests June 25, 1928 8 P. M. A. L. Banks, city clerk. W. B. Hogan, city eng.

ROSEVILLE, Placer Co., Cal.—Until June 20, 1928, 8 P. M., bids will be rec. by F. R. Chilton, city clerk, (2-H) to imp. Lincoln St. from north extension of SE line of Church St., SE to NW line of Vernon St., involy. conc. gutter; conc. catchbasins; corr. iron segmental culverts with conc. headwall; remove oiled wearing surface and existing conc. base to be surfaced with asph. conc.

MARTINEZ, Contra Costa Co., Cal.—City declares inten. (142-C) to imp. portions of Green St., Talbart St., Arlington Way and a portion of an unnamed circular street adjacent to Arlington Way, involy. grade, curb and pave. Protests June 27, 1928, 8 P. M. Raymond D. Johnson, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until June 18, 1928, 8 P. M., bids will be rec. by W. A. Price, Town Clerk, for imp. of Hazel Ave., from El Camino Real to Locust St.; Hemlock Ave., from El Camino Real to Cypress St.; Linden St., Madrone St., Cypress St. and Locust from Woodside Road to Boyd and Kent's Addition, Ash St. from Cypress to SW end and Hancock St. from Willow to Charter St., involy. pave., 2½-in. and 3½-in. asph. conc. with 1½-in. in Warrenite-Bit. surf. comb. conc. curbs and gutters, conc. sidewalks, 8-in. vit. salt glazed pipe storm sewers, etc. Cert. check 10% req. Plans and spec. on file with Town Clerk.

BENICIA, Solano Co., Cal.—Funk & Angie, 245 W-Charter Way, Stockton, awarded contract by city council for imp. streets and alleys in Benicia Reclamation Dist., with storm and sewer drains. John J. O'Grady, city clerk, P. A. Steiger, eng., Courthouse, Fairfield.

GILROY, Santa Clara Co., Cal.—California Constr. Co., Standard Oil Bldg., San Francisco, awarded contract at \$14,049 by city to improve portions of Eagleberry, 2nd, 4th, 5th, 6th, Martin, Lewis, and other streets, involy. 293,764 sq. ft. cem. conc. pave.; 13,325 sq. ft. 2-in. conc. gutter; 25,793 sq. ft. 6-in. conc. gutters; 1873 lin. ft. conc. curb; 3700 sq. ft. cem. walks; 12 ft. 8-in. corr. iron pipe; 150 6-in., 417 ft. 8-in., 1232 ft. 10-in. and 1349 ft. 12-in. storm sewer; 25 ft. 12-in. c. i. sewer; 1110 ft. 15-in. and 440 ft. 18-in. storm sewer; 19 catchbasins; 1 conc. wall and apron; 6688 cu. yds. excavation. Henry B. Fisher, engineer, Growers Bank Bldg., San Jose.

OAKLAND, Alameda Co., Cal.—City declares inten. to imp. Harrison St. bet. 6th and 7th., involy. reset granite curbs in conc., const. conc. gutters. 1911 Act. Protests June 28, 1928, 11 A. M. Frank C. Merritt, city clerk. Geo. N. Randie, city engineer.

OAKLAND, Cal.—A. Soda, 1129 65th St. Oakland, awarded cont. by city to imp. E 32nd St. in vicinity of 22nd Ave., involy. cem. sidewalks. Cont. price \$1.775 sq. ft.

SANTA CLARA, Santa Clara Co., Cal.—City eng. ordered to prepare plans and spec. for storm sewers and for the paving of several streets. Board also ordered sidewalks, curbs and gutters installed by property owners on Grant, Fremont, Clay, Harrison and Lewis Sts.

MONO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Comm., June 27, 2 P. M., to grade 2.1 mi. bet. Dogtown and Point Ranch. Project involves: 14,500 cu. yds. rdwy. excav. without classification; 102,260 sta. yds. overhaul; 100 cu. yds. struct. excav. without classification; 538 lin. ft. 18" and 69 lin. ft. 24" corrugated metal pipe; 40 lin. ft. 12" perforated metal pipe under

drain; 100 lin. ft. 6" drain tile; 340 cu. yds. light riprap; 2.2 mi. new property fence; 60 monuments. State will fur. corr. metal pipe, drain tile and perforated metal pipe.

MARTINEZ, Contra Costa Co., Cal.—Until June 27, 8 P. M., bids will be rec. by Raymond B. Johnson, city clerk, (140-B) to sewer E St., bet. Alhambra Ave. and east city limits, involy. 6-in. vit. pipe; br. manholes; lampholes; house connections. 1911 Act. Cert. check 10% payable to city req. with bid. Ben Greene, city engineer.

MAYWOOD, Cal.—City plans to start const. of sewer system in the east side. The proposed work will probably cost \$150,000. Vaughn Wood, 130 W 2nd St., Los Angeles, former city engineer, has been named engineer for the work.

DOUGLAS COUNTY, Nevada—Isbell Construction Co., Fresno, at \$64,038 sub. low bid to U. S. Bur. of Pub. Rds. to grade 1.93-mi. of Lake Tahoe National Forest Highway, bet. Sta. 63 plus 20 and Sta. 164 plus 63, Section A. Other bids: J. M. De Lucca, Oakland; \$67,722; Calif. Constr. Co., \$67,752; Tieslau Bros., Berkeley, \$68,661; A. J. and J. L. Fairbanks, South San Francisco, \$70,014; J. Welsh, Oakland, \$70,195; Verne Winters, Spokane, Wash., \$78,038; eng. est., \$79,800.

PLACERVILLE, El Dorado Co., Cal.—C. B. Skeels, Roseville, at \$24,110 awarded contract by city council to imp. various streets, bids to be considered under the following items: (1) 267,000 sq. ft. grading; (2) fur. 1800 tons road-rock or gravel for sub-base; (3) fur. 2700 tons broken stone or asph. macadam surface in place; (4) fur. 195 tons bituminous binder in place. Alternate Proposition: (5) substitute for asph. macadam surface, Port. cem. conc. on approx. 2,000 lin. ft. pavement where grades are 10% or steeper; (estimated quantity of cem. conc. is 380 cu. yds.); (6) substitute items 3 and 4, crushed rock and E grade asph. to const. 267,000 sq. ft. hot mixed bituminous conc. pave. 1½-in. thick.

Other bidders were:
Heafey Moore Company.....\$26,974.50
A. Teichert & Son, Sacramento 30,287.00
Jack Casson.....30,797.50
N. J. Taylor, Palo Alto.....34,118.00
United Cont. Co., Portland, Ore. 36,720.00
D. S. Clinton.....36,907.00
M. J. Bevanda, Stockton, Cal.....39,025.00

SAN FRANCISCO.—Until June 20, 3 P. M., bids will be rec. by Board of Public Works to imp. Great Highway bet. Lincoln Way and Sloat Blvd.; estimated cost \$155,000. Project involves: 1,546 cu. yds. class B conc.; 2500 lbs. conc. for underpasses; 38,000 lbs. bar reinf. steel in underpasses; light fixtures, conduits, switches and all appurtenances; 933,000 sq. ft. surface oil water bound macadam, including grading; 120 tons asph. binder; 42,225 lin. ft. 2x8-in. r.w. header; 3,300 cu. yds. graded crushed rock and gravel; 21,820 lin. ft. 6-in. open tile drain; 16,800 lin. ft. 4-in. open tile drain; 4,900 lin. ft. 10-in. ironstone pipe culvert; 64 10x6-in. wyes on 10-in., I. S. P. drain; 64 6-in. S. T. 1's on 6-in. open tile drain; 128 6x4-in. I. S. P. reducers on 6-in. open tile drain; 17 br. catchbasins; 92.5 lin. ft. 24-in. and 60 lin. ft. 28-in. ironstone pipe; 1 reinf. conc. spillway; 1 br. manhole; 170 lin. ft. armored conc. curb; 4500 board feet Merchantable r. w. for board walk; 4,500 board ft. selected common Douglas fir for board walk; 6600 lin. ft. existing boardwalk to be removed and relocated; 10,850 lin. ft. 1½-in. street lighting conduit. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

SAN DIEGO, Cal.—Geo. R. Daley, 4439 Boundary St., submitted low bid to city June 4, at \$31,218.44 for paving and otherwise imp. El Cajon Ave. bet. Boundary and Euclid Aves., involy. 7605 cu. yds. excav., 196,678 sq. ft. pav. Geo. R. Daley also submitted low bid at \$46,076.38 for paving and otherwise imp. Monroe Ave., involy. 208,011.64 sq. ft. paving with 2-in. Warrenite top. cem. conc. curb. C. I. water main, fire hydrants. R. W. Brown San Diego, submitted low bid at \$32,419.04 for paving and otherwise imp. Lamont St., involy. 138,140.04 sq. ft. pav. with 6-inch Portland cement concrete, sidewalk, curb, C. I. water main.

Official Proposals

NOTICE TO CONTRACTORS

(School Addition—Emeryville)

Notice is hereby given that the Board of Trustees of the Emeryville School District of Alameda County, hereby calls for sealed proposals to be delivered to the Clerk of said Board at the office of said Board, located in the main school building, 4th and San Pablo Ave., Emeryville, California, until June 26, 1928, at 4 o'clock P. M., at which time and place bids will be opened for the furnishing of all labor, materials and mechanical workmanship necessary for the erection and completion of a one-story addition to the school building located on the north side of 41st street 272.37 feet east of San Pablo Ave., Emeryville, California, consisting of three classrooms and kindergarten and assembly rooms. These bids shall be presented in accordance with the specifications on file at the office of the Board located as hereinabove described. Copies of said specifications may be obtained at said place.

Proposals shall be made upon forms which may be obtained from the Clerk of said Board at the office of the Board as hereinabove described. Each bid must be signed by the bidder and accompanied by a certified check for at least ten per cent (10%) of the amount of the bid, certified by some responsible bank or banker and made payable to Emeryville School District of Alameda County, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give the bonds required. The Board reserves the right to reject any and all bids or any or all items of such bids.

R. S. HAWLEY,

Clerk of the Board of Trustees of Emeryville School District of Alameda County, State of California.

(D)

NOTICE TO CONTRACTORS

(School Improvements—Fresno)

Pursuant to an order of the Board of Education, City of Fresno School District, County of Fresno, California, duly made and entered in its minutes this 6th day of June, 1928, public notice is hereby given that the said Board will receive up to 5 o'clock P. M., June 28, 1928, at the office of the said Board in the Hawthorne School Building, 2425 Fresno St., Fresno, California, sealed proposals for the construction of the following:

(a) Addition to the T. L. Heaton School.

(b) Completion of upper floor classrooms, John Burroughs School.

(c) Competition of two rooms, second floor, L. A. Winchell School, as per plans and specifications.

Reference is hereby made to "General Information to Bidders," Building Form No. 6, for further particulars regarding all bids.

Plans and specifications, together with forms for submitting all bids and further details regarding any and all bids may be obtained from the undersigned Secretary of said Board of Education at the office of said Board above designated.

A bidder's surety bond or certified check equal to at least 10% of the amount of the bid submitted must accompany each proposal.

The Board reserves the right to reject any and all bids.

By order of the Board of Education, City of Fresno School District.

L. L. SMITH, Secretary.

(D)

NOTICE TO BIDDERS

(Heating Plant and Blackboards — Stockton)

Notice to bidders is hereby given that bids on the heating plant and blackboards for the new classroom building

in the northwest corner of the High School grounds, Harding Way and San Joaquin St., Stockton, Calif., as per plans and specifications on file at the office of the High School Board, corner San Joaquin and Lindsay Sts., Stockton, will be opened on Wednesday, June 27, 1928, at 7:30 P. M., at the office of the High School Board.

Obtain bid forms and plans and specifications from Peter Sala, architect, 2130 North Commerce St., Stockton, Calif.

Award will be made to the lowest responsible bidder. The High School Board reserves the right to reject any or all bids.

A certified check of ten per cent of the total amount bid on the main propositions plus all additions to the same must accompany said bid. (The certified check must cover the highest possible total bid.) A bidder's bond will not be accepted.

Dated: Stockton, Calif., June 8, 1928.

By order of the High School Board.

By ANSEL S. WILLIAMS, Clerk.

(D)

NOTICE TO BIDDERS ON INTERIOR FINISH OF NEW BUILDING AT STOCKTON HIGH SCHOOL

Notice to bidders is hereby given that bids on the interior finish of the new classroom building in the northwest corner of the High School grounds, Harding Way and San Joaquin Street, Stockton, Calif., as per plans and specifications on file at the office of the High School Board, corner San Joaquin and Lindsay Streets, Stockton, will be opened on Wednesday, June 27th, 1928, at 7:30 P. M., at the office of the High School Board.

Obtain bid forms and plans and specifications from Peter Sala, architect, 2130 North Commerce St., Stockton, Calif.

Award will be made to the lowest responsible bidder. The High School Board reserves the right to reject any or all bids.

A certified check of 10 per cent of the total amount bid on the main propositions plus all additions to the same must accompany said bid. (The certified check must cover the highest possible total bid.) A bidder's bond will not be accepted.

Dated: Stockton, Calif., June 7, 1928.

By order of the High School Board.

By ANSEL S. WILLIAMS, Clerk.

(D)

NOTICE TO CONTRACTORS

(Painting Fair Buildings, Stockton)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of San Joaquin, State of California, at the office of said Board in the City of Stockton, until 11 o'clock A. M., Monday, June 25, 1928, for furnishing all labor and material for painting certain buildings at the San Joaquin County Fair Grounds, in accordance with specifications adopted and filed by said Board, June 4, 1928, and to which bidders are particularly referred.

All bids must be made on forms to be obtained at the office of the Board of Supervisors and presented in sealed envelopes marked to show the contents. A deposit of \$10 is required on all specifications taken out to insure the prompt return of the same before the expiration of seven days.

All proposals must be accompanied by United States Currency, Cashier's Check or certified check made payable to the Chairman of the Board of Supervisors in the sum of 10% of the amount of the bid. A bond of 50% of the contract price will be required of the successful bidder to guarantee the faithful performance of said contract and a like bond to guarantee the faithful payment and satisfaction of the lawful claims of all persons for labor and materials furnished in the prosecution of said contract.

The Board reserves the right to reject any and all bids.

By order of said Board of Supervisors made, June 4, 1928.

EUGENE D. GRAHAM, Clerk.

By F. L. STRONG, Deputy Clerk.

(D)

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M., July 5, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Placer County, three reinforced concrete girder bridges across the South Fork of Yuba River at points about 2 1/4, 3, and 5 1/2 miles east of Cisco (III-Plas-37-F), each bridge consisting of two 33-foot spans on a concrete bent and abutments with wing walls.

San Diego County, between Viejas Creek and Guatay Creek (VII-SD-12-D), about seven and two-tenths (7.2) miles in length, to be graded.

Ventura County, between Hueneme Road and Little Sycamore Creek (VII-Ven-60-A), about eleven and six-tenths (11.6) miles in length to be graded and paved with Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,

State Highway Engineer,

Dated: June 6, 1928.

NOTICE TO CONTRACTORS

(Beardsley School District—Kern County)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Beardsley School District, Kern County, California, up to 4 o'clock P. M. on Tuesday, June 26, 1928 for the furnishing of all labor and material for the construction of a ten-room and auditorium masonry school building, in accordance with the plans and specifications prepared by Symmes & Cullimore, Architects, 215 Haberfelde Bldg., Bakersfield, California. Separate bids will be received for the general work comprising all work except electric wiring and heating, and on

the electric wiring, and on a low-pressure steam heating plant. Contractors may bid upon any or all of this work. Bids will be received at the offices of said Architects, and will be opened at 8 A. M. on Tuesday, June 26, 1928, at the Beardsley School, Kern County, California.

Plans and specifications for the same may be obtained at the offices of the Architect upon deposit of twenty-five Dollars (\$25.00) which will be returned upon receipt of said plans and specifications in good order at the time designated by the Architect.

A certified check or bidder's bond in the amount of ten per cent of the amount bid is to be furnished with the bid, and to the order of the Clerk of the Board of Trustees, as evidence of good faith, and that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish surety bond therefor in the amount of fifty per cent of the bid, covering labor and material, according to law. All bids are to be made on the blank forms furnished by the Architect.

The board reserves the right to reject any and all bids, or alternate bids deemed not advantageous to the district and to waive any informality in any bid received.

By order of the Board of Trustees of the Beardsley School District of the County of Kern, State of California, adopted June 6, 1928.

A. B. THECK, Clerk.

J. M. MCINTOSH, Trustee.

CHAS. ZUERCHER, Trustee.

NOTICE TO CONTRACTORS

(Dredging at Naval Base, San Diego)

SAN DIEGO, Cal.—Until 11 A. M. June 18, bids will be received by Public Works Office, 11th Naval District, Foot of Broadway, for dredging at Naval Operating Base, Naval Air Station, for dredging under specification No. 5592. The contract work includes the dredging of approximately 7000 cu. yds. in the vicinity way on north beach and three seaplane of and adjacent to one seaplane runways on east beach of the Naval Air Station, San Diego. If bidding date is desired, there should be forwarded to the Public Works Officer, Eleventh Naval District, Foot of Broadway, San Diego, Calif., a check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of drawings and specifications. Geo. A. McKay, Captain (CEC), U.S.N., Public Works Officer.

(D)

NOTICE TO INSURANCE COMPANIES

The Council of the City of Berkeley invites and the undersigned will receive at her office in the City Hall, Berkeley, California, up to 10:00 A. M., Tuesday, June 12, 1928, bids for furnishing Fleet insurance covering public liability, fire and property damage on automobiles and trucks belonging to the City of Berkeley, a list of which is on file in the office of the City Clerk. Bids must be on forms to be obtained from the office of the City Clerk.

EMMA M. HANN,
City Clerk.

NOTICE TO CONTRACTORS

(Four Room Concrete School—Chico)

Pursuant to a resolution of the Board of Education of the City of Chico, in and for the Chico School District, adopted in regular session June 5, 1928, notice is hereby given that the said Board will receive sealed bids until the hour of 5 o'clock P. M. of Wednesday, June 27, 1928, for the construction of a concrete school building in Chico, California, in accordance with the plans and specifications prepared therefor by Chester Cole, architect, of Chico, and Louis Brouhond, associate. This proposal shall be made upon a form prepared for the same. Said plans, specifications and proposals may be had in the office of the Clerk of the Board of Education, Municipal Building, Fifth and Main Streets, Chico, California.

The above referred to construction work is for a four classroom unit, with office, storeroom, toilets and heating system and other items, as delineated or described in the plans and specifications for the same.

A deposit of \$10.00 will be required for each set of plans and specifications furnished the bidder, said deposit to be

returned to the bidder upon the return to the office of the plans and specifications.

Said bid shall be signed by the bidder, and be accompanied by a certified check for at least five per cent of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the President of the Board of Education of the Chico School District, or order; said certified check to be forfeited to and retained by the Chico School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after award has been made, or to give bonds as required. Bids must be plainly marked on the exterior as to content.

The successful bidder will be required, upon the signing of the contract, to furnish all necessary bonds in the amount of fifty per cent of the contract for compliance with the laws of the State, both in the matter of guaranteeing the execution of the contract and in the matter of protection to material, men and labor, also will be required to furnish all necessary compensation protection.

The Board of Education of the Chico School Dist. reserves the right to reject any or all bids.

BOARD OF EDUCATION OF THE
CHICO SCHOOL DISTRICT.

CHAS. H. CAMPER, Secretary.

(D)

NOTICE TO CONTRACTORS

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at their office in Westley, Stanislaus County, California, up to two o'clock P. M. (2:00 P. M.), Saturday, July 14, 1928, and will at that time be publicly opened, for furnishing seventeen (17) electrically driven pumping units, 11 discharge pipes and valves for future pumps, six outdoor switch structures and 18 transformers under any or all of the following schedules:

A. Furnish all pumping and electrical equipment, including outdoor switch structures, transformers, switch gear, motors, pumps, discharge pipes and valves including 11 discharge pipes and valves for future pumps, installed and ready to operate.

B. Furnish all pumping and electrical equipment including switch gear, motors, pumps, discharge pipes and valves including 11 discharge pipes and valves for future pumps but exclusive of all conduit and cable from compensators to motors, f.o.b. cars Westley, California.

C. Furnish all outdoor switch structures and transformers including insulators, bus supports and bus necessary to connect transformers to station bus; also supply oil with transformers, f.o.b. cars, Westley, California.

D. Install all equipment furnished under Schedule B ready to operate including hauling of said equipment from cars to point of installation and furnish conduit from compensators to motors for 28 pumping units and cable from compensators to motors for 17 pumping units.

E. Install and connect up ready to operate all equipment furnished under Schedule C including the hauling of said equipment from cars to point of installation and the connecting of the low voltage transformer bus to the station bus.

All proposals must be accompanied by a certified check for at least five (5%) per cent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of the successful bidder will be returned when the contract has been executed and the required bond furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof will become and remain the property of the West Stanislaus Irrigation District.

Plans, specifications and contract are on file and can be inspected at the District's office at Westley, California, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

A full set of plans, specifications and contract may be obtained at the Engineer's office or at the District's office on deposit of \$10.00 for each set, which sum will be returned on the return of same in good condition within ten days after the date on which the bids are opened.

The contract will be let to the lowest responsible bidder, except that the Dis-

trict reserves the right to reject any and all bids and to waive any irregularities in the bidding. Bids will be opened at the District's office at Westley, California, Saturday, July 14, 1928.

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,

Secretary of the Board of Directors
Westley, California.

June 1, 1928.

(D)

NOTICE TO CONTRACTORS

(Frame and Stucco School at Aptos)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Aptos School District at 8 o'clock P. M. on the 20th day of June 1928, at the present Aptos School Building near Aptos, California, for the erection and completion of a frame stucco school building known as the Aptos School in said school district.

That the above mentioned building is to be erected for the Aptos School District, according to plans and specifications therefor prepared for the same by A. W. Story and J. H. DeLange, the authorized architects, employed by the board, which have been adopted by and are now on file with said Board of Trustees, reference to which plans and specifications is hereby made for a particular description of the work to be done.

That separate bids will be received for the erection of the building and for the steam heating system and water pipe line.

That plans and specifications may be seen during office hours at the office of Harry Rhodes, Clerk of said board of trustees, Aptos, California.

That all bids shall be made out on blank forms furnished by the architects, and in strict accordance with the "Notice to Bidders" in the specifications.

That bids will be received up to the time set for the opening thereof and each bid must be accompanied by a certified check on some responsible California bank in a sum not less than Five (5%) per cent of the amount bid, made payable to Harry Rhodes, Clerk of the Board of Trustees of the Aptos School District, as a guarantee that a contract will be signed within ten (10) days after award is made and that approved surety bonds will be furnished as required by law.

That each bid must be delivered in a sealed envelope, and addressed to the Clerk of the Board of Trustees, and endorsed:

"Proposal for Aptos School."

That the Board reserves the right to reject any and all bids.

Dated: June 6, 1928.

HARRY RHODES,

J. J. VIERHOFF,

R. F. TOWNSEND,

Board of Trustees of Aptos School Dist.

SISALKRAFT

"More than a building paper"
Send for Samples and Prices
DISTRIBUTORS

Strable Hardwood Co.
Oakland

San Joaquin Lumber Co.
Stockton

Borchers Bros.
San Jose

Sisalkraft Western Corporation
1640 - 18th St. 1008 West 6th St.
Oakland Los Angeles

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1434	Benson	Owner	8000
1435	Condit	Owner	12000
1436	Erickson	Dunn	4000
1437	Fiederle	Owner	4000
1438	Johnson	Owner	4000
1439	Keyston	Emanuel	2000
1440	Murray	Murray	7000
1441	Menconi	Owner	1000
1442	Stoneson	Owner	7000
1443	Stolt	Tapio	4000
1444	United	Home	3875
1445	Whitelock	Owner	32000
1446	Bissinger	Adams	5000
1447	Brown	Owner	4750
1448	Clayburgh	Bateman	15000
1449	Campbell	Owner	3500
1450	Castle	Horn	4500
1451	Hector	Prout	7000
1452	Marshall	Bernieri	1000
1453	Meyer	Owner	4000
1454	Meyer	Neumarkel	6500
1455	Meyer	Owner	34000
1456	Palatini	Owner	4500
1457	Samuelson	Owner	5000
1458	Swanson	Owner	5000
1459	Tait	Mullen	2000
1460	Thomas	Owner	4000
1461	Cooley	Owner	20000
1462	Pearson	Owner	4000
1463	Poro	McClenahan	1000
1464	Scoble	Owner	32500
1465	Swedish	Owner	5000
1466	Baker	Owner	4500
1467	Bell	Bell	3000
1468	Burger	Owner	4500
1469	Castleberry	Owner	12
1470	Del Grande	Fagzini	4000
1471	Erickson	Hermansen	4
1472	Grahn	Owner	10500
1473	Herzig	Owner	5000
1474	Investment	Cahill	150000
1475	Rules	Build	4500
1476	Wilbe	Owner	7000
1477	Apte	Owner	2500
1478	Atkinson	Erickson	4800
1479	Bank	Reilly	2500
1480	Francisco	Owner	7000
1481	Knowles	Owner	1500
1482	Katakoka	Shimamoto	4000
1483	Murphy	Owner	15000
1484	Pali	Chiodo	4000
1485	Rasen	Olson	7000
1486	Rich	Cburn	1000
1487	Sweet	Owner	6000
1488	Waxman	Saloman	2000
1489	Bellantoni	Novello	4500
1490	Cuneo	Masarie	1000
1491	Eureka	Eureka	4000
1492	Johnson	Owner	25000
1493	Lilienthal	Anderson	11994
1494	McKillop	Mission	100000
1495	Santini	Carraro	4000
1496	Salvation	Gayton	7500
1497	Holland	Owner	1750

DWELLINGS
(1434) E 28th AVE., 375 and 400 N MORAGA; two 1-story and basement frame dwellings.
Owner—Geo. C. Benson, 1327 25th Ave.
Architect—L. E. Hansberry, 1260 20th Ave. \$4000 each

DWELLINGS
(1435) E 38th AVE. 25, 50 and 75 W SANTIAGO; three 1-story and basement frame dwellings.
Owner—Condit and Maxam, 313 Mills Bldg.
Architect—Owner. \$4000 each

DWELLING
(1436) W 29th AVE. 200 S JUDAH; 1-story and basement frame dwelling.
Owner—C. E. and H. S. Erickson, 1863 8th Ave.
Architect—None.
Contractor—E. E. Dunn, 1242 23rd Ave. \$1000

DWELLING
(1437) NE PALOU AVE. 212-6 SE Lane; 1-story and basement frame dwelling.

Owner—F. J. Fiederle, 1361 Palou Ave.
Architect—E. J. Hargrave, 3783 20th St. \$4000

DWELLING
(1438) S 15th ST. 65-4% W BEAVER ST. 1-story and basement frame dwelling.
Owner—Chas. A. Johnson, 2429 15th St.
Architect—Owner. \$4000

ALTER & REMODEL
(1439) 50 POST ST.; alter and remodel offices.
Owner—Leib Keyston & Co., 50 Post St.,
Architect—None.
Contractor—L. E. Emanuel, Inc., 2665 Jones St. \$2000

DWELLING
(1440) E ALLSTON 60 N ULLOA; 1-story and basement frame dwelling.
Owner—Milton R. Murray, Insurance Exchange Bldg.
Architect—None.
Contractor—Fred K. Murray, 883 41st Ave. \$7000

ADD. & REMODEL
(1441) 2908 BUCHANAN ST.; remodel dwelling, addition of two porches, plumbing, etc.
Owner—N. Menconi, 2908 Buchanan St.
Architect—None. \$1000

DWELLING
(1442) N MONTEREY 100 W YERBA BUENA; 2-story and basement frame dwelling.
Owner—Stoneson Bros., 279 Yerba Buena.
Architect—Chas. F. Strothoff, 2274 15th St. \$7000

DWELLING
(1443) E PUTNAM 175 N JARBOE; 1-story and basement frame dwelling.
Owner—A. J. and S. Stolt, 75 Putnam St.
Architect—Andrew Tapio, 153 Majestic. \$4000

ALTER. & REMODEL
(1444) SW FILLMORE & SUTTER; alter and remodel cigar store and fountain.
Owner—United Stores Realty Corp., 40 Montgomery St.
Architect—Bertz Winter and Maury, 210 Post St.
Contractor—Home Mfg. Co., Inc., 552 Brannan St. \$2875

DWELLINGS
(1445) E 27th AVE. 75, 100, 125, 150, 175, 200, 225 and 250 S MORAGA; eight 1-story and basement frame dwellings.
Owner—Willard A. Whitelock, 2731 Anza.
Architect—W. A. Ductor, 800 Ulloa St. \$4000 each

ADD & REMODEL
(1446) 2430 BROADWAY; build additional sun rooms, new roof, enlarge bedrooms, and remodel bathroom in dwelling.
Owner—J. W. Bissinger, 2430 Broadway.
Architect—H. G. Stoner, 810 Ulloa.
Contractor—E. T. Adams, 424 Grafton. \$5000

DWELLING
(1447) W 16th AVE. 95 N ULLOA; 1-story and basement frame dwelling.
Owner—C. M. Brown and Son, 1238 39th Avenue.
Architect—None. \$4750

ALTER & REMODEL
(1448) NW CHERRY & JACKSON; alter and remodel residence.
Owner—Herbert E. Clayburgh, 15 Cherry.
Architect—G. Albert Lansburgh, 140 Montgomery St.
Contractor—William Bateman, 1913 Bryant St. \$15,000

DWELLING
(1449) SE 19th & SEWARD STS.; 2-story and basement frame dwelling.
Owner—William Campbell, 248 Danna St.
Architect—M. Morrison, 601 42nd Ave. \$3500

DWELLING
(1450) E 37th AVE. 200 S SANTIAGO; 1-story and basement frame dwelling.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$4500

DWELLING
(1451) NE YERBA BUENA 110 SE Santa Paula; 2-story and basement frame dwelling.
Owner—Mr. and Mrs. Hector.
Architect—Chas. F. Strothoff, 2274 15th Street.
Contractor—J. Prout, 515 Magellan. \$7000

ALTER STORE
(1452) 54-56 McALLISTER; alter store front, marble vestibule and alterations.
Owner—R. Marshall, Alcazar Theater Bldg.
Architect—None.
Contractor—Grace and Bernieri, 703 Market St. \$1000

DWELLING
(1453) S CHAVES 67 W AGUA; 1-story and basement frame dwelling.
Owner—Meyer Bros., 727 Portola Drive.
Architect—None. \$4000

FLATS
(1454) SE BALBOA & 19th ST.; erect 1 story (2) flats over present 1-story store bldg.
Owner—Henry A. Meyer.
Architect—None.
Contractor—E. A. Neumarkel, 544 Market St. \$6500

CORRECTION
(1455) Contractor has changed the listed owner of job at 985 Market St. from the F. & W. Grand to Estelle Meyer and Henry D. Meyer.
The estimated cost of the job is \$34,000.

DWELLING
(1456) W PENNSYLVANIA 25 N 19th St.; 1-story and basement frame dwelling.
Owner—Antonio Palatini, 617 Pennsylvania.
Architect—G. A. Berger, 309 Valencia. \$4500

DWELLING
(1457) S UPLAND 105 W KENWOOD; 1-story and basement frame dwelling.
Owner—A. M. Samuelson, 901 Geneva.
Architect—None. \$5000

DWELLING
(1458) W 16th AVE. 150 N VICENTE; 1-story and basement frame dwelling.
Owner—Oscar Swanson, 3539 Market St.
Architect—None. \$5000

ALTER & REMODEL
(1459) 30 KEARNY ST.; alter and remodel store.
Owner—Tait's Inc., 30 Kearny St.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St. \$2000

Capital City Title Company

J. C. PALEN
Manager

914 Seventh Street
Sacramento - California

DWELLING
(1460) W 16th AVE. 230 S TARAVAIL;
1-story and basement frame dwell-
ing.
Owner—F. Thomas, 1575 20th Ave.
Architect—None. \$4900

APARTMENTS
(1461) SW LOMBARD & BRODERICK.
Three-story and basement frame (9)
apartments.
Owner—Mrs. Bessie Cooley, 2050 Ninth
Ave., San Francisco.
Architect—J. C. Hladik, Monadnock
Bldg., San Francisco. \$20,000

DWELLING
(1462) W LOWELL 26-6 N Hanover St.
One-story and basement frame dwlg.
Owner—R. Vance Pearson, 1009 Dolores
St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(1463) SE TWENTY-FIRST AND DO-
lores. New roof on apartments and
alter same.
Owner—E. Poro, 138-A Clinton Park, San
Francisco.
Architect—None.
Contractor—T. W. McClenahan, 333 16th
Ave., San Francisco. \$1000

APARTMENTS
(1464) W FILLMORE 99 S Retiro.
Three-story and basement frame (12)
apartments.
Owner—Thomas Scoble, 336 Kearny St.,
San Francisco.
Architect—E. E. Young, 2002 California
St., San Francisco. \$32,500

ALTERATIONS
(1465) NO. 3459 SEVENTEENTH ST.
Alter and remodel church.
Owner—Swedish Baptist Church, 3459
17th St., San Francisco.
Architect—None. \$5000

DWELLING
(1466) E ALVISO 350 S URBANO; 1-
story and basement frame dwelling.
Owner—E. C. Baker, 1998 Ocean Ave.
Architect—Owner. \$4500

DWELLING
(1467) E MAJESTIC 250 S LAKEVIEW;
1-story and basement frame dwelling.
Owner—R. H. Bell, 1365 Monterey.
Architect—D. E. Jaekle, 395 Justin Drive.
Contractor—Bell and Sylvester, 1365
Monterey. \$3000

APARTMENTS
(1468) 375 VALLEY ST.; apartments to
be finished in accordance with plans.
Owner—G. Burger, 375 Valley St.
Architect—None. \$4500

DWELLINGS
(1469) W 32nd AVE. 125, 150, 175 S JU-
DAH; three one-story and basement
frame dwellings.
Owner—Castleberry & Boin, 1328 Haight
Street.
Architect—None.
Contractor—Castleberry & Boin, 1328
Haight St. \$4000 each

DWELLING
(1470) N GILMAN 225 W JENNINGS;
1-story and basement frame dwelling.
Owner—E. Del Grande, 922 Ingerson.
Architect—None.
Contractor—C. A. Fagzini, 1556 Revere
Ave. \$4000

DWELLING
(1471) S 23rd ST. 125 W HOFFMAN
AVE.; 1-story and basement frame
dwelling.
Owner—S. Erickson, 866 Noe St.
Architect—None.
Contractor—C. Hermansen, 1226 Church
St. \$4000

DWELLINGS
(1472) NW WHEELER & LATHROP,
W Wheeler, 30 and 60 N Lathrop;
three one-story and basement frame
dwellings.
Owner—Wm. H. Grahn, 2965 Mission St.
Architect—None. \$3500 each

DWELLING
(1473) SE PALOMA & MONCADA; 2-
story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria St.
Architect—D. E. Jaekle, 395 Justin Drive.
\$5000

GARAGE
(1474) SW TURK & JONES; erect con-
crete public garage.

Owner—Investment Properties Corp., Al-
exander Bldg.
Architect—None.
Contractor—Cahill Bros., 206 Sansome St.
\$150,000

DWELLING
(1475) S ROMAIN 87 W MARKET; 1-
story frame dwelling.
Owner—U. Rules, 1455 Oak St.
Architect—None.
Contractor—Build-a-Home Co.; Hearst
Bldg. \$4500

DWELLING
(1476) W SAN FELIPE bet EL VER-
ANO & SAN JACINTO; 2-story and
basement frame dwelling.
Owner—A. J. Wilhe, 1344 Ocean.
Architect—H. G. Stoner, 810 Ulloa.
\$7000

DWELLING
(1477) W CORA 251 N Sunnydale. One-
story and basement frame dwelling.
Owner—Harry Apte, 287 Arleta.
Architect—None. \$2,500

DWELLING
(1478) W FORTIETH AVE., 225 S Lin-
coln Way; One-story and basement
frame dwelling.
Owner—J. Atkinson, 247½ Anderson.
Architect—Thomas Bros., 142 Sansome St.
Contractor—Henry Erickson, 972 Chen-
ery St. \$4,800

BANK BLDG.
(1479) SW THIRTY-EIGHTH AVE. and
Balboa St. One-story frame stores
and bank building.
Owner—Bank of Italy, 1 Powell St.
Architect—H. A. Minton, Underwood
Bldg.
Contractor—F. J. Reilly, 6350 Fulton St.
San Francisco \$25,000
NOTE—Recorded contract reported
June, 1928.

STORE & FLAT
(1480) N COURTLAND 28 E Benning-
ton. Two-story and basement frame
store and flat
Owner—J. Francisco, 350 Park St.
Architect—None. \$7,000

ALTERATION
(1481) 100 POTRERO AVE. Alter ele-
vator, shaft, etc.
Owner—Knowles Corp., 3 Potrero Ave.
Architect—None. \$1,500

ALTER HOTEL
(1482) 1651 POST ST. Alter and re-
model hotel
Owner—J. Kataoka, 1551 Post St.
Architect—Geo. G. Shimamoto, 1520
Buchanan St.
Contractor—Architect. \$4000

DWELLINGS
(1483) E PINEHURST 100, 140, 180 N
OCEAN; three 1-story and basement
frame dwellings.
Owner—John Murphy, 350 Claremont
Rd.
Architect—W. A. Doctor, 800 Ulloa St.
\$5000 each

DWELLING
(1484) NW SAN JOSE 75 SW LAKE-
VIEW; 1-story and basement frame
dwelling.
Owner—G. Poli, 2608 San Jose.
Architect—None.
Contractor—M. Chiodo, 135 Connecticut
St. \$4000

FLATS
(1485) W CASTRO 30 S 15th ST.; 2-story
and basement frame (2) flats.
Owner—F. Rosen.
Architect—None.
Contractor—C. Olson, 875 47th Ave. \$7000

REPAIR FIRE DAMAGE
(1486) 1414 FILLMORE ST.; repair fire
damage.
Owner—D. B. Rich, 156 Montgomery St.
Architect—None.
Contractor—Chas. Coburn, 666 Mission
St. \$1000

FACTORY BLDG.
(1487) N HOWARD 100 W 5th ST.; 1-
story and mezzanine concrete factory
building.
Owner—Lewis S. Sweet.
Engineer—J. H. Hjul, 128 Russ St. \$6000

REPAIR FIRE DAMAGE
(1488) 1628 WEBSTER ST.; repair fire
damage.

Owner—J. Waxman, 1714 Broderick St.
Architect—None.
Contractor—L. Saloman, 1714 Broderick
St. \$2000

DWELLING
(1489) E SAN JOSE 25 S San Juan; 1-
story and basement frame dwelling.
Owner—A. Bellantoni, 341 San Juan.
Architect—None.
Contractor—Joseph Novello, 172 Bertita.
\$4500

REPAIR FIRE DAMAGE
(1490) 1283-87 UNION; repair fire dam-
age.
Owner—C. & A. U. Cunco, 1285 Union.
Architect—None.
Contractor—V. Masarie & A. U. Cunco,
1285 Union. \$1000

DWELLING
(1491) S 17th ST. 50 E MARS; 1-story
and basement frame dwelling.
Owner—Eureka Improvement Co. and
Miss N. Libbing.
Architect—None.
Contractor—Eureka Imp. Co., 4184 17th
St. \$4000

APARTMENTS
(1492) NW THIRTY-FIFTH AVE AND
Balboa. Three-story and basement
frame (13) apartments.
Owner—Johnson & Anderson, 1483 17th
Ave., San Francisco.
Architect—None. \$25,000

ADDITION
(1493) NO. 2007 FRANKLIN. Three-
story addition to present dwelling.
Owner—S. Lilienthal, 2007 Franklin St.,
San Francisco.
Architect—G. Dailey, 425 Mason St., San
Francisco.
Contractor—J. M. Anderson, 1612 Pacific
St., San Francisco. \$11,994

APARTMENTS
(1494) W VAN NESS AVE 55 S Chest-
nut. Six-story reinforced concrete
(30) apartments.
Owner—McKillop Bros., 45 Kearny St.,
San Francisco.
Architect—None.
Contractor—Mission Concrete Co., 666
Mission St., San Francisco. \$100,000

DWELLING
(1495) W SOMERSET 125 S Bacon.
One-story and basement frame dwlg.
Owner—G. Santini.
Architect—None.
Contractor—G. Carraro, 750 Felton St.,
San Francisco. \$4000

ALTERATIONS
(1496) SE VALENCIA AND MCCOPPIN.
Alter and remodel office building,
partitions, wiring, etc.
Owner—Salvation Army, 35 McAllister
St., San Francisco
Architect—R. F. Inwood, 72 Atlantic Ave
Long Beach
Contractor—G. T. Gayton, 35 McAllister
St., San Francisco. \$7500

REPAIRS
(1497) NO. 1624 LARKIN. Repair laun-
dry.
Owner—Lee Wing and Hong Bock Shing,
137 9th Ave., San Francisco.
Architect—F. S. Holland, 137 9th Ave.,
San Francisco. \$1750

BUILDING CONTRACTS

San Francisco County

241	Reed	Larson	13816
242	Avansino	De Luca	16250
243	Palatini	Chiodo	5700
244	Marwedel	Petterson	17138
245	Pelinacci	Masarie	6300
246	Southern	Gallagher	5862
247	Newman	Cashel	3683
248	Newman	Snook	4373
249	Bank	Reilly	25550
250	Gunst	Stephenson	14110
251	Kauffman	Becker	1811
252	Kauffman	Atlas	1019
253	Lilienthal	Anderson	11994

APARTMENTS
(241) 22nd & CHURCH STS.; all work
on 2-story frame apartment bldg.
Owner—George Reed, Humboldt Bank
Bldg.
Architect—Bos and Quandt, Humboldt
Bank Bldg.
Contractor—Axl A. Larson, 25 Rivoli St.
San Francisco.

Filed June 7, 1928. Dated June 6, 1928.
Payments on 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$13,816.90
Bond, \$6908.45. Sureties, Detroit Fidelity & Surety Co. Forfeit, none. Limit, 120 days. Plans and Spec. filed.
Permit applied for.

APARTMENTS
(242) SE FILBERT & LEAVENWORTH all work on 4-story and basement class C apartment building except mantels, elevator, window shades, electrical fixtures and wall beds.
Owner—John and Teresa Avansino, 748 Green St., San Francisco.
Designer—Luigi Dallorso, 32 Jansen St., San Francisco.
Contractor—De Luca & Son, 461 Market St., San Francisco.
Filed June 8, 1928. Dated May 24, 1928.
Conc. poured to 2nd floor joists.....\$2335
Conc. poured to 4th floor joists.....2935
Conc. poured to top of firewall.....2940
Interior rough carpenter work done.....2940
Usual 35 days after.....4000
Completed.....500
TOTAL COST, \$16,259
Limit, 90 days. Plans and Spec. filed.
Permit applied for.

BUILDING
(243) W PENNSYLVANIA 25 N 19th W 100 x N 25; all work on 1-story and garage frame building.
Owner—Antonio Palatini.
Architect—G. A. Berger, 309 Valencia St., San Francisco.
Contractor—Michele Chiodo, 135 Connecticut St., San Francisco.
Filed June 8, 1928. Dated June 7, 1928.
Frame up.....\$1425
Brown coated.....1425
Completed and accepted.....1425
Usual 35 days.....1425
TOTAL COST, \$5,700
Bond, \$2,850. Sureties, F. Tivlo and Damiano Peruzzo. Forfeit, \$5. Limit, 90 days. Plans and Spec. filed.

RESIDENCE
(244) E 25th AVE. 130 N LAKE N 30 x E 120 OV 48; all work on 2-story and basement frame residence.
Owner—Arthur and Adeline W. Marwedel.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—G. Petterson, 46 Divisadero St., San Francisco.
Filed June 8, 1928. Dated June 1, 1928.
Rustic on and roof on.....\$4,284.50
Plastering finished.....4,284.50
Completed and accepted.....4,284.50
36 days after.....4,284.50
TOTAL COST, \$17,133
Bond, \$8,569. Sureties, New Amsterdam Casualty Co. Forfeit, \$5. Limit, without delay. Plans and Spec. filed.

ADDITION TO BLDG.
(245) S 23rd 25 W KANSAS; all work except plumbing for 1-story addition to present building.
Owner—Joseph and Mrs. A. Pelinacci.
Architect—Virgil Masarie, 1121 Wisconsin St., San Francisco.
Contractor—Virgil Masarie and Andrew Cuneo, 1121 Wisconsin St., S. F.
Filed June 11, 1928. Dated June 6, 1928.
Composition roof on.....\$1575
Brown coated.....1575
Completed and accepted.....1575
35 days after.....1575
TOTAL COST, \$6300
Limit, 90 days. Plans and Spec. filed.

CONSTRUCTION WORK
(246) EVANS AVE. BET. ARMY AND RANKIN; paving, curbs, sewers, manholes and catch basins.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—Edw. J. Gallagher (as Municipal Const. Co.), Call Bldg., S. F.
Filed June 11, 1928. Dated May 24, 1928.
Improve N½ Evans frontage.....\$1,472.50
Improve S½ Evans frontage.....2,850
Imp. railroad's ptn. crossing.....940
Imp. railroad's ptn. crossing of Evans Ave with Doland and Napoleon.....600
TOTAL COST, \$5862.50
Bond, \$5,862. Sureties, New Amsterdam Casualty Co. Limit, 120 days. Plans and Spec. filed.

HEATING FOR RESIDENCE
(247) NW JACKSON & MAPLE alg. N Jackson 60 N 138 m or l to S line of Presidio Resvn. wall th NE alg S

line Presidio Resvn. 60-2¼ m or l to W line Maple S and alg Maple 142-2¼ m or l to NW cor Jackson and Maple and pt of beg; heating for residence.
Owner—E. S. Newman, 171 Commonwealth Ave., San Francisco.
Architect—G. A. Applegarth, Claus Spreckles Bldg., San Francisco.
Contractor—Wm. D. Cashel, 739 Clementina St., San Francisco.
Filed June 11, 1928. Dated June 6, 1928.
Payment on 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$3683
Plans and Specifications filed.
Permit applied for.

(248) PLUMBING ON ABOVE.
Contractor—Frederick W. Snook Co., 596 Clay St., San Francisco.
Filed June 11, 1928. Dated June 6, 1928.
Payment on 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$4373
Plans and Specifications filed.
Permit applied for.

BANK BLDG.
(249) SW 38th AVE & BALBOA; all work for bank building.
Owner—Bank of Italy Trust & Savings Assn., 1 Powell St., San Francisco.
Architect—H. A. Minton, Underwood Bldg., San Francisco.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Filed June 11, 1928. Dated June 8, 1928.
Payments on 1st and 3rd of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$25,550
Bond, \$25,550. Sureties, T. I. Butler, W. A. Newsom. Forfeit, \$50. Limit, Sept. 15, 1928. Plans and Spec. filed.

ALTER. & ADDITIONS
(250) NE VALLEJO & BRODERICK; alterations and additions to frame residence.
Owner—Morgan Gunst, 2786 Vallejo St., San Francisco.
Architect—Gardner A. Dailey, 425 Mason St., San Francisco.
Contractor—Stephenson Construction Co., Hearst Bldg., San Francisco.
Filed June 13, 1928. Dated June 1, 1928.
Payments on first of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$14,110
Limit, reasonable time. Plans and Spec. filed.
Permit applied for in issue June 6, 1928, No. 1413.

PLUMBING & ALTERATIONS
(251) N JACKSON bet. Presidio Ave. & Walnut, No. 3222 Jackson St.; plumbing and alterations on residence.
Owner—Sylvan S. Kauffman, 3222 Jackson St., San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—Rodoni Becker Co., 455 10th St., San Francisco.
Filed June 12, 1928. Dated June 9, 1928.
Payments on first of each month.....75%
Usual 35 days.....25%
TOTAL COST, >
Limit, as fast as possible. Plans and Spec. filed.

(252) ELECTRIC WORK On Above.
Contractor—Atlas Electric Co., 342 4th St., San Francisco.
Filed June 12, 1928. Dated June 9, 1928.
Payments on first of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1019
Limit, as fast as possible. Plans and Spec. filed.

ADDITION
(253) 2007 FRANKLIN ST.; all work on 2-story addition to residence.
Owner—Samuel Lilienthal, 2007 Franklin St., San Francisco.
Architect—Gardner A. Hailey, 425 Mason St., San Francisco.
Contractor—J. M. Anderson.
Filed June 13, 1928. Dated June 12, 1928.
Payments on first of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$11,994.25
Bond, \$6000. Sureties, Aetna Casualty & Surety Co. Plans and Spec. filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
June 7, 1928—E ROANOKE 25 S REMIS S 25 x E 85 Ptn Lot 191 Blk 5 Fairmont Land Assn. Wm. H. Gillham to Lindgren Bros.....June 7, 1928

June 7, 1928—S BAY 209 W VAN NESS Ave. W 25 x S 137-6. Vincent Dito to Wm. Costello.....May 25, 1928
June 7, 1928—2764 GREENWICH ST. Jennie and Frank Beran Jr. to John Trollman.....June 4, 1928
June 6, 1928—SE LONDON & BRAZIL Ave. 25x72. A. Debenedetti to whom it may concern.....June 5, 1923
June 6, 1928—E MISSION 95 N 20th N 165 x E 245. George S. Sarah C. Grace M. and Samuel M. Crim to Fire Protection Engineering Co.....June 5, 1923
June 6, 1928—LOTS 47 and 48 Blk O Map Sub. ppty Mission St. Land Co. Robert Neil to whom it may concern.....June 5, 1923
June 6, 1928—LOT 25x100 N McKINNON AVE. 50 W Newhall, Edward and Rose O. Klein to Milton T. Moore.....June 4, 1928
June 6, 1928—E MISSION 95 N 20th N 165 x E 245. George S. Sarah C. Grace M. and Samuel M. Crim to Joel Johnson & Son, Burnham Plumbing Co., Art Tile & Mantel Co., Frederick W. Snook Co., Habenicht and Howlett, Joseph Musto Sons, Keenan Co., Dwan & Co., Boyd Lighting Fixture Co., Decker Elec. Const. Co., Lee Tardware Co., Morrison & Co., American Painting & Decorating Co., C. J. Hillard Co. and A. Debenedetti.....June 5, 1928
June 6, 1928—W 17th AVE. 375 N TARAVAL N 25 x W 120. H. P. and Freida V. Peterson to whom it may concern.....June 6, 1928
June 6, 1928—NW MORAGA and 25th Ave. N 25 x W 95. Sunset District Bldg. Co. to whom it may concern.....June 6, 1928
June 8, 1928—W HANOVER & GUTTENBERG SW 78 x NW 31 Ptn Lot 76 West End Hd. Harry Gordon to whom it may concern.....June 8, 1923
June 8, 1928—W 47th AVE 210 N FULTON N 60 x W 120. Thomas Landers to whom it may concern.....June 7, 1928
June 8, 1928—PIN LOTS 12 & 13 BLK 3273 Map Blks 2260, 3263, 3273 and 3274 Monterey Heights desc'd. Comg SW curved line Monterey Blvd. dist. 7.347 from SE line said lot 12 rung NW alg SW Monterey Blvd. 46 SW 100 to pt on SW line said lot 13, dist. thereon NW 7.19 from SE line thereof th SE alg lines of lots 13 and 12 dist. 61.862 NE 100 to beg. Richard H. Bell to whom it may concern.....June 7, 1928
June 8, 1928—W SAN CARLOS AVE. 135 S 19th 35x75. Fred Isaacson and Otto Nylund to whom it may concern.....June 7, 1928
June 8, 1928—W 22nd AVE. 50 N UNION. Verner R. Sjostrom, Peder Andersen and Henry K. Childress to whom it may concern.....June 8, 1928
June 8, 1928—E BAKER 87-6 S FRANCISCO S 25 x E 93-9. Roy W. Mingins to Aug. J. Lang Jr.....May 21, 1928
June 8, 1928—W VAN NESS AVE. 72 S Clay S 62-04 W 137-6 N 6-4 E 20-1½ N 55-8¼ E 117-4½. Van Clay Builders Inc. to whom it may concern.....June 8, 1928
June 9, 1928—SW RIVOLI & SHRADER 25 x N 94-94. Angelina Di Bene to George C. Todhunter.....June 7, 1928
June 9, 1928—COMG AT PT S 79° 40' 51" E parli with N Williams Ave 17.465 from pt on SE line Phelps dist. 110 S at right angles from N Williams Ave S 79°. Pacific Can Co. to whom it may concern.....June 7, 1928
June 9, 1928—E FOLSOM 27 S 13th. Richard H. Harms to A. P. Fishel.....June 6, 1928
June 11, 1928—E TWENTY-THIRD Ave 100 S Lawton S 25xe 120. Arvid Peterson to whom it may concern.....June 11, 1928
June 11, 1928—LOT 31 BLK II, Map Sub Columbia Heights Tract. Jack Buckley to whom it may concern.....June 9, 1928
June 11, 1928—LOTS 597, 599 and 601. Gift Map No. 4. F F Lacey, E S Brush and Henry Harder to whom it may concern.....June 8, 1928
June 11, 1928—SW TWENTY-SEVENTH and Guerrero S 29xW 100. Manning-Baldwin Inc to whom it may concern.....June 11, 1928
June 11, 1928—W TWENTY-SIXTH Ave 225 S Rivera 25x120. Alexander Sergio to whom it may concern.....June 9, 1928
June 11, 1928—SW WHEELER AND Bay Shore Ave; W Wheeler Ave 90 and 120 S Bay Shore Ave. Caroline E

Altwater to whom it may concern. June 9, 1928	pty of Mission St. Land Co. Sudden Lumber Co. vs. Joseph Metcalf. \$967.70	June 7, 1928—S GEARY 120 W LARK- IN W 40 x S 120. Morrison & Co vs E V Lacey and M E Vukicevich. \$1019.60
June 11, 1928—LOT 35 BLK 42, Reis Tract. R C Hoskinson and A Rycerski to Leslie Allen. June 8, 1928	June 6, 1928—N BALCETA & LAGUNA Honda Blvd. being Lot 16 Blk 2890 Map Laguna Honda Park. P. Chranelli vs Richard E. and Eva M. Gilber. \$1274.55	June 7, 1928—S GEARY 120 W LARK- IN W 40 x S 120 to N Myrtle WA 10. F. A. John, \$167.95; Isaac and Abraham Friedman (as Friedman Bros) \$2940.82, vs E V and Veronica E Lacey and M E Vukicevich.
June 11, 1928—E CHURCH 63 S Day S 50x30. Frank T McSheehy to whom it may concern. June 9, 1928	June 6, 1928—NE RUSSIA & MUNICH E and alg N Russia 75 x N 75 Ptn Lot 9 Assessor's Blk 6091 finly Bldg 91 Excelsior Hd. Assn. A. Dini vs Henry J. and Dorothy J. Schulthe. \$602.67	June 7, 1928—S GEARY 120 W LARK- IN W 40 x S 120 to N Myrtle WA 10. Pacific Portland Cement Co vs E V Lacey, M E Vukicevich, Lacey and Vukicevich, Title Ins & Guar Co., and William A Newsum Jr. \$7206.8
June 11, 1928—COMG 225 SE CLEMEN- TINA 225 NE from int. NE line 2nd and SE line Clementina th NE alg SE Clementina 25 th at right angles SE 75 th at right angles SW 25 th at right angles NW 75 to beg being Lot 37 Blk 348 of 100 P. Haas Wood and Ivory Works to Harmon L. Richards May 10, 1928	June 6, 1928—LOT 19 BLK O Map Sub ppty of Mission St. Land Co. J. Al- fred Kallman vs. Joseph and Eliza- beth Metcalf. \$245	June 7, 1928—S GEARY 120 W LARK- IN W 40 x S 120 to N Myrtle WA 10. Wm A Newsum Jr., \$12,685.48; Rein- hart Lumber and Planing Mill Co., \$8,981.81; L W and G R Bent (as Ben's Distributors), \$293.40, vs E V Lacey and M E Vukicevich (as Lacey & Vukicevich), E V and Veronica E Lacey, Lacey Inv Co., M E Vukicevich and Title Ins & Guar Co.
June 11, 1928—237 POST ST. The Ex- celsior Cutlery Shop to Braas and Kuhn. June 8	June 6, 1928—W CHURCH 89 N HILL, N 25 W 101-9 S 25 E 101-9. H. S. Thomson vs G. Erickson and Morris Bernan. \$102.41	June 7, 1928—E 26th AVE. 225, 250 S Lawton S 25 x E 120. A J Ruhlman & Co vs Wm H and Dorothy B Mac- Kenzie. \$36
June 11, 1928—NE HARVARD & PI- OCHE. Miss Susan Dawson to Henry Erickson. June 8, 1928	June 6, 1928—S HOLLOWAY AVE. and Bright E 50 x S 115. K. G. Lund- quist and A. Crivelli (as Rincon Iron Works) vs S. Mathewson and E. L. Fullerton. \$112	June 7, 1928—E LEAVENWORTH 115 N Jackson N alg E Leavenworth 26- 11 1/2 x E 137-6 Ptn 50 V Lot 891. Roberts Mfg Co vs A L Lundy. \$303.58
June 11, 1928—E 24th AVE 125 S MOR- AGA 25x120. O. S. Almie to whom it may concern. June 9, 1928	June 6, 1928—S HOLLOWAY AVE. 50 E Bright E 50 x S 115. K. G. Lund- quist and A. Crivelli (as Rincon Iron Works) vs S. Mathewson and E. L. Fullerton. \$88	June 7, 1928—S VALLEY 120 E NOE being approx 25x100 and being ptn Blk 124 HA. N A. R W and Herman Hanson (as Hanson Bros) vs George Bugar. \$375
June 11, 1928—W PIERCE 249.406 S Capra Way S 25 x W 100 Ptn Marina Gardens. J. Hartley Russell to whom it may concern. June 9, 1928	June 6, 1928—S HOLLOWAY AVE. 100 E Bright E alg S Holloway Ave 50 x S 115. K. G. Lundquist and A. Crivelli (as Rincon Iron Works) vs S. Mathewson and E. L. Fullerton. \$37.50	June 7, 1928—S FLOURNAY 150 W Rhine Lot 19 Blk O Mission St Land Co. H R Cinnamond vs Joseph Met- calf. \$56
June 11, 1928—25x100 E VICTORIA S Holloway St. Wesley Donaldson to whom it may concern. June 11, 1928	June 6, 1928—NE BEVERLY & Shield N alg Beverly 50 x E 50. Bay Con- crete Co. (consisting of Severino A. Seghieri and Alessandro Caccia and Pietro Micheli) vs W. S. Barron and H. H. Putnam. \$198.45	June 7, 1928—NE MUNICH & RUSSIA N 100 x E 100 Ptn Blk 6094 Lot 9. San Francisco Terrazzo Assn vs D J Schultheis, Harry Wesselle and Ter- esa H Wesselle. \$308
June 11, 1928—W PIERCE 75 N EDDY. Thos. W. Rutherford to Park Mc- Donald. June 11, 1928	June 6, 1928—E BEVERLY 50 N Shield N 50 x E 50. Bay Concrete Co. (con- sisting of Severino A. Seghieri and Alessandro Caccia and Pietro Micheli vs W. S. Barron and H. H. Putnam. \$198.45	June 7, 1928—S O'FARRELL 82-6 E Steiner E 55 x S 100 Ptn WA 360. A G Atwood vs Simon Lindner, George Phylar and George Hook. \$306.58
June 11, 1928—W FILLMORE 324.497 S from pt of int. W Fillmore with SE Retiro Way S and alg Fillmore 50 x W 100 Ptn Marina Gardens. J. M. Nordell to whom it may concern. June 11, 1928	June 6, 1928—LOT 18 BLK 2987 Clare- mont Court. K. G. Lundquist and A. Crivelli (as Rincon Iron Works) vs S. Mathewson and E. L. Fullerton. \$37.50	June 7, 1928—LOT 19 BLK O Sub pty of Mission St Land Co. Excelsior Hardware Co vs Joseph and Elizabeth Metcalf. \$81.91
June 11, 1928—W MISSION & SANTA ROSA AVE. NW alg Santa Rosa Ave 100 x SW 50. Antonio Conti to Louis Cereghino & Son. June 11, 1928	June 6, 1928—LOT 19 BLK O Mission St. Land Co., also known as Lot 19 Blk 7169. J. K. Mulloy and G. V. Mulloy (as Mulloy Plastering Co.) vs Joseph and Elizabeth Metcalf. \$76	June 7, 1928—E 26th AVE. 225 S LAW- TON 25 x E 120. Reinhart Lumber & Planing Mill Co vs W H Macken- zie. \$940.59
June 11, 1928—NW LONDON 150. 175 NE ITALY. Lindsay Construction Co. to whom it may concern (two com- plements). June 11, 1928	June 6, 1928—W FILLMORE 225 S Beach rung th at right angles W from W Fillmore 101.516 SE 27.626 E 90 N 25 to beg. J. J. Deluchhi vs Louis R. and Birgit or Brigit Ander- son. \$1439	June 7, 1928—E 26th AVE 250 S LAW- TON 25 x E 120 N 25 W to pt of beg. Reinhart Lumber & Planing Mill Co vs W H Mackenzie. \$911.10
June 9, 1928—E TWENTY-FOURTH Ave 125 S Moraga, 25x120. O S Almie to whom it may concern. June 9, 1928	June 6, 1928—W 16th AVE. 305 S TA- RAVAL S 24-10 x W 120. Pacific Mill & Cabinet Co. vs Bernhard Kari. \$112	June 7, 1928—SE LAWTON & 26th Ave E 350 x S 25 E 120 N 25 W 120 to beg. San Francisco Terrazzo Assn vs Wm H MacKenzie. \$50.50
June 9, 1928—NE HARVARD AND Pioche. Miss Susan Dawson to Henry Erickson. June 8, 1928	June 6, 1928—S GEARY 120 W LARK- IN W 40 x S 120 Lot 11 Blk 716. Lee Hardware Co., Inc. vs E. V. Lacey, M. E. Vukicevich and Title Ins. and Guar. Co. \$1933.60	June 7, 1928—SE LAWTON & 26th Ave 225 E on E 26th Ave S 25 x E 120. San Francisco Terrazzo Assn vs Wm H MacKenzie. \$50.50
June 12, 1928—E DOUGLAS 124-6 S 19th S 24-6 x 125. Dionicia Kardassakia to whom it may concern. June 4, 1928	June 6, 1928—LOT 6 BLK 1 RAILROAD Hd. Assn. Map No. 2. Bay Concrete Co. (consisting of Severino A Seghieri and Alessandro Caccia and Pietro Micheli vs W. S. Barron and H. H. Putnam. \$237.46	June 7, 1928—W 16th AVE 205 S TA- RAVAL S 24-10 x W 120. The Cali- fornia Door Co vs Bernhard Kari. \$75.25
June 12, 1928—W STEUART bet. How- ard and Pacific 168 to 174 Stewart. Southern Pacific Co. to N. J. LaVoie June 6, 1928	June 6, 1928—LOT 7 BLK 1 RAILROAD Hd. Assn. Map No. 2. Bay Concrete Co. (consisting of Severino A Seghieri and Alessandro Caccia and Pietro Micheli vs W. S. Barron and H. H. Putnam. \$237.46	June 7, 1928—W 16th AVE 205 S TA- RAVAL S 25 x W 120. Spring Val- ley Lumber Yard vs Bernhard Kari. \$817.60
June 12, 1928—E 21st AVE. 75 N WA- WONA N 50 x E 120 S 25 W 37-6 S 25 W 82-6 Lots 20 to 23 Blk 2959 Sub 4 Miraloma Park, Lot 11 Blk 2960 Sub 4 Miraloma Park. Meyer Bros to whom it may concern. June 11, 1928	June 6, 1928—LOT 8 BLK 1 RAILROAD Hd. Assn. Map No. 2. Bay Concrete Co. (consisting of Severino A Seghieri and Alessandro Caccia and Pietro Micheli vs W. S. Barron and H. H. Putnam. \$237.46	June 6, 1928—E 17th AVE 125 N VI- CENTE N 50 x E 120, \$473.10; W 16th Ave 305 S Taraval S 24-10 x W 120, \$284.50. Eureka Sash Door & Mould- ing Mills vs Bernhard Kari. \$473.10
June 12, 1928—E 29th AVE 50 S KIRK- HAM S 50 x E 95. John E. and Ethel McCarthy to whom it may concern. June 9, 1928	June 6, 1928—LOT 9 BLK 1 RAILROAD Hd. Assn. Map No. 2. Bay Concrete Co. (consisting of Severino A Seghieri and Alessandro Caccia and Pietro Micheli vs W. S. Barron and H. H. Putnam. \$237.46	June 8, 1928—S GEARY 120 W LARK- IN W 40 x S 120. C. J. HHLard Co. Inc., \$3864; California Concrete Co., \$208, vs V. E. Lacey, Mike M. Vuk- icevich
June 12, 1928—W 25th AVE. 200 N MORAGA 25x120. R. E. Chipperfield to whom it may concern. June 12, 1928	June 6, 1928—NE BEVERLY & Shields N 60 x E 50. W. E. Trousdale vs W. S. Barron and H. H. Putnam. \$294.50	June 8, 1928—E JONES 107-6 N TURK N 57-6 E 107-6. Reinhart Lbr and Planing Mill Co. vs Musician Hall As- sociation and J. D. Woodside. \$485.66
June 12, 1928—W 25th AVE. 22 N MORAGA 25x120. R. E. Chipperfield to whom it may concern. June 12, 1928	June 6, 1928—E BEVERLY 50 N Shields N 60 x E 50. W. E. Trousdale vs W. S. Barron and H. H. Putnam. \$294.50	June 8, 1928—LOT 19 BLK O Mission St. Land Co., also known as Lot 19 Blk 7169. Frank M. Blessing, Stephen Baciocco and Paul Ghirardelli (as New Mission Sheet Metal Works) vs Joseph and Elizabeth Metcalf. \$85
June 11, 1928—COM 40 S FROM S Greenwich and 225 W from W Baker S 42-6 W 108-3 1/2 m or l to E Lyon N 42-6 1/2 m or l E 106 M B 570. Henry H Simons to whom it may concern. June 9, 1928	June 6, 1928—N BROAD 99-6 E OR- IZABA Ave 24-10 1/2 x N 125. W. E. Trousdale vs W. S. Barron and H. H. Putnam. \$294.50	June 8, 1928—SE HOLLOWAY and Bright E alg S Holloway 50 x S 115. W. P. Fuller & Co. vs S. and Elsie Matheson. \$90
	June 6, 1928—N BROAD 149-3 E OR- IZABA Ave 24-10 1/2 x N 125. W. E. Trousdale vs W. S. Barron and H. H. Putnam. \$294.50	June 8, 1928—COMG 225, S LAWTON S 25 x E 120; comg 250 S Lawton S 25 x 120. Robert A. Currie and Ar- thur Parsons (as Pacific Sheet Metal and Furnace Co.) vs Wm. H. Mac- Kenzie. \$184.94
	June 6, 1928—N BROAD 124-4 1/2 E OR- IZABA Ave E 24-10 1/2 x N 125. W. E. Trousdale vs W. S. Barron and H. H. Putnam. \$294.50	June 9, 1928—W 16th AVE 38 S Pacheco S 31 x W 107-6. Reinhart Lumber & Planing Mill Co. vs H. W. Armbrust. \$558.46

LIENS FILED

San Francisco County

Recorded	Amount
June 6, 1928—S GEARY 120 W LARK- IN W 40 x S 120. Walter G. Thomp- son vs M. E. Vukicevich and or E. V. Lacey. \$3014	
June 6, 1928—SW 16th AVE & TA- RAVAL dist. 305 rung alg W 16th Ave S 48.20 x W 120. San Francisco Terrazzo Assn. vs B. Kari. \$123.20	
June 6, 1928—NE 17th AVE & VI- CENTE dist. thereon alg E 17th Ave. 150 N th alg E 17th Ave 50 N th at right angles as E 120 S 50 W 120. San Francisco Terrazzo Assn. vs B. Kari. \$163.70	
June 6, 1928—S GEARY 120 W LARK- IN W alg S Geary 40 x S 120. Wal- worth California Co. vs E. V. and Veronica Lacey, Lacey Inv. Co. and M. E. Vukicevich. \$508.06	
June 6, 1928—LOT 19 BLK O Map Sub	

June 11, 1928—PTN LOTS 36 and 1 Blk 2891 Map Laguna Honda desc'd: Comng SE curve line Hernandez Ave dist 6 NE from SW line lot 36 rung SE 190 to pt on SE curve line lot 36 dist 8.1425 NE from SW line lot 36 and SE line lot 1 dist 37 NW 100 to pt on SE curve line Hernandez Ave dist 3 NE from SW line lot 1 SW alg Hernandez Ave 32 to beg. Ptns lots 35 and 36 Blk 2891 Map Laguna Honda Park desc'd: Comng SE curve line Hernandez dist 10 NE from SW line lot 35 rung SE 100 to pt on SE curve said lot 25 dist 12.2855 NE from SW line lot 35 rung NE alg SE line lot 35 and SE line lot 36 dist 37 N W 100 to pt on SE curve line Hernandez Ave dist 6 NE from SW line lot 36 W 32 to beg. Atlas Heating & Ventilating Co. vs R. E. and Eva M. Giller.....\$190

June 11, 1928—COMG NE LINE LOT 16 Blk 2890 Map Laguna Honda Park desc'd: Comg SE line Balceta Ave rung SE alg NE line lot 16 and NW line lot 16 and N W line lot 15 dist 32 and th SW parll with SE line lot 16 dist 115 m or l to NE line Laguna Honda Blvd. alg last line S m or l to int. of line drawn SW parll with SE line lot 16 from pt of beg NE alg line so drawn 102 m or 1 to pt of beg being ptn lots 15 and 16 Blk 2890 Laguna Honda Park. Atlas Heating & Ventilating Co. vs R. E. and Eva M. Giller.....\$190.50

June 11, 1928—COM. AT INT. LINE Lot 16 Blk S with W Levant N 35 m or l to N bdy line Lot 16 W 90 m or l to bdy Lot 16 S 49 to S bdy line Lot 16 E 100 m or l to W Levant Lot 16 Blk S Map Corona Heights except Ptn now included in Levant. Jacob Sehrrs, \$85; George Beveridge, \$18 vs Chas E Schuetz, Albert Stone and F C and Minnie Fry.....\$190

June 11, 1928—N MALLOCA WAY & Alhambra N 55° 30' 14" W alg NE Mallorca Way 50.194 N 34° 9' 46" E 100 S 55° 50' 14" E 61.406 SW 100.636 to beg Ptn Marina Gardens Blk 462-A. Chicago Lumber Co. of Washington vs Bessie Cooley.....\$327.45

June 11, 1928—NW FELL AND BUCHANAN W 55 N 80 E 55 S 80 Com 80 from N Fell th 40 on W Buchanan th at right angles 55 on Linden Ave S 40E to beg. James Baird, \$58.50; Donald Sinclair, \$45.50; John MacPherson, \$126; Thomas Hill, \$58.50 vs Cecilia and Fred Hechter and Title Ins & Guar Co.....\$327.45

June 12, 1928—LOT 19 BLK O Mission St. Land Co. A. L. Stockton Lbr. Co. vs Joseph and Elizabeth Metcalf.....\$65.60

June 8, 1928—S PINE 92 E STOCKTON E 45-6 S 80 W 20 N 2-6 W 25-6 N 77-6. Isaac Friedman and Abraham Friedman (as Friedman Bros) vs S. E. V. and Veronica E. Lacey, & Lacey Investment Co.....\$1580

June 11, 1928—S VALLEY 130 E NOE E alg S Valley 25 x S 100. Standard Buildings Materials Co. vs George Burger.....\$250

RELEASE OF LIENS
SAN FRANCISCO COUNTY

Recorded Amount
June 6, 1928—232-256-244-268 HURON Ave. Western Furnace & Sheet Metal Works to whom it may concern.....

June 6, 1928—E PENNSYLVANIA Ave. 60 N 22nd N alg E Pennsylvania Ave. 100 S 104-4 or l to pt dist N 132-6 from N 22nd measured at right angles thereto and dist. 100 E from E Pennsylvania Ave. measured at right angles thereto S and parll to E Pennsylvania Ave. 73-6 W 100 ptn Pn 320. Toni Coia to whom it may concern.....

June 6, 1928—E DIVISADERO 150 S Marina Blvd. S 25 E 106-3 N 15 E 25 N 10 W 131-3 WA 479. Western Lime Cement Co., Holmes Lime & Cement Co. to G. Kingston and Edith W. Griffith.....

June 7, 1928—E 17th AVE 125, 150 N Vicente N 25 x E 120. The California Door Co to Bernhard Karl.....

June 7, 1928—W FILLMORE 175 S Beach N 50 W 140 S 16.453 S 33° 49' 56" E 36.934 m or l E 124.547. O R

Thayer to Alexander Elliott and The Elliott Bldg Co.....

June 7, 1928—E 30th AVE 200 N KIRKHAM E 120 x N 50. Rosehan-Batchelor-Finch Co. N H Johnson and Albert A. Plage.....

June 9, 1928—1506 or 378 E PENNSYLVANIA 60 N 22nd N 100 S 104-4 m or l S 73-6 W 100. Joe Bertolino to Mariano and Bonifacia Esteberg.....

June 9, 1928—COMG 100 ACACIA AVE and 100 N Joost Ave which pt is at intersect. line perpen to Acadia Ave with perpen line 46 said Joost Ave. rung E and parll with N Joost Ave 75 N to NE bdy line Blk 47 NW and alg NE bdy line Blk 47 dist 75 m or l to lue drawn N and parll with E Acadia Ace from pt of beg S and alg said line so drawn parll to E Acadia Ave to pt of beg being known as lot 26 blk 6767 Assessor's Map and being blk 47 Sunnyside. W. Smith to whom it may concern.....\$165

June 9, 1928—S BRAZIL AVE. and Paris S 50 x SW 24-8. Philip Tabacco to A. J. Simonelli, V. Guiseppi, and Grace Silvestri.....

June 9, 1928—SE BRAZIL AVE and Paris W 25 x S 50. Frank E. Barabotto; Andy Kosch, to whom it may concern.....

June 9, 1928—S PARIS & BRAZIL SW 24-8 x SE 50. S. Leibovitch and E. Cazzola (as National Sheet Metal Works) to Albert Dean to Guiseppi Silvestri.....

June 9, 1928—S PARIS & BRAZIL SE 50 x SW 24-8. John Pellegrini (as Progressive Tile & Mantel Co.) to A. J. Simonelli and G. Silvestri.....

June 9, 1928—S PARIS & BRAZIL SE 50 x SW 24-8. W. B. Jefferson (as The Greater City Lumber Co.) to Giuseppe and Grace Silvestri and A. J. Simonelli.....

June 9, 1928—S PARIS & BRAZIL SW 24-8 x SE 50. Albert Dean to Giuseppe Silvestri.....

June 9, 1928—S PARIS & BRAZIL SW 50 x SE 24-8. C. E. Delucchi to Giuseppe and Grace Silvestri.....

June 8, 1928—1610 or 230 LOT 15 BLK 9 Ingleside Terrace. California Steel Products Co. to Domestic Engineering Corp. and Thomas J. Stephens.....\$60

BUILDING PERMIT APPLICATIONS
Alameda County

No.	Owner	Contractor	Amt.
1285	Ball	Hauna	6000
1286	Berkeley	Owner	4100
1287	Berkeley	Owner	1270
1288	Soari	Owner	650
1289	University	Walker	350000
1290	California	Owner	30000
1291	Lewis	Metoyer	3500
1292	Bugg	Beadell	10000
1293	College	Connor	48000
1294	Dunn	Owner	5000
1295	Kraus	Owner	5000
1296	Meese	Orton	6500
1297	Neal	Owner	5000
1298	Tweed	Owner	6000
1299	Tweed	Owner	100000
1300	Werner	Bay	10000
1301	Dowling	Owner	3500
1302	French	Owner	5000
1304	Baker	Owner	8500
1305	Byrud	Owner	2200
1306	Federal	Moore	6300
1307	Hawes	Owner	3900
1308	Lynn	Owner	9000
1309	Malley	Smith	17000
1310	Miller	Owner	3000
1311	Reed	Lassen	1000
1312	Swanson	Owner	12000
1316	Standard	Oak	2000
1317	Widney	Brown	3500
1318	Anloff	Anloff	4000
1319	Swanagan	Freeberg	2200
1313	Trezona	Soder	2000
1314	Lantry	Owner	3750
1315	Schneider	Toow	1800
1320	Bonnett	Beckett	6100
1321	Hink	Anloff	1870
1322	Ross	Owner	4500
1323	Sass	Same	1500
1324	Rhorer	Spunt	4500
1325	Steinwetz	Thorp	2000
1326	Groom	Trippell	4250
1327	Middlekauff	Owner	2100
1328	Port of Oakland	Moore	62150
1329	National	Graves	1800
1330	Rehl	Owner	1000

RESIDENCE
(1285) 1073 CRAGMONT AVE., Berkeley; 1-story 6-room 1-family residence.
Owner—E. H. Ball, 1537 Holley St., Berkeley.
Architect—Francis Reed, 1630 Josephine St., Berkeley.
Contractor—J. E. Hauna, 1532 Holley St., Berkeley. \$600

ALTERATIONS
(1286) GROVE AND ALLSTON WAY, Berkeley; alterations.
Owner—Berkeley School Dept., Berkeley.
Architect—Berkeley School Dept., Berkeley. \$1100

ALTERATIONS
(1287) 2072 BONAR ST., Berkeley; alterations.
Owner—Berkeley School Dept., Berkeley.
Architect—None. \$1250

RESIDENCE
(1288) 1370 BERKELEY WAY, Berkeley; 1-story 10-room 2-family residence.
Owner—Anton Saari, 1819 10th St., Berkeley.
Architect—None. \$6500

DORMITORY
(1289) PRIM. WAY APPROACH, University Grounds; 4 to 6-story 160-room dormitory, class A concrete.
Owner—University of California, Berkeley.
Architect—Geo. W. Kelham, 315 Montgomery St., San Francisco.
Contractor—P. J. Walker, Sharon Bldg. San Francisco. \$350,000

PLANT
(1290) E 29th AVE. & S. P. right of way, 2-story concrete plant.
Owner—California Packing Corp. 101 California St., San Francisco.
Architect—None. \$30,000

RESIDENCE
(1291) NO. 1715 CARLTON ST., Berkeley One-story 6-room 1-family residence
Owner—Lewis, 1377 34th St., Oakland.
Architect—W. A. Metoyer.
Contractor—Metoyer & Martin, 560 17th St., Oakland. \$3500

RESIDENCE
(1292) 150 SO HAMPTON ROAD, Berkeley; 2-story 8-room 1-family residence.
Owner—Grace L. Bugg and Carl W. Ahlin, 1841 San Pedro Ave., Berkeley.
Architect—W. W. Dixon, 1844 5th Ave., Oakland.
Contractor—Beadell & Lang, 904 Spruce St., Berkeley. \$10,000

CLUB BLDG.
(1293) 2608 BANCROFT WAY, Berkeley; 2-story 35-room women's club, stucco finish.
Owner—College Women's Club, Berkeley.
Architect—Walter Steilberg, 1 Orchard Lane, Berkeley.
Contractor—Connor & Connor, 726 Grove St., Berkeley. \$45,000

DWELLING
(1294) 1243 BATES ROAD, Oakland; 1-story 5-room dwelling.
Owner—Lelan M. Dunn, 2109 8th Ave.
Architect—Chas. Williams, 337 15th St. \$5000

DWELLING
(1295) N MT. BLVD. 75 W BURDECK Drive, Oakland; 1-story 6-room dwelling.
Owner—H. E. Kraus, 3216 60th Ave.
Architect—G. W. McPherson, 319 14th St. \$5300

DWELLING & GARAGE
(1296) 4430 EDGEWOOD AVE., Oakland.
Owner—Edwin Meese, Jr., no address.
Architect—None.
Contractor—A. E. Orton, 5748 E 14th St. \$6500

DWELLING & STORES
(1297) S BOND ST., 188 E AVENAL; 1-story 8-room dwelling and stores.
Owner—Chas. A. Neal, 2441 65th Ave.
Architect—None. \$5000

GARAGE
(1298) E GLEN AVE. 200 S LINDA, Oakland; 1-story concrete garage.
Owner—Henry E. Tweed, 4035 Greenwood Ave., Oakland.
Architect—None. \$6000

APARTMENTS

(1239) 2531 HEARST AVE., Berkeley; 3-story 72-room 39-family apartment house.
Owner—Henry E. Tweed, 4035 Greenwood Ave., Oakland.
Architect—W. W. Dixon, 1844 5th Ave., Oakland. \$100,000

ALTERATIONS

(1300) 1960 BROADWAY, Oakland; alterations.
Owner—Frank Werner Co., 1960 Broadway, Oakland.
Architect—Ward & Blohme, 310 Sansome St., San Francisco.
Contractor—Ray City Cabinet Co., 1076 5th St., Oakland. \$10,000

RESIDENCE

(1301) 2313 SUMMER ST., Berkeley; 1-story 5-room 1-family residence.
Owner—Geo. F. Dowling, 424 Laguintus Ave., Oakland.
Architect—None. \$3500

RESIDENCE

(1302) 743 SPRUCE ST., Berkeley; 2-story 9-room 1-family residence.
Owner—F. S. French, 17 Alvis Road, San Francisco.
Architect—A. W. Lukin, 445 Boynton St., Berkeley. \$5000

ALTERATIONS

(1303) NE COR. 17th & BROADWAY, Oakland; alterations.
Owner—Great Western Power Co., 530 Bush St., San Francisco.
Architect—None.
Contractor—S. Kulchar Co., 731 E 10th St., Oakland. \$32,000

DWELLING

(1304) NO. 882 PARAMOUNT ROAD, Oakland. Two-story 8-room dwlg.
Owner—W. J. Baker, 2255 Ransome Ave., Oakland.
Architect—None. \$8500

FACTORY

(1305) NW SEVENTY-SECOND AND Hawley, Oakland. One-story factory.
Owner—Henry Byrud, 2137 13th Ave., Oakland.
Architect—None. \$2200

ALTERATIONS

(1306) NO. 1114 WASHINGTON ST., Oakland. Alterations.
Owner—Federal Telegraph Bldg., 12th and Washington Sts., Oakland.
Architect—None.
Contractor—John J. Moore Co., 354 Hobart St., San Francisco. \$6300

SHOP

(1307) NO. 1522 TWENTY-THIRD AVE., Oakland. One-story tile shop.
Owner—H. E. Hawes, Premises.
Architect—None. \$3900

DWELLING

(1308) NO. 947 SUNNYHILLS ROAD, Oakland. Two-story 8-room dwelling.
Owner—Willis Lynn, 506 Richfield Oil Bldg., Oakland.
Architect—None. \$9000

BANK BLDG.

(1309) N LAKE PARK AVE 150 E Walker, Oakland. One-story Brick Bank and Stores.
Owner—F. T. Malley, 3788 Lake Shore Ave., Oakland.
Architect—A. W. Smith, 16th & San Pablo, Oakland. \$17,000

DWELLING

(1310) 7330 HILLMONT AVE., Oakland. One-story 4-room dwelling.
Owner—Edmund Miller, 7330 Hillmont Ave., Oakland.
Architect—None. \$3000

ADDITION

(1311) 5475 COLLEGE AVENUE. Addition.
Owner—M. Reed, 5474 College Ave., Oakland.
Architect—None.
Contractor—L. A. Lassen, 5532 Manila Ave., Oakland. \$1000

DWELLINGS

(1312) 2020-22 & 2032-4 NINTH AVE., Oakland. Two 2-story 12-room 2-frame dwellings.
Owner—A. W. Swanson, 3016 Kansas St., Oakland.
Architect—None. \$6000 each

ALTERATIONS

(1313) NO. 2459 WEBSTER ST., Berkeley. Alterations.
Owner—Miss Trezona.
Architect—None.
Contractor—O. Soder, 3028 Colby Ave., Berkeley. \$2000

RESIDENCE

(1314) NO. 1517 CARLTON ST., Berkeley. One-story 5-room residence and garage.
Owner—J. T. Lantry, 739 Aileen St., Oakland.
Architect—None. \$3750

ALTERATIONS

(1315) NO. 66 HILLCREST ROAD, Berkeley. Alterations.
Owner—E. J. Schnieder.
Architect—None.
Contractor—G. L. Toow, 533 Apgar St., Oakland. \$1800

STATION

(1316) NO. 2309 COLLEGE AVE., Berkeley. Gasoline service station.
Owner—Standard Oil Co.
Architect—H. L. Philbrick Builders' Exchange Bldg., Oakland.
Contractor—Oak Street Bldg. Co., Oakland. \$2000

RESIDENCE

(1317) NO. 98 NORTHAMPTON ROAD, Berkeley. One-story 4-room 1-family residence.
Owner—Mr. Widney.
Architect—E. L. Snyder, Berkeley.
Contractor—B. M. Brown, 1531 Blake St., Berkeley. \$3500

DWELLING

(1318) 1201 HOLMAN ROAD, Oakland; 2-story 6-room dwelling.
Owner—Dorothy D. Anloff, no address.
Architect—None.
Contractor—E. A. Anloff, 748 Mathews Road, Oakland. \$4000

DWELLING

(1319) SE COR. E 21st ST. & 21st AVE., Oakland; 1-story 4-room dwelling.
Owner—H. N. Swanagan, 2101 E 21st St., Oakland.
Architect—None.
Contractor—Chas. J. Freeberg, 276 48th Ave., Oakland. \$2200

RESIDENCE

(1320) NO. 130 SCENIC AVE., Piedmont. One-story 6-room frame residence and garage.
Owner—Mrs. Robert Bonnett, 722 Scenic Ave., Piedmont.
Architect—F. Keefer, 1624 Franklin St., Oakland.
Contractor—Beckett & Wight, 624 Scenic Ave., Piedmont. \$6100

ALTERATIONS

(1321) NO. 2123-25 SHATTUCK AVE., Berkeley. Alterations.
Owner—L. W. Hink.
Architect—None.
Contractor—E. A. Anloff, 748 Mathews St., Oakland. \$1870

RESIDENCE

(1322) NO. 2413 CURTIS ST., Berkeley. One-story 8-room 2-family residence.
Owner—Werner Ross, 1134 Channing Way, Berkeley.
Architect—G. Johanson, 1357 Northampton Road, Berkeley. \$4500

RESIDENCE

(1323) NO. 2415 CURTIS ST., Berkeley. One-story 3-room 1-family residence.
Owner—Werner Ross, 1134 Channing Way, Berkeley.
Architect—G. Johanson, 1357 Northampton Road, Berkeley. \$1500

RESIDENCE

(1324) NO. 466 MICHIGAN AVE., Berkeley. One-story 6-room 1-family residence.
Owner—J. Rhorer, 1728 8th Ave., Oakland.
Architect—None.
Contractor—J. W. Spunt, 1221 Oregon St., Berkeley. \$4500

ALTERATIONS

(1325) NO. 115 ALVARADO ROAD, Berkeley. Alterations.
Owner—W. F. Steinwetz.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. \$2000

DWELLING

(1326) NO. 4627 ALLENDALE AVE., Oakland. One-story room dwelling and one-story garage.
Owner—S. F. Groom, 1652 100th Ave., Oakland.
Architect—None.
Contractor—Karl Trippell, 1652 100th Ave., Oakland. \$4250

DWELLING

(1327) NO. 1121 SIXTIETH AVE., Oakland. One-story 3-room dwelling.
Owner—E. E. Middlekauff, Premises.
Architect—None. \$2100

HANGAR

(1328) OAKLAND MUNICIPAL AIRPORT. Steel hangar.
Owner—Port of Oakland, 424 Oakland Bank Bldg., Oakland.
Architect—None.
Contractor—Moore Drydock Co., Foot of Adeline St., and J. A. Lloyd, 4015 Maple Ave., Oakland. \$62,150

GARAGE

(1329) S E-TENTH ST. 300 E Forty-seventh Ave., Oakland. One-story garage.
Owner—National Lead Co. of Calif., 47th Ave. and E-10th St., Oakland.
Architect—None.
Contractor—J. L. Graves, 629 Valle Vista Ave., Oakland. \$1800

ADDITION

(1330) NO. 2301 NINETIETH AVE., Oakland. Addition.
Owner—Jack Rehl, 2301 90th Ave., Oakland.
Architect—None. \$1000

BUILDING CONTRACTS

Alameda County

177 Southern	Dinnie	1571
178 Warner	Haskell	22430
179 Ahlin	Lane	13000
180 Howard	Walsh	32500
181 Mountain	Zelinsky	4430
182 Verner	Bay	10800
183 Ballagh	Monez	4057
184 Mahoney	Badger	700
185 Williams	De Velbiss	5394

VAULTS FOR RECORDS

(177) OAKLAND; construct vaults for records.

Owner—Southern Pacific Co., 13th and Broadway, Oakland.

Architect—None.

Contractor—Dinnie Const. Co., 870 20th, Oakland.

Filed June 7, 1928.

At end of month.....75%

(of labor and material).....25%

Usual 35 days.....TOTAL COST, \$1571

Bond, \$1571. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit,

60 calendar days. Plans and Spec. filed.

RESIDENCE & GARAGE

(178) LOT 2 BLK 2, ARLINGTON VISITA SITE, Berkeley; 2-story and basement 12-room residence and garage.

Owner—Mrs. Ethel U. Warner, Livermore.

Architect—Williams & Wastell.

Contractor—Albert A. Haskell, 255 Ridge-way, Oakland.

Filed June 7, 1928. Dated May 17, 1928.

When rough bldg. frame.....\$4215

When brown coat plastered.....4215

When ready for paint.....4215

Upon completion.....4215

Usual 35 days.....5620

TOTAL COST, \$22,480

Limit, 120 working days after May 17.

Plans and Spec. filed.

DWELLING

(179) PTN LOT 2 BLK 4, Arlington Villa Sites, Berkeley; all work on 2-story and basement frame dwelling,

8-rooms; laundry and garage in basement.

Owner—Carl W. and Grace Helen Ahlin, and Grace L. Bugg, 1841 San Pedro Ave., Berkeley.

Architect—None.

Contractor—R. Beadell and Geo. J. Lane, 909 Spruce St., Berkeley.

Filed June 7, 1928. Dated June 5, 1928.

When 2nd floor is framed.....\$2600

When roof is completed.....2600

When plastering is completed.....2600

When completed and accepted.....2600

Usual 35 days.....2600

TOTAL COST, \$13,000

Limit, 128 working days after June 10.

WAREHOUSE

(180) FIRST & MARKET STS., Oakland; all work on 1-story steel warehouse.
 Owner—Howard Co. 2735 Broadway, Oakland.
 Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
 Contractor—James T. Walsh, 603 Woodland, San Leandro.
 Filed June 8, 1928. Dated May 3, 1928.
 Net cost.....\$31,000
 Fee.....1,500
 NOT TO EXCEED \$32,500
 Limit, 90 calendar days. Plans and Spec. filed.

PAINTING & DECORATING

(181) N TERMINUS PIEDMONT AVE.; painting and decorating.
 Owner—Mountain View Cemetery Assn., Piedmont.
 Architect—None.
 Contractor—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.
 Filed June 8, 1928. Dated May 12, 1928.
 Monthly.....75%
 Usual 35 days.....25%
 TOTAL COST, \$4,420
 Bond, \$2,215. Sureties, Commercial Casualty Ins. Co. Plans and Spec. filed.

CARPENTER WORK, ETC.

(182) IN STORE ELK CLUB BLDG., 20th and Broadway, Oakland; carpenter work, cabinet and millwork, wall cases, counter cases, etc.
 Owner—Frank Werner Co., 1960 Broadway, Oakland.
 Architect—Ward and Blohme, 310 Sansome St., San Francisco.
 Contractor—Bay City Cabinet Co., (Carl Bersch, proprietor), 1076 5th St., Oakland.
 Filed June 8, 1928. Dated June 4, 1928.
 On 1st and 15th of each month.....75%
 36 days after acceptance.....25%
 TOTAL COST, \$10,800
 Limit, 1st day of August. Plans and Spec. filed.

DWELLING

(183) PTN LOTS 85 AND 86 BLK 1055, Dimond 45 Acres, Oakland. All work for one-story 5-room dwelling garage and sleeping porch.
 Owner—Geo. Ballagh.
 Architect—None.
 Contractor—A. H. Monez, 4036 Everett St., Oakland.
 Filed June 11, '28. Dated June 6, '28.
 Frame up.....1/4
 Brown coat plaster on.....1/4
 On completion.....1/4
 Usual 35 days.....1/4
 TOTAL COST, \$4057
 Bond, none. Limit, 70 working days. Forfeit, \$1. Plans and specifications, none.

GARAGES

(184) NO. 2639 COLLEGE AVE., Berkeley. All work for four frame garages.
 Owner—Nettie F. Mahoney, 2639 College Ave., Berkeley.
 Architect—None.
 Contractor—Thos. N. Badger, 2946 Linden St., Berkeley.
 Filed June 11, '28. Dated Oct. 18, 1927.
 When completed.....\$25
 Monthly payments of.....25
 TOTAL COST, \$700
 Bond, limit, forfeit, plans and specifications, none.
 NOTE:—8% interest on deferred payments.

EXCAVATION, ETC.

(185) PTN LOT 1 BLK 1, Piedmont Acres, Piedmont; concrete foundation walls, piers, grading, excavating for residence and garage.
 Owner—Mrs. Chester Williams, 148 Bayo Vista, Berkeley.
 Architect—Miller and Warnecke, 1404 Franklin St., Berkeley.
 Contractor—C. Dudley De Velbiss, 2937 Forest, Berkeley.
 Filed June 12, 1928. Dated June 9, 1928.
 When forms are completed.....30%
 When completed.....45%
 35 days after acceptance.....Balance
 TOTAL COST, \$5394
 Forfeit, \$10. Limit, 30 working days after June 11. Plans and Spec. filed.

COMPLETION NOTICES

Alameda County

Recorded June 7, 1928—PTN LOTS 1 and 2 BLK M, Toler Heights, Oakland. Eric

Jacobson to whom it may concern..... June 7, 1928
 June 7, 1928—348 MITCHELL AVE., San Leandro. H B Mohr to whom it may concern..... June 7, 1928
 June 7, 1928—619 SANTA FE AVE., Albany. Edward M Sorensen to whom it may concern..... June 6, 1928
 June 7, 1928—LOT 29 PTN LOT 28 BLK 10, Havenscourt, Oakland. F W Conlogue to whom it may concern..... June 1, 1928
 June 6, 1928—LOT 25, Map of Lakeshore Ave., Oakland. L. B. Hoge to C. Dudley De Velbiss..... Feb. 29, 1928
 June 6, 1928—PTN LOT 22 BLK 61, Summit Drive Park (amended map of ptn of Sub No 1 of Park Place), Oakland. Henry Lofgran, (Adm. estate of A. E. Lofgran)..... May 25, 1928
 June 6, 1928—W LINE FARU ST. S 120 ft. of Bay Ave., Alameda. Dora O. Swayne to whom it may concern..... May 26, 1928
 June 6, 1928—N LINE ROSE ST. 80 W Scenic St., Berkeley. W. G. Needham to whom it may concern..... June 1, 1928
 June 6, 1928—3220 FRUITVALE AVE., Oakland. Elinor H. Forster to whom it may concern..... June 2, 1928
 June 6, 1928—LOT 25, Rock Island T'ct Berkeley. J. R. Langtry to whom it may concern..... June 2, 1928
 June 8, 1928—PTN LOT 14 BLK N Survey of Northern Exten. of Oakland, Oakland. Bekins Van & Storage Co. to S. Rodgers..... June 8, 1928
 June 9, 1928—W SIDE 2nd AVE. 80 ft. NE 12th St., Oakland. Chin Few to Sommarstrom Bros..... June 9, 1928
 June 9, 1928—882 CLEVELAND, Oakland. Robert J. Barr to Barr & Son..... June 9, 1928
 June 9, 1928—1412-14-16-18 ACTON ST., Berkeley. C. M. Beard to A. J. Pollard..... June 8, 1928
 June 9, 1928—LOT 276 BLK P, Fernside, Alameda. Karl S. Fredrickson to whom it may concern..... June 8, 1928
 June 8, 1928—LOT 244 UNIT C, Oak Knoll, Oakland. Glenn M. Bright to whom it may concern..... June 8, 1928
 June 8, 1928—LOT 15, MOORLANDS, San Leandro. Joseph Franklin to Joseph Franklin..... June 7, 1928
 June 8, 1928—807 OXFORD ST., Berkeley. H. W. Ennor to E. F. Henderson..... June 4, 1928
 June 8, 1928—LOTS 116, 117, Best Manor, San Leandro. Oakland Mortgage & Finance Co. to whom it may concern (two completions)..... June 5, 1928
 June 8, 1928—1445 VIRGINIA ST., Berkeley. Sven J. Haavik to whom it may concern..... June 1, 1928
 June 8, 1928—PTN BLK 3, Revised Map Piedmont Park, Piedmont. Piedmont Commercial Center to Fred J. Westlund..... January 13, 1928
 June 11, 1928—1400-06 ALLMAN ST., Oakland. Securities Inv. Corp. to A. Van Heerden; F. C. Stolte (two completions)..... March 29, 1928
 June 11, 1928—1420 ALLMAN ST., Oakland. Securities Inv. Corp. to A. Van Heerden..... April 13, 1928
 June 11, 1928—1420 ALLMAN ST., Oakland. Securities Inv. Corp. to F. C. Stolte..... April 13, 1928
 June 11, 1928—W SIDE WASHINGTON Ave 550 ft S of S limits San Leandro, Twmp of Eden. Pratt-Rymer Co. to R. E. Neikirk..... May 7, 1928
 June 11, 1928—PTN LOTS 16, 17 BLK B, New Town of Lynn, Oakland. Clarence A. Gustafson to whom it may concern..... June 1, 1928
 June 11, 1928—PTN PLOT 7 Kellersberger Map of Ranchos of Vincente and Domingo Peralta, Emeryville. C. K. Williams and Co. of Calif., to H. J. Christensen..... June 7, 1928
 June 11, 1928—1720 CORNELL DRIVE, Farnside, Alameda. William N. Ihrig to W. C. Thorpe..... June 7, 1928
 June 11, 1928—LOT 24 BLK B, Map M. C. Petersen ppty. Hayward. Guy Peters to whom it may concern..... June 9, 1928
 June 11, 1928—LOTS 65 & 66, Claremont Woodland Heights, Oakland. Mrs. Bernice L. Alsgood to whom it may concern..... June 9, 1928
 June 11, 1928—10614 BEVERLY AVE., Oakland. Anton E. Sater to whom it may concern..... June 11, 1928
 June 11, 1928—NW LINE CLAREMONT Ave., NE Miranda St 50 ft., Oakland. Lucy M. Bendle to A. D. Gorden..... June 11, 1928
 June 12, 1928—LOT 17 PTN LOT 16 Blk A, Everett Tract, Oakland. F. W. Conlogue to whom it may concern..... June 4, 1928

cern..... June 4, 1928
 June 12, 1928—LOT 116 PTN LOT 117 Blk 20, Amended map of Havenscourt, Oakland. F. W. Conlogue to whom it may concern..... June 4, 1928
 June 12, 1928—3244 SHEFFIELD ST., Oakland. C. W. Leekins to whom it may concern..... June 4, 1928
 June 12, 1928—3001 McKILLOP ROAD, Oakland. J. Rosenblatt to whom it may concern..... June 12, 1928
 June 12, 1928—1615 86th AVE., Oakland. John Allan to whom it may concern..... June 11, 1928
 June 12, 1928—2427 HAVENSCOURT ELVD., Oakland. John Fleming to whom it may concern..... June 11, 1928

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
June 7, 1928—LOT 8, \$62.37; LOT 43, \$62.37; LOT 44, \$62.37. Rigney Tile Co. vs Gordon Pierce & George Hillback	
June 6, 1928—PTN LOTS 11 and 12, H. C. Dohr Homestead, Oakland. General Mill & Lumber Co. vs John and C. F. Coburn and Geo. C. Nall.....\$203.01	
June 9, 1928—LOT 7 BLK F, Piedmont Knoll, Oakland. Frank Chuchill vs Elinor H. and James S. Forster.....\$411	
June 8, 1928—N LINE LAKE ST. E 380 ft. from Jackson St., Oakland. Jos. Casse vs Madison-Lake Corp., J. A. Bryant.....\$1864.34	
June 8, 1928—LOTS 12, 13 BLK C, Bella Vista Park, Oakland. Swanson Bros. vs J. E. Gray.....\$213.80	
June 8, 1928—LOT 7 BLK F, Piedmont Knoll, Oakland. L. W. Blake vs Elinor H. Forster.....\$1,590.75	
June 8, 1928—LOT 7 BLK F, Piedmont Knoll, Oakland. M. H. Wifely vs J. F. and Elinor Forster.....\$325	
June 11, 1928—LOTS 33 and 34 BLK 19 Amended map of Sunset Terrace, Albany. Tilden Lumber Co. vs Jas. and Helen Santry and T. M. Carlson.....\$225.26	

RELEASE OF LIENS

Alameda County

Recorded	Amount
June 11, 1928—LOT 7 BLK F, Piedmont Knoll. Large Bros. to James S. and Elinor Forster.....	\$180.01

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
 LOT 23 BLK 77, South San Francisco. All work for one-story and basement residence.
 Owner—Antonio Pianca, 12 Parkway, South San Francisco.
 Architect—None.
 Contractor—Ugo Serene et al, Lawndale.
 Filed June 7, '28. Dated May 31, '28.
 Roof on.....\$1350
 Plastered.....1350
 Usual 35 days.....1350
 TOTAL COST, \$4050
 Bond, \$2025. Sureties, W. H. Dinning and S. Pianca. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

ADDITION
 SOUTH SAN FRANCISCO. All work for addition to one-story and basement dwelling.
 Owner—Jesus Silva, South San Francisco
 Architect—None.
 Contractor—A. Pianca, 12 Parkway, South San Francisco.
 Filed June 7, '28. Dated May 29, '28.
 Roof on.....\$745
 Usual 35 days.....745
 TOTAL COST, \$1490
 Bond, \$745. Sureties, U. Bojdo and Anzelo Genovesi. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
 PART LOTS 3, 4 AND 5 BLK 5. Woodside Heights, San Mateo. All work for two-story frame residence.
 Owner—Harold M. Smith.
 Architect—None.
 Contractor—Meese & Briggs, 1425 Broadway, Burlingame.
 Filed May 31, '28. Dated May 25, '28.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$27,735.50

Bond, \$13,954.75. Surety, Great American Indemnity Co. Limit, by Oct. 31, 1928. Forfeit, none. Plans and specifications filed.

RESIDENCE

NEXT TO NO. 904 VERA ST., Redwood City. All work for one-story residence.

Owner—Ildebrondo Raffaelli.

Architect—None.

Contractor—A. De Benedetti.

Filed May 31, '28. Dated May 31, '28.

Roof on	\$750
Brown coated	750
Completed	750
Usual 35 days	750

TOTAL COST, \$3000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

LOT 9 BLK 5, High School Park, South San Francisco. All work for one-story and basement residence.

Owner—Lugia Ferrario.

Contractor—Antonio Pianca, Jersey Farm South San Francisco.

Filed May 31, '28. Dated May 26, '28.

Roof on	\$1500
Plastered	1500
Usual 35 days	1500

TOTAL COST, \$4500

Bond, \$2275. Sureties, Luigi Varni and S. Pianca. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE

WOODSIDE, San Mateo. All work for two-story residence.

Owner—Julian Thorne, Woodside.

Architect—Gardner A. Dailey, 425 Mason St., San Francisco.

Contractor—Meese & Briggs, 1425 Broadway, Burlingame.

As work progresses. Last payment

TOTAL COST, \$12,400

Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE

LOTS 4 AND 5 Tract Nofi 2, Gear Partition, San Mateo. All work for two-story residence.

Owner—Leonard C. Hammond, 1896 Pacific Ave., San Francisco.

As work progresses.

Architect—Gardner A. Dailey, 425 Mason St., San Francisco.

Contractor—Geo. Wagner, 181 South Park San Francisco.

Filed May 31, '28. Dated May 26, '28.

TOTAL COST, \$53,193 (Guaranteed)

Bond, none. Limit, 110 working days. Forfeit, none. Plans and specifications filed.

CHALET.

BELMONT COUNTRY CLUB. All work for one-story Alpine Chalet.

Owner—Alice Schultz.

Architect—None.

Contractor—Lloyd Crothers.

Filed June 5, '28. Dated May 17, '28.

Work commenced

Enclosed

Wallboard placed

Completed

Usual 35 days

TOTAL COST, \$3250

Bond, none. Limit, 90 working days

Forfeit, \$5. Plans and specifications filed

BUILDING PERMITS

SAN MATEO

RESIENCE, one-story, \$7500; Lot 11 Blk A, Palm Ave., San Mateo; owner, A. Gagle, Redwood City; architect, Chas. Strothoff, 2275 15th St., San Francisco; contractor, Charles Hammer, 1524 Floribunda Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded

May 31, 1928—LOT 24 BLK 3 Belbum

Village, San Mateo. Ross J. Brower

to Doly Bros. May 18, 1928

May 31, 1928—PART LOT 12 Corbett

Sub. John Chatterton to G. R. Anderson.

June 1, 1928—PART LOT 2 Fremont

Acres, East M. Rankin, et al to H.

G. Wick. June 1, 1928

June 1, 1928—LOT 3 BLK 12 Baywood.

Frank J. Serra to whom it may concern.

May 31, 1928

June 1, 1928—LOT 31 BLK 4, Burlingame.

William Wooley to Martin Peterson.

May 29, 1928

June 1, 1928—LOT 5 BLK 3 High School

Park, San Mateo. Giovanni Belora to

A. Pianca. May 20, 1928

June 1, 1928—LOT 14 BLK P Hayward

Park. Walter W. Caldwell to whom

it may concern. May 26, 1928

June 1, 1928—LOT 6 BLK 9, Burlingame.

Marie M. Schurten et al to

whom it may concern. May 31, 1928

June 1, 1928—LOT 2 BLK 12 Lyon &

Hoag Sub San Carlos, San Mateo.

Hugh H. MacDonald to whom it may

concern. June 1, 1928

June 2, 1928—LOT 43 BLK 12 San Bruno.

S. C. Tupper to whom it may

concern. June 1, 1928

June 2, 1928—LOT 19 BLK 207 High-

lands of Emerald Lake. Leonard &

Holt to whom it may concern.

June 1, 1928

June 4, 1928—PART LOTS 16 and 17

Blk 14, Stanford Park, San Mateo.

Emma L. Gaston to Findley & King-

ham. May 26, 1928

June 6, 1928—LOT 44 HILLSBOROUGH

PARK, San Mateo. F. A. Brinkman

to Loyd C. Simpson. June 1, 1928

June 4, 1928—PART LOT 9 BLK 23 San

Carlos, San Mateo. Della C. Davis

to whom it may concern. June 4, 1928

June 5, 1928—PART LOT 18 Faber Sub.

San Mateo. Forrest A. Page to whom

it may concern. June 1, 1928

June 5, 1928—LOT 1 BLK 7 Belmont

Country Club, San Mateo. C. F.

Rutledge to Loyd Crathers et al.

June 2, 1928

June 5, 1928—LOT 45 BLK 3 San Bruno

Park No. 3. Thomas M. Davis et al

to Delmar Marde. May 26, 1928

May 31, 1928—LOCATION NOT GIVEN

G. R. Anderson to whom it may concern

June 6, 1928—LOT 25 BLK 5, Easton

Addition, Burlingame. George S

Miller to whom it may concern.

June 6, 1928

June 6, 1928—SW PARTRIDGE LANE,

Daly City. Victor Bjorkman to whom

it may concern. June 4, 1928

June 6, 1928—LOT 9 BLK 14, Lyon &

Hoag Sub., San Carlos. E H James

to The San Carlos Constr. Co.

May 28, 1928

June 6, 1928—LOT 8 BLK 63, Easton.

H W Roth to G W Williams Co.

June 2, 1928

June 6, 1928—LOT 29 BLK 17, Baywood

Ralph Stoddard to G W Williams Co.

June 2, 1928

June 6, 1928—LOT 8 BLK 22, Belmont

Country Club Property. Nelson J

Roscoe to whom it may concern.

June 4, 1928

June 6, 1928—PART LOT 13 BLK 6,

Oak Knoll Manor. Mary T Casaretto

to whom it may concern. June 5, 1928

June 7, 1928—PART LOTS 28 AND 29

Blk 4, Vista Grande. Paul B Durenre

to whom it may concern. June 6, 1928

June 7, 1928—LOT 7, Fair Oaks Half

Acres. Robert E Hammond to whom

it may concern. June 4, 1928

June 7, 1928—LOT 20, Bayshore High-

way Tract, San Mateo. James B

Rixen to whom it may concern.

Accepted

June 6, 1928

June 7, 1928—LOT 15 BLK 4, Lyon &

Hoag Sub, San Carlos. Edwin A

Bergman to whom it may concern.

June 1, 1928

June 7, 1928—LOT 5 BLK 6, San Carlos

Gardens. Eloy E Carlson to whom it

may concern. June 6, 1928

June 8, 1928—PART LOT 1, Eagle Hill

Villa Tract, San Mateo. E E Dwyer

et al to whom it may concern.

June 8, 1928

June 8, 1928—LOT 18 BLK 62, Easton.

C B McClean to whom it may concern.

June 7, 1928

June 8, 1928—LOT 23 BLK M, Hills-

borough Park. Hillsborough Park

Bldg Co to J B Oswald. May 30, 1928

June 9, 1928—LOT 8 BLK 64, Easton.

H F Sharp to whom it may concern.

June 8, 1928

June 9, 1928—LOT 10 BLK 14, Lyon &

Hoag Sub, San Carlos. E H James

to San Carlos Constr Co. June 9, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

June 1, 1928—LOTS 30, 31 BLK D Mis-

sion St. Tract. A. L. Thulin vs Doz-

ier T. Bentley. \$68

June 2, 1928—LOT 28 BLK 2 San Bruno

Park. Isaac Wanner vs Charles

Edward Wanner et al. \$300

June 5, 1928—SAN CARLOS, San Mateo.

Lotus R. Miller vs Smack Beverage

Co. \$125

June 5, 1928—LOT 29 BLK 1 Partridge

Sub., Menlo Park. Edward P. Cas-

till vs F. W. Rourke et al. \$428.62

June 4, 1928—LOT 5 BLK 9 Oak Knoll

Manor, San Mateo. Fred Burton vs

Edward Emery. \$336.25

June 6, 1928—STANFORD PARK, Ad-

dition, San Mateo. C F Slinger vs

June 1, 1928—LOT 12, Partridge Sub.

James Wood. \$624.76

Daly City. Fay Improvement Co vs

Raymond J Viscarra et al. \$549

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

May 31, 1928—LOCATION NOT GIVEN.

L. H. Brown to E. Thoralsen. In Full

May 31, 1928—LOCATION NOT GIVEN.

C. H. Montney to E. Thoralsen. In Full

June 2, 1928—LOCATION NOT GIVEN.

E. W. Magruder to Mame J. Peterson

\$436

June 4, 1928—LOCATION NOT GIVEN.

Lenon Lime & Cement Co. to C. H.

Torello et al. In Full

June 8, 1928—LOCATION NOT GIVEN.

R J McDonald to James H Cortese

et al. \$10

June 8, 1928—LOCATION NOT GIVEN.

Alta Roofing Co; Frank M Phillips

and Frank Portman Alias to James

Cortez et al.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

RESIDENCE

San Jose. All work for one-story

frame and stucco residence.

Owner—Edward E. and Ruby R. Terry,

San Jose.

Architect—None.

Contractor—F. E. Gustafsen, 716 E-Santa

Clara St., San Jose.

Filed June 8, '28. Dated May 28, '28.

Frame up

Completion filed

Usual 35 days

TOTAL COST, \$1400

Bond, \$2200. Sureties, U. W. Hill and H.

M. Nelson. Limit, 75 working days. For-

feit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

June 5, 1928—NE ANZA ST. 250 N Mt.

View Ave., Mt. View. Nick Hem-

minga to whom it may concern.

May 31, 1928

June 5, 1928—BEG. NE PARK AVE.

146.01 NW Davis St., San Jose. Wm

H O'Neil to whom it may concern.

June 5, 1928

June 5, 1928—LOT 8 Bailey Sub., Mt.

Specify A

GROTH FIREPLACE DAMPER FURNACE

View. Norman, Wheeler & Needham, Inc., to whom it may concern..... June 4, 1928
 June 6, 1928—LOT 13 BLK 1, Cherry Land Tract, San Jose. Ormal W and Myrle L Dodd to whom it may concern..... June 5, 1928
 June 6, 1928—LOT 22 BLK 6, East San Jose Homestead Assn., San Jose. Frank Maggini to whom it may concern..... June 5, 1928
 June 6, 1928—LOT 20, Willow Home Tract, San Jose. Irene Ludwig Burns and Clettis Burns to whom it may concern..... June 2, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 June 6, 1928—LOTS 1 AND 2 BLK 4, Glen Ridge Terrace, Los Gatos. E C Power vs Frank H Bergmann.....\$416
 June 7, 1928—SW MORSE AND NW Naglee St., San Jose. Tynan Lumber Co vs Trustees of College Park Methodist Episcopal Church.....\$1201.05
 June 7, 1928—SW MORSE AND NW Naglee St., San Jose. Pacific Mfg Co., \$3115.34; Central Supply Co., \$2463.37; Henry Eltzer, \$559.48; A G Schutte, \$997.88 vs Trustees College Park Methodist Episcopal Church....

BUILDING PERMITS

REDWOOD CITY

DWELLING, one-story frame, \$3000; No. 446 Myrtle St., Redwood City; owner, E. E. Dwyer.
 RESIDENCE, one-story frame, \$3000; No. 412 Myrtle St., Redwood City; owner, H. W. Hougham.
 DWELLING, one-story frame, \$1500; No. 1549 Birch St., Redwood City; owner, J. Heckendorn, 154 Birch St., Redwood City.
 STORE building, one-story brick; 6 stores and 3 living quarters, \$20,000; No. 765 El Camino Real; 100 Broadway, Redwood City; owner, C. A. Chacquette, Gilroy; architect, David C. Coleman, 110 Sutter St., San Francisco; contractor, J. S. Malloch, 252 Frederick St., San Francisco.
 WORK OMITTED, \$1500; No. 317 Poplar Ave., Redwood City; owner, A. Guilian.
 DWELLING, one-story frame, \$3500; No. 246 Grand St., Redwood City; owner, A. Silva; contractor, J. T. Connelley, Northumberland Ave., Redwood City.

BUILDING PERMITS

PALO ALTO

DWELLING and garage, frame & rustic, \$1500; No. 1701 Third St., Palo Alto; owner, P. Dellaquila, 1675 Third St., Palo Alto; architect, Mercer Lumber Co., Highway, Palo Alto; contractor, P. Dellaquila, 1675 Third St., Palo Alto.
 INTERIOR partitions, \$1000; No. 159 University Ave., Palo Alto; owner, C. A. Coghlan; contractor, G. G. Bertsche, 750 Forest St., Palo Alto.
 INTERIOR partitions, \$1000; No. 1001 Hamilton Ave., Palo Alto; owner, Geo. H. McKaig; contractor, F. M. Armstrong, 919 Bryant St., Palo Alto

BUILDING PERMITS

SAN JOSE

LUNCH house, \$1300; Race St. near Park, San Jose; owner, Vaughn Allen, 1387 Lexington St., Santa Clara; contractor, E. W. Crosby, 1387 Lexington St., Santa Clara.
 INDUSTRIAL (plant small), \$1200; No. 128 West Virginia St., San Jose; owner, F. Lauducci, Premises.
 RESIDENCE, 8-room residence, \$7800; Fifteenth St. near Reed, San Jose; owner, C. H. Lewis, 295 S-16th St., San Jose; contractor, C. Teigland, 24 N-First St., San Jose.
 ALTERATIONS and repairs, \$1200; No. 705 N-First St., San Jose; owner, Carl Cincinnati, Premises; contractor, J. E. Perkins, 34 S-34th St., San Jose.
 RESIDENCE, 5-room, \$7000; Second St. near Taylor, San Jose; owner, Rucker & Longshore, 726 S-Ninth St., San Jose.

RESIDENCE, 8-room, \$14,000; Morris & Poplar Sts., San Jose; owner, Roy M. Butcher, 68 S-Willard St., San Jose; architect, Ralph Wyckoff, Frowers' Bank Bldg., San Jose; contractor, Wm. M. Myer, Cupertino.

BUILDING PERMITS

BURLINGAME

BUNGALOW and garage, \$4750; Lot 30 Blk 24, Arundel Road, Burlingame; owner, S. M. De Wit, 29 Arundel Rd., Burlingame; contractor, Jas. Horne, 869 California Dr., Burlingame.
 RAMP to basement, \$1000; Howard Ave. and Park St., Burlingame; owner, Masonic Hall Assn., Ellsworth and Tilton Sts., Burlingame; contractor, C. E. Fowler, 829 Edgehill St., Burlingame.
 RESIDENCE, \$7300; Lot 24 Blk 59, Easton Drive, Burlingame; owner, Geo. W. Williams Co., 1404 Broadway Burlingame.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

BUILDING
 MONTEREY. All work for one-story & mezzanine floor frame building. Owner—William L. Hageman, Monterey. Constr. Engineer—Wesley W. Hastings, Hinkle Bldg., Monterey.
 Contractor—Wade O. Halstead, Monterey. Filed June 7, '28. Dated June 7, '28.
 Floor joists in place.....\$1462.50
 Roof rafters in place.....1462.50
 1st coat plaster on.....1462.50
 Completed and accepted.....1462.50
 Usual 35 days.....1950.00
 TOTAL COST, \$7800.00
 Bond, \$—, Surety, limit, forfeit, none. Plans and specifications filed.

HEATING SYSTEM
 SALINAS. All work for installing heating and ventilating system in two stores. Owner—Salinas Title Guaranty Co., Salinas. Architect—None.
 Contractor—B. E. Underwood, Salinas. Filed June 4, '28. Dated May 21, '28.
 On the 1st of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2329
 Bond, \$—, Surety, —, Limit, forfeit, none. Plans and specifications filed.

BUILDING
 PACIFIC GROVE. All work for building. Owner—Mrs. F. La Porte, Monterey. Architect—Wesley Hastings, 453½ Alvarado St., Monterey.
 Contractor—Newman & Halsted, 215 Park St., Monterey. Filed June 11, '28. Dated May 31, '28.
 Foundation done.....20%
 Brown coated.....20%
 Frame up.....20%
 Building completed.....20%
 Usual 35 days.....25%
 TOTAL COST, \$5109
 Bond, limit, forfeit, plans and specifications none.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 June 11, 1928—LOTS 34, 36 BLK 16, Wither's Addn., Monterey. Dave F. La Vine to whom it may concern..... June 9, 1928

BUILDING CONTRACTS

MARIN COUNTY

RECORDED

RESIDENCE
 NEAR TIBURON. All work for one-story and basement frame residence. Owner—Ralph J. A. Stern, 2632 Larkin St., San Francisco. Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco. Contractor—R. C. Carr, Fairfax. Filed June 1, '28. Dated May 31, '28.
 Roof on.....\$1295
 When completed.....1295
 Usual 35 days.....936
 TOTAL COST, \$3720
 Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY

Recorded Accepted
 June 5, 1928—LOT C, Elm Court, San Anselmo. John McPherson to whom it may concern..... June 4, 1928
 June 7, 1928—HAWTHORNE HILLS, Fairfax. Wm F Granger to Wm F Granger Co..... June 7, 1928
 June 7, 1928—TOWN OF LARKSPUR Wm F Granger to Wm F Granger Co..... June 7, 1928
 June 7, 1928—SAN ANSELMO. Randolph C. Doherty to whom it may concern..... June 7, 1928
 June 7, 1928—SAN ANSELMO. Frederick Antz to R. Leonhart..... June 5, 1928
 June 8, 1928—SAN ANSELMO. W. P. Barnes to A. H. Pritchard..... June 4, 1928
 June 11, 1928—PROPERTY IN INVERNESS. Elizabeth L. Fairchild to whom it may concern..... January 14, 1928
 June 11, 1928—PROPERTY IN SAUSALITO. J. Wotila to A. W. Feather..... June 11, 1928

BUILDING PERMITS

STOCKTON

REMODEL store, \$1500; No. 434 E-Weber St., Stockton; owner, Oullahan, Littlehale & Arndt; contractor, F. E. Daniels, 1029 W-Park St., Stockton.
 RESIDENCE and garage, \$3500; No. 1725 W-Acacia St., Stockton; owner, Robt Dolezal, 724 E-Linden St., Stockton; contractor, J. F. Watson.
 RESIDENCE and garage, \$5000; No. 1635 W-Harding Way, Stockton; owner, John Kestin, Henery Apts., Stockton; contractor, Ecke Bros.
 RESIDENCE, \$2400; No. 11 S-Hunter St., Stockton; owner, Noble & Reid, 11 S-Hunter St., Stockton; contractor, Tucker & Riley, Union Bldg., Stockton.
 RESIDENCE and garage, \$5500; No. 152 Knoles Way, Stockton; owner, De Marcus Browne; contractor, William Wright, 1420 College Drive, Stockton.
 RESIDENCE and garage, \$5000; No. 810 W-Rose St., Stockton; owner, D. McConnell.
 RESIDENCE and garage, \$4000; No. 634 N-Tuxedo St., Stockton; owner, R. R. Wagner, 1050 W-Harding Way, Stockton.
 STORE building and warehouse, \$5000; No. 117 S-Van Buren St., Stockton; owner, E. L. Gibbens, 1143 N-Hunter St., Stockton; contractor, O. H. Chain United Bank and Trust Bldg., Stockton.
 RESIDENCE and garage, \$3000; No. 2135 S-American St., Stockton; owner, Andrew Chitty.
 DWELLING and garage, \$4660; 1059 W Rose St., Stockton; owner, Harry Pike; contractor, F. P. Dobson, 1120 W Harding Way, Stockton.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 June 4, 1928—LOT 10 BLK 26, Hatton Fields Tract No. 2, being subdivision of Ptn of Rancho Canada de la Segunda, Monterey. A Nastovic to whom it may concern..... May 28, 1928
 June 4, 1928—LOT 13 BLK 2, Hatton Fields Tract No. 1, being subdivn of Ptn of Rancho Canada de la Segunda, Monterey. A Nastovic to whom it may concern..... May 28, 1928
 June 4, 1928—LOT 14 BLK 2, Hatton Fields Tract No. 1, being Sbdvn of Rancho Canada de la Segunda, Monterey. A Nastovic to whom it may concern..... May 28, 1928
 June 4, 1928—LOT 14 BLK 2, Hatton Fields Tract No. 1, being subdivn of Ptn of Rancho Canada de la Segunda, Monterey. A Nastovic to whom it may concern..... May 28, 1928
 June 4, 1928—E 20 FT. LOT 24 and W 30 ft. Lot 25 Blk 8, Geil, Lang & Kessel's Addition to Salinas City. C L Nance to whom it may concern..... June 4, 1928
 June 5, 1928—PART LOT 33 BLK 11. Official Block Book of City of Monterey. A R Kinsman to whom it may concern..... June 4, 1928

June 4, 1928—LOTS 18, 20, 21, 22, 24 and 26. Blk 59, Map Carmel City. Alice Y Nugent to whom it may concern..... June 1, 1928
 June 6, 1928—LOTS 6 AND 8 BLK 81, Map Addition No. 5, Carmel-by-the-Sea. Ada B Jones to Robert E Jones..... June 5, 1928
 June 7, 1928—PART RANCHO NACIONAL in Monterey County being part Lot 11 of Romie One Acre Subdivision. Katherine O Doyle to whom it may concern..... June 6, 1928
 June 8, 1928—LOT 2 BLK 25, Hatton Fields Tract No. 2, Monterey. Chester L Conion to Hugh W Comstock..... June 8, 1928

COMPLETION NOTICES SAN JOAQUIN COUNTY

Recorded..... Accepted
 June 9, 1928—LOTTIE GRUNSKY School Bldg. Board of Education of the City of Stockton to Ecker Bros. and Moore and R. W. King (2 completions)..... June 6, 1928
 June 9, 1928—W LINE CENTRAL AVE. 40 ft. N 9th St., City of Tracy. Roy Van Vliet to Carl Nelson..... June 2, 1928
 June 6, 1928—LOT 24 W ½ LOT 23 Blk 22, Map B Sub. No. 2, Tuxedo Park, Stockton. Melville M Levy and wife to E. Merlo..... June 4, 1928
 June 7, 1928—LOTS 10-12 BLK 78 east of Center St. C. M. Menzies to F. R. Zinek..... May 25, 1928
 June 7, 1928—NW COR CENTRAL AVE. bet. 9th and 10th Sts., Tracy. Roy Van Vliet to Carl Nelson..... May 31, 1928
 June 8, 1928—LOT 8 BLK 16 Sub No 1 Tuxedo Park. H. H. Thurston to whom it may concern..... June 4, 1928

LIENS FILED

SAN JOAQUIN COUNTY

Recorded..... Amount
 June 7, 1928—N ½ LOTS 7-9-11 BLK 94 West of Center St. Ruhl-Goodell Co. vs W. H. Brown.....\$102.82
 June 4, 1928—N ½ LOTS 7, 9, AND 11 Blk 94, West Center St., Stockton. Claude W Moore vs W H Brown.....\$266.60

BUILDING PERMITS

SACRAMENTO

TWO 5-room residences and garage; \$2,700 each; 310-20 40th St., Sacramento; owner, M. E. Fraley, 313 Delinda St.
 FOUR-ROOM residence and garage, \$1,450; 5280 62nd St., Sacramento; owner, Waters, Meidoffer & Waters, 629 J St., Sacramento; contractor, J. A. Goe, 4025 San Bonita, Sacramento.
 SIX-ROOM residence and garage, \$4,000; 4280 31st St., Sacramento; owner, R. C. Kennedy, 5016 13th Ave., Sacramento.
 FOUR-ROOM residence and garage \$2,400; 5413 M St., Sacramento; owner, S. D. Vanina, 5407 M St.
 RESIDENCE, 6-room and garage, \$4500; No. 565 39th St., Sacramento; owner, Leo Jennings, 2173 2nd Ave., Sacramento.
 RESIDENCE and garage, 5-room, \$3000; 3517 Santa Cruz Way, Sacramento; owner, H. S. Benson, % Capitol Lumber Co., Sacramento.
 RESIDENCES and garages (3) 5-room, \$4000 each; No. 2103-2117-2125 Gerber Ave., Sacramento; owner, J. E. Cheson, 2559 16th St., Sacramento.
 RESIDENCE 5-room and garage, \$4500; No. 2516 11th Ave., Sacramento; Owner, C. C. Ruby, 4616 T St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded..... Accepted
 June 4, 1928—LOT 4 CITY FARMS No. 2, Sacramento. Thomas and Julia Costello to whom it may concern..... June 4, 1928
 June 5, 1928—LOT 19 BLK 4 Vina Vista, Sacramento. Alvin E. Hoff to whom it may concern..... June 4, 1928
 June 5, 1928—LOT 21 BLK 4 Vina Vista, Sacramento. C. A. Hoff to whom it may concern..... June 4, 1928
 June 9, 1928—LOT 72, Ridge Park, Sacramento. Joseph Pedone to whom it may concern..... June 9, 1928

June 7, 1928—LOT 106 BLVD. TERRACE, Sacramento. F. H. Bell to whom it may concern..... June 5, 1928
 June 6, 1928—LOT 418, Swanston Park, Sacramento. William A Stokes to whom it may concern..... June 6, 1928
 June 6, 1928—LOT 33, Western Pacific Addition, Sacramento. Dewey A Clark and wife to whom it may concern..... June 6, 1928
 June 11, 1928—NO. 525-527 N St., Sacramento. M Opper and B Moskowitz to whom it may concern..... June 4, 1928
 June 11, 1928—LOT 1, K, L, 17th and 18th Sts., Sacramento. A George to whom it may concern..... June 11, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded..... Amount
 June 8, 1928—N ¼ LOT 4, C, D, 29th and 30th Sts., Sacramento. Signar Lindroth and Severin Johnson (as Capitol Lumber Co) vs George H Bergh.....\$756.20
 June 8, 1928—N ½ LOT 4, C, D, 29th and 30th Sts., Sacramento. H O Adams vs Elmer, Geo and Beatrice Bergh.....\$70
 June 8, 1928—N ½ LOT 1, V, W, 22nd and 23rd Sts., Sacramento. Dolan Bldg Material Co vs Geo H: Elmer and Beatrice Bergh.....\$313.68
 June 8, 1928—LOTS 35 AND 36 N 50 ft. Klatz Tract, Sacramento. H O Adams vs Elmer, Geo. and Beatrice Bergh.....\$408
 June 8, 1928—N ½ LOT 4, C, D, 29th and 30th Sts., Sacramento. Dolan Bldg Material Co vs Elmer; Geo H and Beatrice Bergh.....\$151.60
 June 8, 1928—N ½ LOT 1, V, W, 22nd and 23rd Sts., Sacramento. H O Adams vs Elmer, Geo H and Beatrice Bergh.....\$75
 June 8, 1928—N ½ LOT 1, V, W, 22nd and 23rd Sts., Sacramento. Capital Lumber Co vs George H Bergh.....\$188.27
 June 7, 1928—LOT 44 FAIR PARK, Sacramento. 5, 1928—3616 37th St., known as Lots 1 and 2 Welch Tract. Tilden Lumber and Mill Co. vs A. W. Stephens.....\$333.70
 Fresno News on Page 16.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

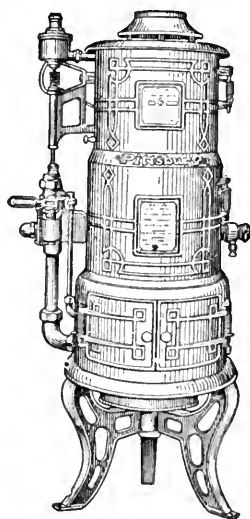
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

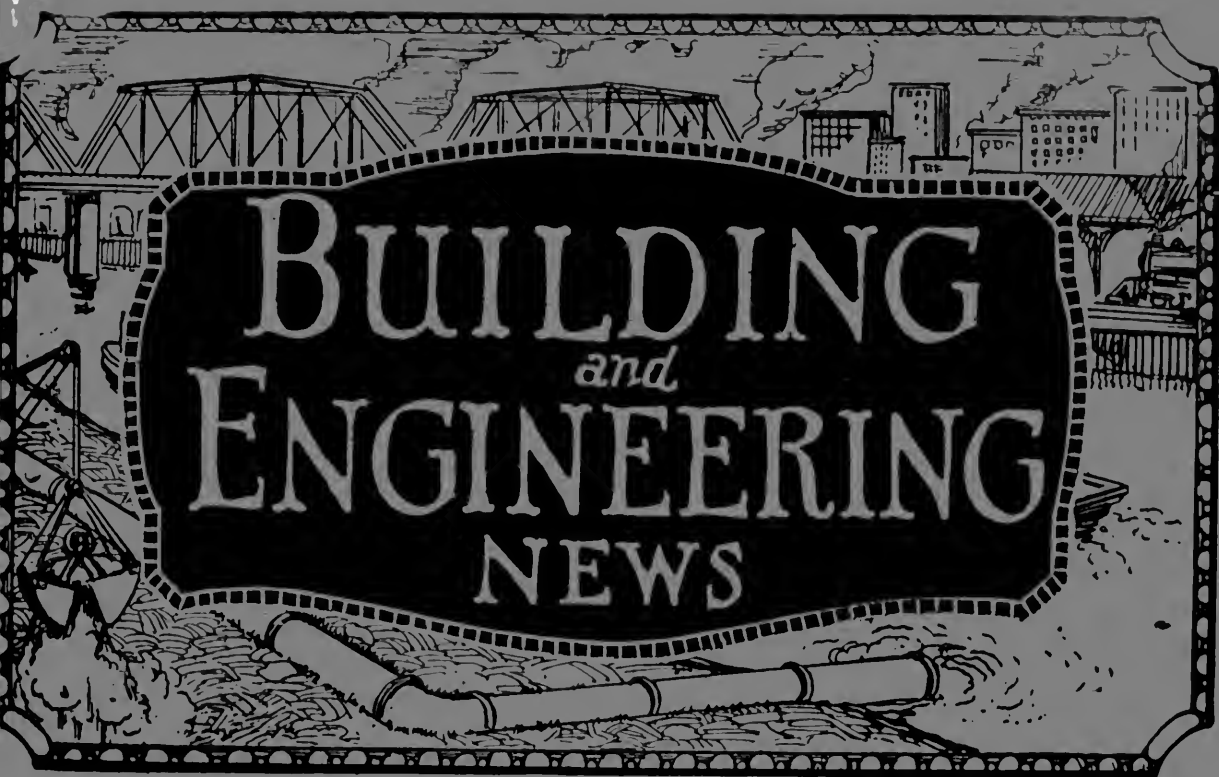
"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
47 Mission Street

SAN FRANCISCO, CALIF., JUNE 23, 1928

Published Every Saturday
Twenty-eighth Year, No. 25

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw
Around Their Dwelling to Keep the
Cold Out

Applying time - proved methods of insula- tion to modern day needs

NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY
Saint Joseph, Missouri



Picture Showing African Na-
tives Using Straw on the Roof
of Their Huts



A Philippine Island Home. The
Roof is Covered Entirely
with Straw



South American Homes, with
Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JUNE 23, 1928

Twenty-eighth Year, No. 25



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

S. F. HOME BUILDERS' ASSN. ELECTS OFFICERS

Jas. A. Arnott was elected president of the San Francisco Home Builders' Association at the seventh annual birthday meeting held at Marquard's Cafe, June 14. Other officers elected were: H. C. Mangels, first vice-president; St. Geo. Holden, second vice-president; J. Prout, third vice-president and Grace Perego, secretary-treasurer.

Eleven directors were elected as follows: C. S. Allred, Jas. A. Arnott, J. V. Campbell, R. H. Stevenson, St. George Holden, H. C. Mangels, Theo. Meyer, J. Prout, G. Berego, L. V. Riddle, A. M. Samuelson.

A large number of builders were present at the meeting. Entertainment was furnished by Marquard's clever show. A feature of the evening was a 4-reel motion picture exhibited by the Hoffman Specialty Company on heat control.

President Allred outlined some constructive plans for the home builders during his term. His first efforts, he stated, would be directed toward reducing the cost of building fees.

FRANCE'S STEEL OUTPUT SHOWS DECLINE

France's output of pig iron totaled 834,000 metric tons in April. This, according to figures transmitted to the Bankers Trust Company of New York by its French Information service, is a decrease of 23,000 metric tons over the previous month. Of this total 763,000 metric tons were phosphoric pig iron and 71,000 metric tons hematite pig iron. Steel output in April reached 738,000 metric tons, or 38,000 less than in March. Of this April output 724,000 tons were ingot steel and 14,000 cast steel, as against 791,000 and 15,000 respectively, in March. During April there were 150 blast furnaces in operation, 28 more were ready for use and 42 being built or repaired.

BUZZ--BUZZ

(By Eldee in Engineering News-Record)

While bent above our drafting board
With empty pouch and weary gourd
One chilly day not long ago
In vain attempts to rightly show
A contour wriggling 'round a hill,
A fly lit on the window sill,
Which was about a foot away
From where we carry on each day.

It was a common household fly
With legs and daubre, bulbous eye
And bloated fuselage and wings
And cushioned feet—disgusting things—
That somehow, strang to say, 'd hung on
When all its comrades long had gone
Unto that bourne whence Bobby Burns
Says in his book, "No fly returns."

As at its loathsome form we geyed,
Toward us it began to slide,
Anon and ever marking time
To scrub and polish at the grime
Which caked upon its front feet, stuck—
No doubt germ-laden truck and muck—
Repulsive—dangerous, in fact;
And we resolved it should be smacked!

And, too, some "fly egg engineer"
Once said, while mooning o'er a beer,
That one lone fly—if left intact—
If by the swatter'd not been cracked—
Until the dandelions again
Bloomed joyously o'er vale and fen,
Would lay five million eggs—then some—
To hatch and broadcast filth and scum!

And so we slipped down from our stool
Noiselessly as an army mule
And from the drawer beneath our board—
Where for six weeks it had been stored—
Snaked out our swatter, raised it high
And swung it at the ding-danged fly,
A muttered cuss upon our lips
And in our trousers two new rips!
Bang!--All went black—upon our
board!--

As over it the "Higgins" poured;
While on the floor the bottle crashed—
And, strange to say, somehow was
smashed!--
The map on which we'd spent long hours
Installing contours, roads and flowers,
Was ruined!--And we shed a tear—
As something buzz-buzzed past our ear!

QUICK HARDENING CEMENT

The International Cement Corporation, 342 Madison Ave., New York City, has developed a new improved Portland cement that gains 28 day strength in 24 hours, yet the time of initial and final set are the same as before. This cement is based upon recently gained knowledge resulting from years of careful research, pointing to the fact that a cement higher in tri-calcium silicate and ground a little finer than was formerly the practice would afford the properties required and yet be usable under the same general specifications for manipulation that have recently governed the use of ordinary Portland cement. This cement has been perfected and put on a quantity basis under the direction of D. A. Abrams, director of research of the International. It is known as Incor, and differs from other high early strength cements insofar as it contains no admixtures. This new cement is described in a bulletin recently issued by the company.

LICENSE ORDINANCE EFFECTIVE IN PORTLAND JULY 1

H. E. Plummer, chief of the Bureau of Buildings for the city of Portland, Ore., has given notice to building contractors and the building public that the general contractors license ordinance is to take effect July 1.

The new law, as Plummer points out, will apply only to contractors in erecting and repairing buildings and will not effect owners doing work on dwellings or sub-contractors working on large jobs in charge of a licensed contractor.

The full text of the notice follows:

The General Contractors License Ordinance (Ordinance No. 54528) is to take effect July 1, 1928. This ordinance applies only to contractors who erect, alter or repair walls and structural parts of buildings. It does not apply to an owner doing work on a single-family dwelling or a duplex which he is occupying in whole or in part, or to a sub-contractor doing work on a building when the permit for the building has been taken out by a licensed building contractor.

This ordinance requires any one who desires to do business as a general building contractor first to make out an application, submit a surety bond for \$2500 and then take out a license. For the purpose of avoiding confusion and delay it is suggested that all building contractors who want to be licensed should file with the Bureau of Licenses their applications and a surety bond on or before June 15th. This will give the License Bureau some time to have the bonds checked over and to be ready to issue the licenses on July 1. At the time the license is issued a fee must be paid which will be \$5 for the half year (the annual license fee being \$10.)

No permit will be issued on or after July 1, 1928, for a building or structural alterations or repairs to a building, to a contractor unless he has been licensed and then only for the class of work covered by the license.

If a license is not secured by August 1st applicants will be required to take an examination conducted by the Board of Examiners before a license can be issued.

The attention of the contractors is particularly called to Section 6 of this ordinance which divided the work done by contractors into three classes and groups the contractors accordingly. The license covers the kind of work that the contractor is licensed to perform and to take out permits for.

EXPORT OF BATHTUBS DECLINES IN BOTH NUMBER AND VALUE

During 1927 this country exported 17,522 bathtubs valued at \$586,226, of which Argentina took 4,501; Cuba, 4,274, and Mexico, 1,772, according to a statement made public June 13 by the Iron and Steel Division, Department of Commerce. The full text of the statement follows:

Total exports of enameled plumbing fixtures from the United States last year amounted to 74,165 pieces valued at \$1,237,465, a slight increase compared with the previous year when shipments amounted to 70,997 pieces valued at \$1,236,415.

Exports of bathtubs during 1926 numbered 18,718 valued at \$634,710, while during 1925 they amounted to 19,638 valued at \$587,619.

Other countries numbered among the purchasers of American bathtubs last year were Canada, Newfoundland, China, Japan, Philippine Islands, Spain, United Kingdom, Colombia, Venezuela, Australia and New Zealand.

APPRENTICESHIP PROBLEMS IN BUILDING TRADES FOUND TO VARY WIDELY—LABOR SURVEY DISCLOSES

Apprenticeship problems in building construction and methods of dealing with them vary widely in different localities and crafts, and in the various crafts in the same locality, although a few craft organizations have definite programs which are of fairly wide application, according to the Bureau of Labor Statistics, Department of Labor, based upon a recent survey of it.

The purpose of the inquiry, which was carried on in 19 cities, was to determine to what extent apprenticeship is a factor in the building industry and what effect the growing agitation for a revival of the apprenticeship system is having.

The Bureau of Labor statistics finds that apprentice systems function most effectively as a whole where union organization is strongest. "Local unions," it says, "were found here and there which definitely oppose apprenticeship, but more instances occur in which the unions are doing all that is being done to provide new mechanics."

Pointing out that although it is generally admitted that an apprentice is a best a financial liability for the first year, and often longer than that, the Bureau states that it is not that phase of the problem which is objected to so much as it is the added difficulties on the job when an apprentice is taken on.—EDITOR.

Training on Job Said To Be Unprofitable
"The expression most frequently used by contractors," it is said, "is that they 'can't be bothered with boys.' Rapid building makes training on the job not only unprofitable but even night impossible. Employers and journeymen agree that it is simply not possible to carry out any real program of teaching on the job."

A summary of the Bureau's study, which is embodied in Bulletin No. 459, follows:

The recent building activity throughout the country has emphasized some unwholesome and unprofitable conditions in the building industry growing out of the war-time practice of making mechanics overnight, and has led to a renewed interest in the subject of apprentice training. To determine to what extent apprenticeship is a factor in the industry, and what effect the agitation for a revival of the apprentice system is having, the Bureau of Labor Statistics of the United States Department of Labor has made an investigation in 19 cities which are considered representative.

Some of these cities were known to have organized movements for training apprentices in accordance with provisions of the Federal vocational education law, and these were studied to determine the operation of the system and the effect of the movement on the supply of mechanics. The other cities were visited to determine whether or not anything was being done in the way of apprentice training by any of the parties at interest.

The Bureau limited its study to actual apprenticeship; that is, actual contract or some equivalent obligation extending over a stipulated period of years, by which a boy is to learn and his employer is to teach one of the building crafts. Helpers, who are hired and dismissed according to the needs at the time, were not considered, even when they were boys of apprentice age who might eventually become journeymen.

Sources on which the Bureau drew for information were local building trades unions, trade associations of employers, builders' exchanges, school authorities, and representative individual employers.

Among the individual employers visited were union and openshop men, and contractors who do and those who do not employ apprentices.

Trends in Training Mechanics Studied

The primary purpose of the investigation was to find out what is the present trend in producing new mechanics for the building industry, what machinery for training apprentices exists, and how it functions. Systematic school training was encountered in several localities, since to a marked degree the Federal vocational education law has been the stimulus for renewed interest in craft training and has indicated the course which training is following. The bureau did not, however, attempt a detailed study of school work.

Material covering courses of study, specimen lesson sheets, and the like was readily available in some cases, and, as it is suggestive of the type of work the apprentice schools are doing, it is presented as appendices to the report. School instruction must, in the nature of the problem, be wholly individual, since apprentice classes are made up of boys with varying degrees of basic education, the boys varying frequently from recent immigrants—who must be sent to the Americanization classes to learn English in addition to their trade-school work to high-school graduates and perhaps to technical-school graduates.

The apprentice problem is a local one, and the methods of meeting it vary widely not only as between cities but also as between different crafts in the same city. Even in cities where the problem is treated from the standpoint of the industry as a whole, as in Cleveland, certain crafts in the industry may be acting independent of the general plan or may be doing nothing whatever. Any attempt to generalize must be complicated with exceptions and variations.

Each city covered in the bureau's survey has its own problems and its own ways of meeting them, or, perhaps, of letting them alone. Because each city is a story in itself this report will present separately and in detail the situation as it was found in each of the localities visited, summarizing only such systems and such training programs as have a definite bearing on the subject of apprenticeship in general.

While apprenticeship by formal indenture between employer and boy is not widely practiced, there is coming into use a system which amounts to the same thing. That is the joint apprenticeship committee system. These committees are composed of representatives of employers and journeymen and, in some cases, of the city school boards. Apprentices are under agreement with the committee to serve their time and to abide by the laws of the committees, which on its part takes the responsibility of seeing that the boy has employment and proper opportunities for training throughout his apprenticeship.

Where joint committees do not operate, the union may serve the same purpose, the apprenticeship being in effect indentured to the local union and governed by the terms of the working agreement between the union and the employers, with the union acting as placement agent to keep the boy employed.

Apprentice training has more vitality, is more closely organized, and is affecting the building situation more definitely in those centers in which the division of vocational education of the local school board, usually acting under the Smith-Hughes law, is cooperating than in the

cities in which the contractors or the unions are trying to work out the problem alone.

Union May Serve Similar Purpose

Probably this condition is not primarily the result of the actual number of hours spent by the boys in the apprentice classes, since that is only four hours a week as a rule. More likely it is the result of the organization and cooperation of the employers and the journeymen, which is the machinery demanded by the school boards through which training shall be carried on.

The various organized systems for promoting and controlling apprenticeship are set forth in the detailed reports by cities, but a comparative analysis of the different types may serve to show strength and weakness in the systems followed. It must be emphasized, however, that the following analysis is intended as a comparison of plans and methods. There are instances of indifferent results and definite failures under the most favorable plans, but they can usually be traced to factors other than the plan itself.

Apprenticeship systems designed and organized to encompass the entire building industry are found only in four cities: Cleveland, Detroit, New York City, and Niagara Falls. In none of them does the plan actually include all of the building crafts but the organization is such that it can be expanded to cover any additional craft when the craft itself takes the necessary steps. Joint apprentice committees for individual trades are effective agents in several cities, where they operate successfully without any centralized machinery. Cleveland is the outstanding instance of successful operation under the former plan, while Chicago illustrates the method of uncorrected craft actions.

Systematic Training Provided in Cleveland.

Because the Cleveland method contains all the elements of systematic apprentice training which the bureau's investigation has found in any city visited, it will, for purposes of analysis and comparison, be treated as a standard, deviations from which in other cities will be pointed out. As already noted, Cleveland has a system structurally so devised as to cover the building industry, but the foundation of the system is the separate crafts, each functioning through a joint committee of organized workers and organized employers. Cooperating with these committees, but not actually members of them, are the trade teachers and officials of the division of vocational education of the Cleveland public-school system. The joint apprentice committees are active working bodies, which meet regularly, monthly or oftener, and which are the controlling agency of their respective crafts in all matters pertaining to apprenticeship.

Upon action by the committees a formal indenture is made which binds employer and apprentice for the full term of apprenticeship. After the expiration of a probationary period an employer may not discharge an apprentice and a boy may not change employers without the consent of the committee after a hearing.

One of the fundamental doctrines of the system is continuous employment throughout the apprentice period, in order to keep the boy in the trade. If the contractor to whom a boy is indentured runs so short of work that he can not keep him busy, a transfer to another contractor is effected through the trade committee until such time as the origi-

employer can resume his obligation. Responsibility for carrying the boy through his apprenticeship remains with original employer.

To facilitate transfer from an idle to a busy contractor when necessary to insure continuity of employment, the Building Trades Employers' Association, which is a federation of various craft organizations of contractors, employs a director of apprentices. Additional duties of the director, who gives his full time to the work, are to act as truant officer for the contractors, to keep informed of all his operations, and, on behalf of the contractor, to assist in many ways in the early working out of the apprenticeship program.

An important factor in that program is the part-time school work. All apprentices in the trades coming under the Cleveland plan must attend school four hours one day a week, or one day of eight hours any other week, at the time set by the division of vocational education. Cleveland is the only city studied by the bureau which has an apprentice school; that is an institution distinctively for apprentices as such. In other cities apprentice classes are held in the continuation or manual training schools, or apprentices attend the regular night schools.

While the division of vocational education is only one component element in the organized apprentice training system in Cleveland, it enforces certain regulations which are in fact the principal cohesive factor in holding the entire scheme together, and it is largely instrumental in keeping the "real, wholehearted cooperation" which Doctor Mays refers to as being the prime essential in any successful system.

Niagara Falls and Detroit are the only other cities covered which show the same relation between the public schools and the industry in the training of apprentices. In each of these cities the director of vocational education is a member of each trade committee and is in direct contact with the head of the apprentice system. The plan used in Niagara Falls is very much the same as Cleveland's, the only important difference, beside the one just mentioned, being the amount of time spent in school. First and second year students must attend school eight hours a day—four hours in evening school on their own time and four hours Saturday morning on the employer's time; but pay-day-school work is contingent upon night-school attendance. Third and fourth year boys must attend night school four days a week.

The system in both Cleveland and Niagara Falls depends for successful operation upon the cooperation of unions, employers and upon the active participation of the joint apprentice committees. A Cleveland school official declared in a recent address that none of the results that have so far been accomplished under the Cleveland plan "would have been possible without the untiring efforts of the members of the joint apprentice committee." In Detroit the trade committees are neither so active nor so interested, and formal indenture is made only a few trades.

Apprenticeship in the building trades in Chicago depends solely on the initiative and diligence of the craft committees representing organized workers and organized employers. The school system is receptive, not an active agent in apprentice training. Contact between the apprentice classes and the trade is chiefly through coordinators employed by the committees and through the trade teachers.

Formal indenture is practiced in all cases and in most trades control and regulation of apprenticeship through joint committees are provided for in the joint working agreements and include compulsory part-time school work. In most cases uniform control is assured by the provision that only those contractors who are members of their trade associations,

and hence parties to the joint agreements, may have apprentices.

This is not true of carpentry, in which trade there is neither a trade agreement nor a joint apprentice committee. In the plastering trade a once active apprentice committee has become moribund and part-time school training for plastering apprentices has been discontinued because of a general lack of interest.

Under the systems thus far discussed, when a craft participates at all it does so wholly. That is to say, all the apprentices in a given trade, with possibly an occasional exception in an open shop, are included in and regulated by whatever system is followed by that trade. Only a small percentage of the contractors may be involved, but such apprenticeship as exists comes under the unified control of the organized agency.

This situation does not exist in New York City, in which an apprenticeship commission, founded and fostered by the New York Building Congress, is the medium of promoting apprenticeship in the industry. The commission is composed of representatives of the Building Congress, the Building Trades Employers' Association, and those building trades unions which are identified with it.

Participation in the work of the commission on the part of the unions, is, however, determined by each local union of each craft. No craft in the city is identified with the commission plan to the extent of having all its local unions cooperating. The Painters' District Council of Manhattan and the Bronx, for example, is cooperating and observing the regulations of the commission with regard to the apprentices under its control.

On the other hand, local unions of painters in Greater New York, while having apprentices duly indentured, have no connection with the commission.

Structurally the New York Apprenticeship Commission is composed of apprentice committees of the component trades. Functionally the trade committees are weak and inactive, and the vital agency is not the craft organization but the superstructure representing the industry. The commission has no power and the trade committees exercise none.

Indentures Confined to Printers' Trades

There is no formal indenture except in painting, no provision for continuous employment and no machinery for assuring it, and no part-time school training. The commission is the point of contact between the school system and those apprentices coming under the jurisdiction of the commission who are attending the night-school classes provided, either voluntarily or because of whatever pressure may be brought to bear upon them. Further than that, and its efforts to promote and encourage apprenticeship, the organized machinery in New York does not go.

One craft which is not a part of the apprenticeship commission has a joint apprenticeship commission composed of two representatives of the union and two of the contractors' association and exercises complete control over apprenticeship in trade, that of sheetmetal work. Apprentices are formally indentured, continuous employment is assured, and attendance at night school four hours a week is compulsory.

The cry that "boys won't go into the trades" is not borne out by the investigation. On the contrary, it is quite apparent that the dearth of apprentices in the building trades is not due to a dearth of boys interested in entering those trades. The unions everywhere reported long waiting lists of applicants for apprenticeships, and joint committees agree that the problem does not lie in finding material to train.

The experience of the commission on apprenticeship in one large city illustrates this vividly. In an effort to arouse interest among contractors and the general public in the program and the work of the commission, its secretary broad-

cast an address through a local radio station.

"The result," he said, "were illuminating and disappointing. We were flooded with requests from boys and parents for more information, and with applications for apprenticeships, but not one contractor came forward with a request either for the details of the system or for an apprentice."

Because of the limited opportunities for placing boys with contractors as apprentices, some unions, where they are sufficiently in control, make a practice of confining apprenticeships to the sons and other relatives of the men in the trade. This is especially true in brick-laying and plastering.

It is frequently asserted that a boy has no chance to become a bricklayer unless his father is in the trade either as contractor or journeyman, and in a number of cases that is quite true. It has been true also in plumbing in some localities.

The Chicago master plumbers have broken up the practice, followed there for years, of granting apprenticeships only to sons of the men in the trade. The apprenticeship agreement in Chicago stipulates that the master plumbers shall make their own selection of boys to become apprentices, and the union therefore no longer serves as the recruiting agency.

In Pittsburgh the working agreement in the electrical trade provides that the employer shall select the apprentices one year and the union the next year, and it is tacitly understood that the union may select sons of journeymen if it chooses to do so.

The building trades unions in St. Louis have a very definite policy of "keeping the trade in the family" and enforce it to such an extent that one contractor declared that "a boy has as good a chance to get into West Point as into the building trades unless his father or his uncle is a building craftsman."

An officer of a local union in St. Louis reported that the name of his 14-year-old son has already been placed on the union's apprentice waiting list, and that it is quite certain would not be reached before the boy becomes of apprentice age.

In practical application, union regulations governing the ratio of apprentices to journeymen prove to be far less a deterring factor in apprentice training than is commonly assumed. Where the highly developed systems prevail union regulations are apt to be abrogated entirely and the whole question of quota is handled by the joint committee on the basis of the number of apprentices the trade can support in continuous employment.

Where the method is more desultory the union quota is not an issue for the reason that relatively few contractors have any apprentices at all, and certainly have no disposition to take on more than the union agreement permits.

If union regulations were in fact responsible for restricting opportunities for apprentices, one would expect to find greater development in open-shop centers. Actually, however, it is much harder to find an apprentice in an open than in a closed shop. Only three open-shop contractors were encountered in the course of the investigation who had more apprentices than they would have been granted under union agreement.

Those most closely in touch with the situation—school authorities, members of apprenticeship committees, and contractors who are cooperating in the effort to the limit of their ability—do not hesitate to declare that the individual contractor is chiefly responsible for the shortage of apprentices and the absence of a training system. Shortsightedness, indifference, and selfishness are the charges brought against their colleagues by the contractors who are carrying the load of apprentice training for the industry.

It is conceded that the provision for continuous employment, the one element

which is vitally necessary to keep the boy, is the greatest stumblingblock in the path of the contractor doing a small, or even a moderately large, business. Accordingly it is the opinion of some of the men in the industry that the problem of seasonal building will have to be met before an effective apprentice system can be evolved.

Apprentice System Best Under Union Rule

As a rule trade organizations, both of employers and of journeymen, have at least an appreciation of the needs of their respective trades in regard to apprentice training, even though they may be doing nothing constructive to promote it. And while there are exceptions, taken as a whole it is where union organization is strongest that apprentice systems function most effectively.

Local unions were found here and there which definitely oppose apprenticeship, but more instances occur in which the unions are doing all that is being done to provide new mechanics. In one "closed-shop" center, on the other hand, not only strict limitations as to the number of apprentices, but dictation as to who may become apprenticed are enforced by unions strong enough to impose them upon employers.

Instances of wage scales so high that few contractors can afford to pay them to learners suggest restriction by a method more indirect and probably more effective than the ratio system.

While it is generally admitted that an apprentice is at best a financial liability for the first year, and often longer than that, it is not that phase of the problem which is objected to so much as it is the added difficulties on the job when an apprentice is taken on. The expression most frequently used by contractors is that they "can't be bothered with boys."

Rapid building makes training on the job not only unprofitable but well-nigh impossible. Employers and journeymen agree that it is simply not possible to carry out any real program of teaching on the job.

To this school authorities and lay opinion, equally interested but not so directly involved, added that whether possible or not, there certainly is no training on the job. The boy merely "ruhs off" what he can while he is working with journeymen, and where school work is part of his training the school is expected to supply, in a few hours a week, the technical and mechanical knowledge which the job cannot, or at any rate does not, provide.

Training Defective In Building Trades

One authority made the unequivocal declaration that "there simply is no such thing as training apprentices on the building." Professor Mays explains that:

"The character of construction work discourages the use of inexperienced labor for skilled operations. The building mechanic does not make a small part of the whole which later will be placed in the finished product, as does the factory tradesman, but his work is performed, in the first instance, on the building itself. If a plasterer's apprentice or a tile setter's apprentice makes a mistake, it is made on the finished product and can be corrected only by the expensive process of tearing out materials from the building. This characteristic of building work makes teaching on the job a very expensive procedure and explains, in part, the reluctance of contractors to employ any but journeymen mechanics."

As already stated, apprentice problems and methods of dealing with them vary widely in different localities and crafts, and in the various crafts in the same locality. At the same time a few craft organizations have definite national programs which are of fairly wide application.

Henry C. Reid will operate from 389 Clementina St., San Francisco, under the firm name of Northern Street Lighting Company.

CONCRETE FOR ARCH DAMS

By Joseph A. Kitts, Consulting Concrete Technologist, Kitts and Tuthill San Francisco.

This article treats of plain concrete suitable for thin section arch dams of the cylindrical, variable radius and constant angle types. It does not apply in every respect to arched dams of the gravity type nor to reinforced concrete.

The general requirements of concrete for thin section arch dams are:

- (1) Economy
- (2) Durability
 - (a) Strength
 - (b) Density
 - (c) Impermeability
 - (d) Uniformity
 - (e) Low expansion and contraction
- (3) Workability, flowability and cohesion of the fresh mix.

These qualities depend upon the following items of the composition and manufacture:

- Cement quality and content;
- Water-cement ratio;
- Quality, shape, maximum and minimum size, and coarseness modulus of the mixed aggregate;
- Uniformity and character of grading of the mixed aggregate;
- Cement to voids in the fine and in the mixed aggregate;
- Sand and mortar to voids in the coarse aggregate;
- Accuracy of measurement of aggregates, cement and water;
- Mixing time and efficiency of mixer;
- Moisture and temperature of curing;
- Efficiency of placing plant; and,
- Workmanship in mixing, placing and curing.

Economy

Economical mixtures of the required quality depend upon the utilization, to the fullest possible extent, of those conditions listed which economically benefit that quality. This means thorough, constant and understanding technical and practical control of aggregate and concrete production,—proportioning, mixing, placing and curing, in co-ordination with and supported by, cement, aggregate and concrete testing as a daily routine part of such control.

An excess of cement allowed in lieu of thorough technological control does not insure the quality in any respect, will not give uniform results and is more costly to the owner and to the contractor than thorough control. The physical characteristics of the materials vary from day to day, therefore the cement content alone is not an indication of the strength, density, impermeability and durability of a concrete. It may be adulterated by silt, vitiated by organic matter, diluted by an excess of water and dissipated by a fine, small maximum size and poorly graded aggregate. The results are correspondingly not economical for the cement expenditure.

It is not economical to design for concrete of 2,000 lbs. per sq. in. compressive strength with a safety factor of four or more and then produce a concrete varying in strength from 2,000 to 4,000. It is not economical to reduce the cement and water content if this reduction is adverse to the workability, flowability and cohesion of the fresh mix to such an extent that the additional cost of placing is greater than the saving in cement.

Economy is controlled largely by the mixture (of essential workability) having the greatest strength in proportion to cost and upon the use of this strength as the basis of structural design.

Durability

Measures for durability should consider the exposure, the probable usable life of the structure, the climatic conditions, whether always full or alternately full and empty, whether subject to wear by overflow, etc.

Resistance to wear and stress is proportional to the strength. Resistance to chemical disintegration depends upon proportion of stable solids in the mass, high density, low porosity.

Durability depends largely upon permeability. Impermeability is necessary to prevent flow of fluids through mass, the consequent leaching of the cement, and to minimize the expansion contraction by variation of moisture content. Highly dense and impermeable concrete is essential where the structure is subjected to sustained temperature below freezing.

Uniformity of mix is a measure of durability as it means uniformity of strength, density, shrinkage, of modulus of elasticity, and of expansion and contraction by moisture variation.

Expansion and contraction due to moisture variation should be minimized to insure durability.

Strength

The greatest strength in proportion to cost of materials in the mix should be the basis of design, assuming a safety factor of 3 to 6,—the factor depending upon conditions under which the dam being built, required life, exposure, special requirements of site, conditions of site, availability of competent practice and technical labor, etc.

This maximum strength-economy factor must be based on the cost of materials at the site. It can be determined only by comprehensive concrete tests of the materials economically available with reference to the site) in which coarseness of grading of aggregates, the cement contents are varied while maintaining the essential workability and cohesion of the fresh mix.

In determining the compressive strength of concrete, the established adverse effects of compression tests should be taken into consideration.

The use of the strength at age of days constitutes a safety factor of 1.25, less than 1.25, if the structure is subjected to full load before an age of three months.

The relation of strength at 7 days S_7 to strength at 28 days S_{28} should be $S_{28} = S_7 \times \sqrt{4}$ in which (X) may vary from 28 to 36. Having established the strength at a two ages, that at any other age should follow the formula $S = K \log a + c$, in which (S) is the strength, (a) is the age and (K) and (c) are constants.

Uniformity

A concrete of varying quality has varying strength, elasticity, density, permeability, shrinkage in sitting, and a varying expansion and contraction by moisture content. Conditions of work of an unbalanced stress may be caused by lack of uniformity.

The moduli of elasticity are proportional to the square roots of the compressive strengths.

A uniform concrete should have throughout the mass of each monolith the same uniform gradation of rock particles, water-cement ratio and absolute volume of cement to unit volume of concrete. This constitutes an exact basis of mixture.

Density

"Density" is the proportion of solids in the mass and includes the increment of solids due to the combination of water with cement. It is a physical measure of the chemical stability of the combination, of the strength, impermeability and durability. Maximum density means maximum

um shrinkage, economical strength, permeability, low expansion and contraction by moisture, and the mixture is near as possible in chemical stability solid rock.

Strength may be as accurately predetermined from the density as from the water-cement ratio.

Density is easily measured by the concrete physicist while permeability of concrete is very difficult to measure.

Expansion and Contraction

When a reservoir is alternately full and empty, it is important that the difference swelling by moisture and contraction drying of the dam concrete be minimized as a measure for permanence.

Given the same mixed aggregate and varying the cement content, the expansion and contraction of the concrete, by setting and drying, decreases with increase of density as the mix is changed from lean to fat and increases with decrease of density as the mix is changed from fat to rich in cement content.

Impermeable Concrete

No standards of permeability and of impermeability tests have been established though this question has been the subject of research for more than half a century. Impermeability may be defined as resistance to free flow of fluids through the mass. Absorption by capillary attraction is not an indication of impermeability. Density and impermeability are not synonymous. However, where conditions are equal, the impermeability increases with the density.

Permeability on a unit area decreases generally with increase of thickness, cement content, age, density, and strength of the mortar or concrete; with the maximum size of the aggregate and the fineness of the cement; and, increases with silt content, fineness of grading of the aggregate, and with the pressure.

The medium consistency of mix is the most permeable; the dry consistency is the most impermeable; and the wet consistency is between the two.

The permeability of a 1:2 mortar having a density of 0.70 is greater than that of a concrete with a density of 0.85 is permeable than the mortar of lower density with which it is made.

It is not difficult to produce concrete impermeable to pressure of 450 lbs. per in. (1,000 ft. head) or less. The causes of impermeable concrete are deficient materials, proportions, mixing, placing, curing, workmanship, and laboratory control.

Impermeable concrete, for the most rigorous conditions and with fundamental economy, is provided for by the following specifications:

Cement:
Supplied by the owner;
Standard quality Portland cement;
and 85% or more passing the No. 200 sieve.

Aggregates:
Standard quality;

Total silt content of mixed aggregate not more than 1% by weight;
Maximum size, 4" to 12";
Separated into 3 to 6 sizes;

Fineness modulus of sand under No. 10 sieve, 2.9 to 3.4;

Fineness modulus of mixed aggregate not less than 7.0; and

Mixed aggregate uniformly graded to the Talbot-Richard equation $p = (d/D)^n$ or the Kitts-Peugh equation $p = 1 - (d/D)^m$ in which (p) and (r)

Barrels of cement per cubic yard of concrete, 0.7 to 1.5;

Water-cement ratio not greater than 1.2;

Cement to voids in mixed aggregate, 0.6 to 1.2;

Cement to voids in sand, 0.85 to 2.0;

Sand to voids in coarse aggregate, 1.05 to 1.20;

Mortar to voids in coarse aggregate, 1.3 to 1.5;

Slump (with particles over 1½" excluded) not less than 3" nor more than 7"; and

The mix to be that grading, cement and water content giving the greatest strength in proportion to cost of materials at mixer, with essential workability, flowability, and cohesion in the fresh mix.

Workmanship:

Mixing time not less than one minute at circumferential speed of 200 feet per minute while all materials are in the mixer;

Competent labor of placing not less than one man-hour for every 10 cubic yards;

Concrete placed in horizontal layers 3 to 6 times the maximum size of aggregate in depth;

Fresh concrete deposited on fresh concrete after starting pour; and

Concrete kept continuously wet for ten days after placing and at a temperature not less than 40°F.

Plant:

Approved modern batch mixers, cement weighing batchers, aggregate batchers, water measuring devices and concrete transporting equipment;

Self-cleaning aggregate bins; and
Slope of chutes not less than 1 vertical on 2½ horizontal.

Production Control:

Direction of inspection, testing, material measurement, mixing, placing and curing to be under an experienced concrete technologist; and

One man-hour of efficient laboratory control for every 50 cubic yards or less.

Efficient Mixtures

The following table (based on comprehensive tests by Lewis H. Tuthill) gives the most efficient mixtures for the particular cement content using ¾ inch maximum size gravel aggregate and a consistency as indicated by a 5" slump. The equation $p = (d/D)^n$ is the basis of grading of the aggregates.

B = bbl. of cement per cu. yd. of concrete;
W/C = cubic feet of water to one cubic foot (94 lbs.) of cement;
S/C = cubic feet of sand (dry-rodded) to 94 lbs. of cement;
C/Sv = cubic feet of cement to voids in dry-rodded sand;
C/Av = cement to voids in dry-rodded mixed aggregate;

B B	n	W/C	S/C	C/Sv	C/Av	S/Rv	M/Rv	Kd	Ks28	Kc	Kse
.6	.49	1.400	3.795	.742	.529	1.190	1.36	.890	1340	\$3.52	381
.7	.498	1.180	3.188	.882	.607	1.155	1.35	.899	1900	3.81	499
.8	.506	1.025	2.715	1.036	.689	1.125	1.35	.907	2430	4.10	593
.9	.512	.896	2.342	1.200	.773	1.090	1.35	.914	2900	4.40	658
1.0	.517	.796	2.049	1.374	.863	1.070	1.36	.917	3300	4.69	703
1.1	.519	.718	1.845	1.525	.954	1.065	1.38	.918	3595	4.95	727
1.15	.52	.684	1.759	1.592	1.000	1.060	1.29	.918	3700	5.10	726
1.2	.52	.651	1.675	1.680	1.050	1.060	1.40	.917	3800	5.24	725
1.3	.52	.590	1.500	1.875	1.150	1.060	1.43	.915	4000	5.52	724

S/Rv = sand to voids in dry-rodded coarse aggregate;

M/Rv = mortar to voids in coarse aggregate;

Kd = density of concrete;

Ks28 = compressive strength at 28 days;

Kc = dollars cost of materials in concrete; and

Kse = strength-economy factor (lbs. strength per dollar).

Cost of concrete and strength economy factor are based on aggregates at \$1.00 per ton and cement at \$3.00 per barrel at the site.

The mix of 1.1 bbl. and grading n = .519 meets fully the foregoing specifications for impermeable concrete of economical strength. It has the following desirable characteristics: (See table at bottom).

High strength, 3595 lbs. per sq. in.;

High strength economy factor, 727 lbs. per dollar;

High density, 0.918;

Low water cement ratio, 0.718; and

Very satisfactory filler to voids relations for low shrinkage, for impermeability, for minimum expansion and for workability, flowability and cohesion of the fresh mix.

With aggregates of this character, the use of more than 1.1 bbl. of cement increases the cost, shrinkage, expansion and contraction, decreases the density, economy factor, and perhaps the chemical stability. The use of 25% more cement is advisable, however, where skilled laboratory and production control are not available.

Workability

The concrete should have good workability, flowability and cohesion in the fresh mix whatever the method of placing.

Given the same slump,—workability and cohesion increases with the cement content and fineness of grading; flowability increases with the cement content and coarseness of grading; the water-cement ratio decreases with the cement content and coarseness of grading; and strength (and density to a certain extent) increases with cement content, coarseness of grading, and with decrease of the water-cement ratio. This shows that a balance must be struck between several opposing effects for the most efficient results.

The medium consistency (3"—7" slump) is preferable for impermeability and economy of placing.

Most methods of placing concrete involve chuting to a certain extent and chuting is often the most practical method of placing concrete in dams. By varying the coarseness of grading (while maintaining uniformity of grading) and the cement content, it is possible to chute concrete, without separation, with water-cement ratios of 0.5 to 1.3 and with cement contents of 0.6 or more barrels per cubic yard of concrete, the chutes being maintained on 40% gradient.

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

1-(a/D)m

re proportions by absolute volume passing and retained, respectively, on even openings of (d) inches, D and (a) the maximum and minimum diameters of the aggregate, and (m) and (n) are coarseness exponents.

Concrete:
Compressive strength at 28 days, 1,000 lbs. per sq. in. or more;
Density not less than 0.89;

UNIONS AND BUILDING INDUSTRY AT SEATTLE END LONG CONTROVERSY

(Special Correspondence to Daily Pacific Builder)

The agreement providing for three years peace in the Seattle building field was officially signed June 5 by officials of the building trades unions and of the Seattle chapter, Associated General Contractors of America. The signing of the new pact marks the end of a series of conferences and hearings beginning shortly after the first of the present year and which at times threatened to bring building to a standstill in Seattle.

The two major points of difference between employers and employees were on the question of the five-day week for the carpenters and the recognition of the common labor union.

Under the agreement, the carpenters' unions are granted the five-day week during the months of May, June, July and August.

The question of recognition of the common labor union is put up to a fact-finding commission, to be composed of three to five members, appointed by the Citizens' Industrial Adjustment board and representatives of the contractors and their employees.

This commission will make a study of the five-day week and also of the common labor union situation in Pacific coast cities, and report back not later than December 1, 1928.

It is agreed that if the commission recommends to the Industrial Adjustment board the extension of the five-day week to unions not now enjoying it, or the recognition of the common labor union, that the agreement be modified to comply with the recommendations.

The agreement was signed by James Murdock, president, and H. V. Bogert, of the Associated General Contractors, Roland Watson, president, and George Early, secretary, of the Seattle Buildings Trades Council, and approved by Frank Waterhouse, chairman of the Citizens' Industrial Adjustment board.

Should there be a general rise or fall in wages in construction work along the coast, the question of wages may be reopened and mutual adjustments made.

Provision is made for an adjustment board, to consist of six members of em-

ployers and employees, their decision to be binding on both parties. Contractors agree to give preference to building tradesmen in hiring employees, and employees in turn, agree to give those in the agreement preference in furnishing men during shortages of labor.

The agreement between the Seattle Building Trades Council and the Seattle chapter, Associated General Contractors of America, provides for the following local wage scale, effective as of May 1:

Asbestos workers.....	\$ 9.00
Building laborers.....	5.60
Concrete and carpenters' helpers.....	5.60
Plasterers' hod carriers.....	8.60
Bricklayers' mortar men.....	6.60
Chimney and veneer work.....	7.00
Bridge and structural workers:	
Structural and ornamental iron men	10.00
Rod men.....	9.00
Foreman (\$1 over scale) ornamental	
shop men.....	7.20
Carpenters.....	9.00
Pile drivers.....	9.00
Boom men.....	9.50
Foremen.....	11.00
Mill men.....	7.00
Floor layers.....	10.00
Electrical workers.....	10.00
Foremen.....	11.00
Helpers.....	6.00
Elevator constructors.....	10.00
Helpers.....	7.00
Glaziers.....	8.50
Hoisting and portable engineers.....	10.00
Marble, tile and terrazzo helpers.....	5.60
Paste machine men.....	6.00
Floor machine men.....	6.00
Electric material hoist.....	9.00
Steam shovel men.....	12.00
Firemen.....	8.60
Crane men.....	8.50
Dinky runner.....	8.00
Lathers:	
Wood.....	10.00
Metal.....	11.00
Plasterers.....	12.00
Casters.....	8.00
Cement finishers.....	9.00
Composition workers.....	10.00
Plumbers.....	11.00
Painters.....	9.00
Sign painters:	
Commercial.....	12.00
Bulletin men.....	12.00
Roofers.....	9.00
Foremen.....	10.00
Sheet metal workers.....	10.00
Steam fitters.....	11.00

GENERAL CONTRACTOR AND SUB-BIDS

(A Discussion By Fred R. Comb in the Northwest Associated General Contractors News.)

Quite frequently during the last few years the Associated General Contractors of America, Northwest Branch, has been requested to investigate charges of unethical treatment of sub-contractors by general contractors. Investigations have been made by earnest committees. Reports have been read, considered and reconsidered, but no solution of the problem has developed.

A Few Complaints.—On the one hand, general contractors are complaining of receiving sub-bids too late for use in preparing their estimates. They complain further of the difficulty experienced at times in getting sub-bids in sufficient number to afford proper competition on the item in question. Then under these circumstances they do not like the arrogance of some sub-contractors in making accusations of bad faith on the slightest provocation.

On the other hand, sub-contractors complain that general contractors are only rarely honest in the handling of sub-bids. They defend their action in giving their figures late by stating that when they give them earlier, the low bids always leak out to their "scalping" com-

petitors. They claim that often they are victims of the general contractor, who says, "I would like to buy from you, but your price is high," whereas actually his price is already the lowest received.

What Is the Solution?—And so the strife persists, to what end no one knows, but it does persist.

What is the solution? Should we set up machinery whereby the general contractor will be compelled to "go straight" by having sub-bids opened by a neutral agency immediately after the general bids are filed, etc., and some more machinery whereby the sub-contractor will have to get his bid in on time, respond to all calls for sub-bids and refrain from tempting the general contractor with lower figures after finding out that his original bid is out of line? Or must we scrap the present system completely and start all over again or go back to methods in vogue a few years ago when sub-bidding and sub-letting with the attending evils were not so much in the foreground?

In those days the general contractor estimated more of the work in his own office, and after getting the work did more of it with his own forces. If he

needed a little help in estimating that of some of the more special lines, he was able to get it without submitting to a lot of rules and obligating himself to sub-contractors were willing to help this way, and they do not lose by it.

I am inclined to favor the latter out of our trouble. We all feel the need these days of too many laws, and a feeling does not encourage us to a lot more of our own making. We know that laws are made for some to keep some to break. As soon as a law is up, someone sets out to find a way around it, and usually succeeds.

Some Anticipations.—Then, even plan were workable, whereby the general contractor would always get plenty of sub-bids on time and the sub-contractor making the lowest bid would always be the order and all would know how bids ran, what would be accomplished? Would not low price then be the thing even more so than now? Should sub-contractors wish such competition? I believe they really do not want it.

The general contractor has that kind of competition in many instances, an example, in city school lettings, in city school lettings and other public work and does not always like it. Contractors who have succeeded sufficiently in establishing themselves otherwise in the kind of business in which they are not so completely accentuated. If sub-contractors likewise would shun projects on which their bids would be opened with others less worthy and given only equal consideration.

Reversion to the older system, where few, if any, sub-bids are taken until after the general contractor has landed a contract, seems to offer promise of improvement over the present wasteful system of exhaustive sub-bids, made by the general contractor estimate is prepared. The American Contractor, April 2, in its editorial column suggests this revision as a means of combating the letting of separate contracts and aid to the general contractor who wishes to establish himself on a basis of merit rather than on a basis of low price.

It says in part: "Why should not architects lean to letting separate contracts when the general contractor is the same thing themselves, providing they get the job?" It points out by our habit of sub-letting, we are undermining our business instead of perpetuating it. It predicts that the contractor organization that equips itself so that it can put its own bid for the whole project and go ahead and build the whole project with only a minimum of sub-letting awarded the contract will offer a service which can be sold on its merits and at a price which will make less well-organized firms weep with envy.

Whether one goes all the way or a part way in this matter, it seems to me all should see the evil of accentuating further the sub-contract idea and join in a movement to prevent general contracting from becoming a business in which the proprietor is merely a broker, and a builder. General contractors should be fair in the handling of sub-bids but let them go slow in the matter of making rules which, at best, will only secure for sub-contractor fierce competition.

A Contractors' Convention is usually a forum for the construction industry where the man who does not consider it worth his while to attend in certainly misses a lot of common sense which is usually expressed at such gatherings. It will give any contractor to be regular in attendance at the conventions of his trade. It will get a new slant on the ethics of the industry, be educated on many things he is not informed on and be greatly benefited and enlightened by his participation in the functions of the industry makes his living at.—Exchange.

CONSTRUCTION OPERATIONS INCREASED DURING MAY, A. G. C. SURVEY REVEALS

Construction operations increased in volume during May, according to statistics just compiled by the Associated General Contractors of America. The rise last month, however, was not sufficiently great to bring the May total up to the mark recorded for the corresponding month one year ago, when a new record for that period of the year was set. The statistics are based upon actual shipments of basic construction materials.

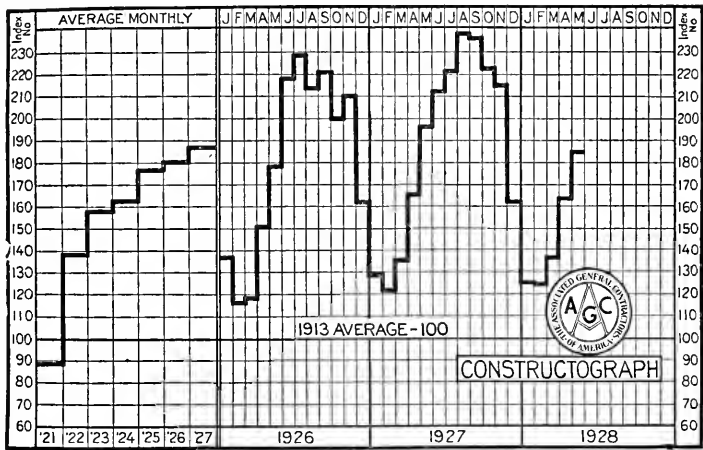
The total amount of construction work of all types handled during the first five months of this year is less than the volume recorded for the first five months of 1927, the figures indicate. The present total is so close to the figure established during the record-breaking months of last year, however, that no significance is attached to the latest development.

Indication that the slight deficiency

will be wiped out during the mid-summer months is found in the large volume of contracts awarded for future work. The volume of contracts awarded during April was the greatest ever registered for a single month, exceeding the March total of 8.5 per cent. The total volume of contracts awarded during the first four months of 1928 is more than eight per cent greater than the corresponding figure for 1927.

A scale which places the 1913 average at 100 as its basis, shows the index number representative of construction work actually under way during May to be 185. Index numbers for other months of the current year are: January, 125; February, 124; March, 137, and April, 164. Figures covering the corresponding months of 1927 are: January, 129; February, 121; March, 135; April, 166, and May, 197.

VOLUME OF CONSTRUCTION



BENEFITS DERIVED BY HOME MANAGERS THROUGH WASTE ELIMINATION PROGRAM

Ray M. Hudson, Assistant Director, Commercial Standards Group, Bureau of Standards, U. S. Department of Commerce

Usually we think of the Government as associated with the enactment of laws and their enforcements; the collection of taxes, the administration of natural resources and negotiations with foreign powers. There is one activity of the Federal Government, which is so recent that many individual citizens know very little about it, but which is nevertheless of vital concern to everyone, for it is designed to increase the purchasing power of his dollar.

In the Department of Commerce there is a Division of Simplified Practice which is concerned with the elimination of avoidable waste in industry. In a restricted sense, the word "waste" means something perishable or something that cannot be utilized. There are, however, other wastes in industry, among them, those caused by too great diversity in manufacture. Because of this overdiversity, a part of every dollar we spend these days pays for waste.

The desire of certain manufacturers to produce something different from their competitors often results in flooding the market with a surprising variety of articles which show only slight and immaterial differences in size and form. This practice has clogged avenues of distribution, congested the shelves of re-

tailors, and the warehouses of wholesalers. This condition has gone on until the disposal of such goods has been possible only at a loss. "Bargain sales," "special manufacturers' sales," "bankruptcy sales," and the like have been the answer.

I wonder how many readers have any conception of the enormous variety in which the most commonplace commodities are offered to the buying public. For example, most amateur carpenters sooner or later invest in a grinding wheel to keep their tools in good condition. Suppose that in 1925 some local hardware dealer had decided to carry a full line and therefore stocked his store with one of each size, grade and type of wheel. How many would the prospective purchaser find from which to make his selection? One hundred would probably be enough to satisfy the most exacting. Five hundred surely would. Yet, our local hardware dealer in 1925 would have shown us more than 715,000 different grinding wheels! Similarly, before simplification, he would have had to carry 1,350 styles of commercial files and rasps, nearly 7,000 items of builders' hardware, over 5,000 varieties of shovels and spades, etc. Of course, no one retailer ever stocked such a variety. He merely tried

to select those styles and sizes which he felt would best satisfy the local tastes.

The Federal Government, through the Division of Simplified Practice of the Department of Commerce is co-operating with the producers, distributors and consumers in doing away with "too much variety." The Division's experience with many commodities has indicated that 80 per cent of the business is done with 20 per cent of the variety offered. The producer, distributor and consumer held a joint conference under the auspices of the Division to decide what and how many items can be eliminated because of being "seldom-called for." This weeding out movement is called "simplified practice" and must be accepted by 80 per cent by volume of sales, of producers, distributors and consumers, before it is effective.

Let us assume that you are planning to build a house. The advantages you will derive from simplified practice will be many, whether or not you realize it. For example, previous to the adoption of a simplified practice recommendation, lumber was cut in a great variety of thicknesses. Approximately 90 per cent of the soft wood lumber marketed last year was in accordance with the standards shown in Simplified Practice Recommendation No. 16. Similarly the face and common brick industries have simplified the varieties in their products from 39 and 44, respectively, to one standard size.

Whatever type of construction is selected, the home-builder will find that simplified practice recommendations have been adopted covering a number of important items. All of these represent efforts to do away with wastes, and to make the dollars spent in home-building buy the greatest possible values. Altogether 80 simplified practice recommendations have been adopted by various industries under auspices of the Division of Simplified Practice.

Such reductions as these are of immense value to the consumer, but if the same plan is put into effect by all of the concerns engaged in making the same class of commodities, it is reasonable to suppose that the effect will be cumulative, and the benefits to the consumer multiplied. Economies which are gained by the manufacturer and distributor must be passed on to the consumer in any competitive business, either in reduced price, more goods for the money, or better values.

From the standpoint of the home-maker, simplification is a step in the direction of thrift, the prudent expenditure of the family funds is made easier. Support of simplified practice and a further influence as a consumer for an extension of the simplification program is a matter worthy of the home-maker's best efforts.

As we help through our daily purchases to encourage the elimination of unnecessary variety in the goods that satisfy our wants, we hasten the elimination of waste in industry. And as these wastes decrease, the purchasing power of our dollars increases, and our cost of living will consequently be lowered.

Wages of building trades mechanics are undoubtedly at the peak in most cities throughout the United States. The public and contractors are willing to pay the rates and help workmen reap the harvest of a successful construction campaign in any community, but will not hesitate to draw the line when the five-day week advocates try and increase wage rates and cost of construction by the subterfuge of the application of the supply and demand theory.—Exchange.

If contractors in the building industry would pay more attention to their own organization and less to that of their employees they could reasonably hope to get somewhere and reap the benefits of concerted action and cooperation.—Exchange.

THE OBSERVER



**What He Hears
and Sees
On His Rounds**

Charging that school students of the vocational classes and vocational instructors were being employed on salaries for the construction for a four-room structure on the high school grounds, a delegation of carpenters, headed by Charles R. Gurney, secretary-treasurer of the Alameda County Building Trades Council, appeared before the Berkeley Board of Education. It was charged that this procedure was taking rightful employment from legitimate carpenters and was effecting no saving for the board. Following a lengthy discussion, during which it was explained that it had been the original idea to have the work completed by the vocational students during the school year as a class training project, the board voted to conduct a thorough investigation and report at the next meeting as to what should be done in the matter.

The Division of Simplified Practice of the Department of Commerce has announced that Simplified Practice Recommendation No. 57, Wrought Iron and Wrought Steel Pipe, has been reaffirmed, without change, for the year beginning June 1, 1928. The Standing Committee for the recommendation reported to the Division of Simplified Practice that a survey conducted prior to the revision conference held by the committee, indicated that the average degree of adherence to the recommendation was 95 per cent. This recommendation reduced the variety in sizes of valves and pipe fittings from over 20,000 to 19,238, and sizes of pipe from 62 to 49.

Stockton took another step nearer to municipal ownership of its power distribution systems when the city council authorized \$1,000 appropriation to compile technical data for presentation to the State Railroad Commission.

An increase of 30 per cent in real estate and construction financing is reported by the S. W. Strauss Company for the month of April, 1928, as compared with the corresponding month in 1927. The large increase in savings deposits as reported by the Federal Reserve Banks seems to indicate that there is still plenty of money for construction financing and not all of it is going to stock market speculation.

No decision has as yet been made concerning rebuilding the Feather River Pine Mills, Inc., destroyed by fire last October with a loss of more than \$2,000,000, it is announced by A. H. Land, president of the company. Land recently returned from a trip to Chicago and Detroit where he was on business connected with the corporation. "Whether the mills will be rebuilt is most uncertain. There is nothing definite at all," the president said. He declared, however, that eastern lumber men are of the opinion that the lumber market probably will be a long time in returning.

Important standardization activities in many American industries during the past twelve months are described in the Year Book of the American Engineering Standards Committee just issued. Forty-nine new standards and 40 new projects are listed for numerous branches of industry and engineering, including mechanical, civil, electrical, mining, wood, textiles and safety. Offices of the Committee are located at 29 West 39th St., New York, N. Y.

Sebastopol Chamber of Commerce will recommend to the Sonoma county supervisors a long term program of permanent highway construction throughout the county. It is recommended that provision be made for an \$8,000,000 expenditure during the next ten years.

Structural engineers in New York City have just formed a professional society, the "Structural Engineers Society of New York," intended to create a better understanding and bond among individuals engaged in the profession, eliminate injurious practices and promote sound professional practices, and in general aid in the maintenance of proper standards and sound relations with other building interests and with the general public. F. A. Burdett has been elected president of the society, and L. A. Ball and N. A. Richards, vice-presidents. Elwyn E. Seelye is secretary and H. R. Burroughs is treasurer of the new organization.

Although the adjournment of Congress has eliminated any possibility of action on the Swing-Johnson Boulder dam bill until December, a joint resolution passed just before adjournment provides for a thorough investigation of both the economic and the engineering features of the proposed dam. This will be made by a board of five engineers and geologists to be selected by the Secretary of the Interior, with the approval of President Coolidge.

Johns - Manville Corporation reports consolidated net profit of \$772,705 for the first quarter, equal after 7 per cent preferred dividend requirements, to 85 cents a share on the common. Sales were \$10,144,156. Expenses, \$9,264,532, and federal taxes \$106,918.

The Missouri Supreme Court, by a recent decision, has confirmed the right of a city to assess the cost of engineering and inspection service on street, alley and sewer improvements upon the benefitted property owner. Heretofore the property owners have been assessed for material and labor costs only.

California Water Service Company of San Francisco seeks authorization of State Department of Public Works, Division of Water Rights, to appropriate waters from the Lower Sacramento Valley near Rio Vista to provide for extensions to its water system in the Port Costa district in Contra Costa county. The water would be pumped a distance of 32 miles. Construction involved will represent an expenditure of \$5,500,000.

Average production per man in blast furnaces in the United States increased from 25 tons in 1850 to 1,257 tons in 1923, according to statistics compiled by Ethelbert Stewart, Commissioner of Labor Statistics, Department of Labor, based on a study of the subject made by him. This increase, he states, has been almost continuous except for the years immediately affected by war conditions. During the period from 1850 to 1925 the number of employees in the blast furnace industry increased only 44 per cent, while the output increased more than 7,000 per cent.

Manufacturers of a resilient floor tile, located in Chicago Heights, Ill., wish to appoint a suitable distributor in San Francisco to handle their product. (If interested write, phone or call on "The Observer").

The ratio of the operations to the capacity of the American portland cement industry during the month of May was 86.6 per cent, according to figures released by the Bureau of Mines of the Department of Commerce. During the month 17,280,000 barrels were produced, 18,386,000 barrels were shipped, and there were in stocks on hand at the end of the month 25,921,000 barrels. Production in May, 1928 was 3.5 per cent more, shipments about 12.6 per cent more, than in May, 1927. Stocks at the mills were 10.3 per cent higher than a year ago.

Beach sites are being inspected with the viewpoint in mind of finding an appropriate site for a steel manufacturing plant to be constructed and operate along the beach near Watsonville. The scheme is being considered by L. O. Treadway, H. B. Meade, Charley Meyer and J. H. Whitney, all of Los Angeles, who recently arrived in Watsonville. The beach sand is said to contain unlimited quantities of steel and other minerals.

Under the provisions of the McSweeney-McNary bill which passed the last session of Congress increases the present annual expenditure of \$1,000,000 for forest research by about \$250,000 a year until the maximum annual expenditure of \$2,500,000 is reached.

The Long Bell Lumber Company of Kansas City and the Pacific Northwest was upheld in its activities in promoting the town of Longview, Wash., in a report filed with the State Supreme Court at Jefferson City, Mo., by Fred L. Williams, St. Louis, who has been conducting an investigation since 1926. Suit to oust the Long-Bell Company from its Missouri charter was filed in the Supreme Court by Mr. and Mrs. F. J. Bannisher, who held 1 per cent of the stock of the company in 1926. The suit attacked the company's promotion of the town site of Longview, Wash., then being built on the site of a 90,000-acre timber tract held by the company. It was alleged that the company's charter did not provide for such promotion.

Sixteen mills in the California Redwood Association cut 7,017,000 ft. during the week ended June 2 as compared with normal production of 10,092,000 ft.; shipments were 7,319,000 ft. and orders received totaled 7,045,000 ft. The cut for 21 weeks of the current year was 169,001,000 ft., as compared with 145,878,000 ft. for the corresponding period last year; shipments were 156,239,000 ft. as compared with 174,179,000 ft. and orders received were for 164,771,000 ft. as compared with 139,518,000 ft. last year.

Wilson Compton in the National Lumber Bulletin says "the favorable balance between lumber supply and demand consistently developed during the past several months in showing results. Fundamentally the supply and demand relationship in the lumber industry as a whole is more favorable than at any time during the last five years."

Seaboard Lumber Sales, Ltd., is an organization formed by a number of tide water mills in British Columbia to sell their output. F. R. Pendleton is president and C. H. Grinnell is manager. The mills produce about 80 per cent of the lumber shipped from that district to the Atlantic coast.

One of California's very important and growing nonmetallic industries is that involving the development and use of her clay resources, Lloyd Root, State Mineralogist, reports. Ceramic plants are being established in increasing numbers, existing plans are being enlarged, and a wide variety of products is being put on the market. Our natural deposits of clays in this state form the basis upon which these industries are founded.

Since 1920 a total of 16,733 persons have been killed in grade crossing accidents, according to the American Road Builders' Association. In California, since 1920, the association points out, 118 deaths occurred with injuries totaling 330. California is reported to have 6234 unprotected crossings. The year 1927 was marked by a noteworthy decrease for the first time since 1900. During 1927, a total of 2371 persons were killed and 6613 were injured in grade crossing accidents.

Mr. Marshall Dill, 216 Pine St., San Francisco, wants samples, prices and complete information on the subject of volcanic ash, similar to California Pumice. Will purchase in carload lots if material and price are satisfactory.

Six hundred thousand tons of rock lifted when an electric spark detonated sixty tons of explosive in the quarry of the Coast Rock & Gravel Company at Piedra, June 17. The amount of rock moved is declared to be the largest ever moved by a blast in the history of the San Joaquin valley. The blast provided sufficient loose material, it is believed, to supply the jaws of the rock crushing machines for the next year and a half.

Street improvement projects in San Francisco, to be carried out under the new budget this coming year will aggregate \$1,500,000. Of this sum, \$300,000 will go for resurfacing, reconstruction and maintenance; \$20,000 for street widening; \$100,000 toward assisting outside counties in highway projects. Other proposals are \$65,000 for a permanent road through Golden Gate Park, \$250,000 for special projects and \$100,000 for the purchase of new street work equipment.

The need for widening, straightening and improving existing highways is indicated in the rapid increase in the number of automobiles in use, according to records of the California State Automobile Association. In 1918 there were only seventeen cars in service for every mile of improved highway. Last year there were forty cars for each mile, which means that the motor vehicles are increasing at a faster rate than improved roads are being developed. There is plenty of road to be improved, according to the Association, since there are approximately 3,000,000 miles of roads of all sorts in the United States, and of this total less than 600,000 miles can lay claim to the title "improved." The mileage of really first class thoroughfares is estimated at only 78,000 miles, so that there is still a large amount of roadway for the rapidly increasing motorists.

A contract for regulating the main tributaries of the Magdalena river in Colombia, South America, has been granted to Julius Berger A. G., Berlin. This firm in 1926 was given a contract by the Colombian government for the regulation of the main Magdalena river. It is planned that all of the work will be finished in 1932.

A grain elevator, said to be the largest in the world, is under erection at Port Arthur, Ont. It will have a capacity of 900,000 bushels. Equipment will include eleven 150,000-lb. scales, twenty receiving cleaners, 32 other cleaners and 22 belt conveyors with a total length of more than 34,000 ft. The trackage will provide space for 225 loaded cars at one time.

TRADE NOTES

Acting on a complaint of the Atlas Fence Company, of Newark, N. J., that Government standard specifications for fences are a discrimination against independent manufacturers, Senator Edwards (Dem.), of New Jersey, in a letter has just asked the Bureau of Standards for a report on its metallurgical tests with respect to fences. This action follows correspondence among the company, the Secretary of Commerce, the Bureau of Standards, and the New Jersey Senator. The company, in a letter of May 22 to Secretary Hoover, protested the effort to obtain general acceptance of the tentative standard specifications (corrected as of January 15, 1928), for chain link fence and chain link fabric, galvanized after weaving.

Yosemite Portland Cement Company formerly located on the sixth floor of the Standard Oil Bldg., San Francisco, has moved to larger quarters on the fifth floor of the same structure.

J. A. Hart, announces the purchase of the business of — & Burmeister and will hereafter operate under the firm name of J. A. Hart Mill & Lumber Company. The concern will continue in the manufacture of architectural wood work, sash, doors, frame and mouldings at the same plant location, Jerrold and Napoleon streets, San Francisco.

Santa Cruz Portland Cement Co. on June 19 declared its regular quarterly dividend of \$1 per share, payable July 1 to stock of record June 21. This is the sixty-second dividend declared by the company.

Circle Equipment & Construction Co. of San Francisco, capitalized for \$5000, has filed articles of incorporation in Oakland. Directors are: Hilmer Dickey, Owen B. Smith and John Currie, all of San Francisco.

Plant of Diamond Hardwood Co. in Southwestern Ave., Los Angeles, suffered a \$150,000 fire loss on June 19.

General Fibre Products Co., Inc. of Berkeley, capitalized for \$200,000 has been incorporated. Directors are: Justin K. Toles, Geo. C. Pittcock, Chas. J. Cox, Justin B. Toles and Kenneth L. Williams, all of Berkeley.

W. Lloyd Conover of Saratoga, new owner of the B. B. Bailey Lumber Company at Los Altos, has already started on his expansion program with the construction of a new office building, 16 by 12-ft. A fleet of motor trucks will deliver the company's products.

W. A. Davis, B. Heinrich and C. G. Smith will operate from 463 Harrison St., San Francisco, under the firm name of West Coast Elevator Company.

Meyer Leson and Jacob Leson will operate from 2940 West street, Oakland, under the firm name of Oakland Sheet Metal Supply Company.

S. T. Johnson Company, manufacturers of oil burning equipment, has opened a direct factory branch at 230 North Sutter St., Stockton, with C. R. Sanborn, as branch manager. In addition to rotary burners, the company manufactures low pressure oil burners and pumping equipment, steam atomizing, natural draft and whirlwind burners, crude oil pumps; also electric or steam-driven oil pumping and pre-heating equipment.

ALONG THE LINE

Frederick V. Carleton, Berkeley engineer, has been named by George Posey, Alameda county surveyor, as superintendent of the Oakland-Alameda Estuary tube now being completed. The position carries a salary of \$235 a month.

D. C. Birch, formerly assistant manager of the Madera Sugar Pine Company at Madera, has resigned to accept a similar position with the Sugar Pine Lumber Company at Pinedale, Fresno county. He will assume his new duties July 1.

Kern county supervisors are considering a proposal advanced by Ira M. Williams, chairman of the board, providing for a \$6,000,000 expenditure to finance construction of a county highway system. Some members of the board favor a bond issue while others favor direct taxation.

Ralph Naas, city engineer of Antioch, is suffering from serious knife wounds about the chest. On June 16 he was attacked by several Mexicans in the S. P. depot at Antioch who are thought to have robbed him.

Oakland City Planning Commission seeks \$30,000 for the employment of Harland Bartholomew, traffic and city planning expert, in the preparation of a comprehensive city plan. Included in a \$56,252 budget demand, the commission also seeks \$15,000 for an aerial survey of the city.

Robert Duncan, San Jose gravel dealer, addressed the San Jose Engineers' Club at the regular weekly luncheon meeting in the Commercial Club, San Jose, June 18. His topic was "Gravel Aggregates."

Trade Literature

A four-page folder issued by the Renzor Manufacturing Co. of Mercer, Penn., describes the use and construction of the Renzor warm air gas heater and cover. Copies will be furnished on request.

Dayton Sure-Grip and Shore Co., Dayton, Ohio, has published a new booklet in which are described adjustable shores, form ties and spreaders, furring clips and its concrete inserts capable of carrying a 4-ton load. Diagrams showing the method of application of the various products form a part of the information.

Alpha Portland Cement Co., Easton, Pa., has published a 112-page handbook, entitled "Alpha Cement—How to Use It." The handbook gives much practical and valuable information in regard to the construction of concrete structures. Typical sections of the handbook consider the following: Forms and reinforcement for concrete; concreting in cold weather; cement houses; cement posts; walks and floors; curves and driveways. The handbook is planned for the builder of small structures.

Interflash Signal Corporation, 120 Broadway, New York City, has issued a new bulletin on their Interflash Traffic Beacons. This bulletin presents an interesting discussion on the location of traffic beacons of this type, and ends with data on the Interflash.

CONSTRUCTION OF GIANNINI HALL TO START AT U. OF C.

Plans for Giannini Hall, the building to be erected at the University of California to house the work of the Giannini Foundation, are being prepared and work on the structure will be started within a short time, according to announcement by the Regents of the University. Five hundred thousand dollars was given by A. P. Giannini and the Bank of Italy for the building, and one million dollars was given at the same time as a Foundation for research in agricultural economics.

Acting on the request of the donors, W. C. Hays of San Francisco has been retained as architect for the building; and the P. J. Walker Company has been employed as contractor. Owing to the fact that Giannini Hall is to be practically a duplicate of Hilgard Hall, in the agricultural college group, the preparation of the plans will not require as much time as for a building of new design. Some differences will be necessary, due to the contour of the site.

The Giannini gift was made for the purpose of studying the problems of the California farmer, both as to production and disposal of crops. The Foundation is to establish a permanent institution, only the interest to be expended in the work of the research group to be gathered for the work.

PROTEST FREIGHT RATES

Santa Cruz Portland Cement Company has filed a complaint with the Railroad Commission against Southern Pacific Company alleging that defendant carrier has published rates for the transportation of cement in carloads between points in California which are unreasonable and discriminatory insofar as they involve the movement from Davenport, the location of complainant's plant, in Santa Cruz County, to all points, Franklin to Valley Springs, and asking the Railroad Commission to suspend said rates for a period of 120 days pending an investigation into the reasonableness thereof.

Blue Diamond Company of Los Angeles has filed a complaint with the Commission against Southern Pacific Company, Holton Interurban Railway Company, Los Angeles & Salt Lake Railroad Company, The Atchison, Topeka and Santa Fe Railway Company, San Diego and Arizona Railway Company and Los Angeles Junction Railway Company, alleging that defendant carriers have published rates for the transportation of plaster and plaster products from Plaster City to other points in California on the lines of defendant carriers, which rates will be unjust, unreasonable and discriminatory to complainant, and the Railroad Commission is requested to suspend such rates and to conduct a hearing for the purpose of establishing just and reasonable rates in place thereof.

MUNICIPAL OWNERSHIP IN LODI PROVES SUCCESSFUL

If you want to attack publicly owned utilities in Lodi, be sure and do it in a whisper!

Here are a few things the city has done, according to Mayor W. A. Spooner: Reduced its bonded debt to \$300,000; erected a new \$69,500 city hall and bought two \$13,000 fire trucks, improved public park and built municipal swimming pool at cost of \$13,000. Bought a new eight-acre park at a cost of \$18,000. Added \$54,000 worth of storm and sanitary sewers.

All this, mind you, while the tax rate was being reduced from \$1.70 to \$1.50. This year it may be still further lowered to \$1.40.

These improvements were made from profits of the Lodi municipally owned light and power system, at a rate 65 per cent of that of private companies.

ASHES TO ASHES AND DUST TO DUST

(By C. W. Brooding Engineer, Bethlehem Handbook Hatchery, in Engineering News-Record)

THE VOICE OF THE PROPHET:

Bricks will break, and rocks will fall,
Paint will peel, and concrete spall,
Wood will rot, and steel will rust,
Ashes to ashes, dust to dust.

THE CONCRETE CROWD:

Ashes to ashes and dust to dust,
Wood will rot, and steel will rust,
Bricks will break, and rocks will fall,
For permanence you need a concrete wall.

THE FELLOWSHIP OF FABRICATORS:

For permanence specify structural steel;
Timber will rot and concrete peel,
Clay bricks will fall when mortars grow faint,
Steel lasts forever with two coats of paint.

THE LADDIES OF THE LUMBER LEGION:

Wood lasts forever with two coats of paint,
And it's cheaper than steel; we'll be warped, if it ain't!
Concrete will crumble, and bricks are no good,
Ask dad how to build, and he'll say it with wood.

THE KLAY KILN KLAN:

Ask dad how to build, and he'll say it with bricks!
They'll be standing the gaff when all others are nix;
When timber and concrete and steel have gone bust,
Ashes to ashes and dust to dust.

THE PAINT PEOPLE:

Ashes to ashes and dust to dust,
Timber will rot, and steel will rust,
Bricks will break, and concrete will spall,
Save the surface and you save it all!

PROPHET AND CHORUS:

Bricks will break, and rocks will fall,
Paint will peel, and concrete spall,
Wood will rot, and steel will rust,
Ashes to ashes and dust to dust.

UNIVERSITY REGENTS ASK SALE OF BUILDING BONDS

Asking the State Building Finance Board to direct the State Treasurer at once to sell \$2,000,000 of the \$6,000,000 bonds authorized by the people of California at the November election in 1926, the Regents of the University at their last meeting adopted a resolution declaring that the progress of the building program has been such that this sum is now needed.

One million dollars of the bond issue already has been sold, and the present request will bring the sales to half the amount of the issue.

Four buildings are under way on the new campus of the University of California at Los Angeles, for which \$3,000,000 was provided. Two of these structures, the Library and Administration Building, and Royce Hall, the auditorium and classroom building, are nearing completion.

At the University of California, Berkeley, plans are nearing completion for the Life Science Building, to cost more than \$1,500,000, and the infirmary. The Regents have authorized Comptroller R. G. Sproul to ask for bids as soon as the plans are ready.

CLEVELAND CONTRACTORS GIVE 5-YEAR GUARANTEE

An important step forward in business service was announced when the H. K. Ferguson Company of Cleveland, international construction engineers, recently adopted a policy of guaranteeing buildings for five years.

Beginning June 1, every lump sum contract undertaken by Ferguson engineers on plans and specifications which they have prepared or approved for guarantee will include this clause: "The builder guarantees the work against defective workmanship and material for a period of five years after date of completion."

No organization has ever guaranteed complete building projects for so long a period as a regular policy, according to Harold K. Ferguson, president of the company.

"We are able to make such a guarantee because we assume complete responsibility for layout and design as well as for the actual construction," Ferguson said.

When our engineers design a building, put the right materials into it and see that it is constructed soundly, we can be pretty sure it will stand up well."

Regular inspections at least once a year are included in the guarantee. Any defects found within the five year period are to be adjusted by the contractors.

Authorizing the guarantee and backing it are the officers of the company: Harold K. Ferguson, president and treasurer; Joseph S. Ruble, vice-president and construction manager; H. S. Jacoby, secretary and chief engineer, and R. E. J. Summers, chief contract engineer.

ST. PAUL-TACOMA GOES ON PERPETUALLY PRODUCTIVE BASIS

The St. Paul and Tacoma Lumber Company, Tacoma, Wash., has joined the ever increasing number of large timber land owners that are handling their forests on a sustained yield basis, according to the National Lumber Manufacturers Association.

In marking its fortieth anniversary in the lumber producing field, this company, which owns large timber areas in Washington state, has announced the adoption of a definite program for keeping its forest lands continuously productive, pay-rolls permanent and its service to consumers dependable.

Within the last few weeks, Everett G. Grizes, president of the company, and other officials have conferred with forest research and management specialists of the Western Forestry and Conservation Association (a timber owner's co-operative service association) who have made a thorough survey of the company's cut-over lands in various stages of reforestation. Plans have been drawn for effective handling of the fire problem, prompt restocking of logged lands and the development of a fixed forestry policy. It is expected some experimental planting will be done this Fall. The enlistment of neighboring community interest in forestry will be a feature of the program.

A recent survey of privately owned timber lands revealed the fact that more than 21,000,000 acres, mostly owned by large lumber and paper companies, were being managed with a view to reforestation. Many of these companies are already operating on a sustained yield basis.

SPAIN LETS CONTRACT FOR ROAD WORK COSTING \$40,000,000

Fox Brothers International Corporation of New York has signed a preliminary contract for the construction of a new national highway in Spain at an estimated cost of \$40,000,000. The highway will be of concrete from Madrid to Iron, through the Pyrenees, and will enable tourists to motor from Paris to Madrid by way of Biarritz.

DETROIT COMMISSIONER PROPOSES CONTRACTORS' LICENSE LAW

Contractors in Detroit and those wishing to do building construction in that city will have to post a bond of \$2000 and obtain a license if the license ordinance proposed by John M. Bischoff, Commissioner of Buildings, is passed by the City Council. The proposed ordinance makes the bond a guarantee that the building contractor would be more closely observed by contractors and that the agreements of such contractors would be fulfilled. The ordinance provides for an examining committee composed of one architect, one engineer, two building contractors and one building owner who would have the authority to issue contractors' licenses. The ordinance will require two readings before the council before the vote is taken.

FRANK V. MAYO NAMED STOCKTON DISTRICT REPRESENTATIVE BY ASSOCIATION

In response to a circular letter issued from the newly organized State Association of Architects, a group of Stockton architects met at the office of Mayo, Bischoff & Co., in Stockton, June 6, for the purpose of selecting a district representative from the Stockton district, which consists of the counties of San Joaquin, Stanislaus, Tuolumne and Mariposa. The purpose of the association is in general to advance the profession of architecture in the State of California through proper publicity, legislation and the cooperation of its members which is confined to the certified architects of the State of California.

Frank V. Mayo was nominated by M. Jorgensen, chairman of the association, to act as the local member of the advisory council and his nomination was affirmed at the meeting last night, which was attended by Howard G. Bissell, Upton Cloudsley, Victor Galbraith, Joseph Losekann, Frank V. Mayo, Ralph Morrell, Peter L. Sala and Ivan C.atterlee.

GET WAGE INCREASE

The Los Angeles City Council has voted increases in salaries to 800 technical men in the city engineering department. At the same time 69 positions in a department will be abolished so that, according to the budget director, the payroll of the department will be \$74,000 less at present. It is hoped by the city engineer that the increased salaries will permit the department to retain the men which are trained in it instead of making merely a school for engineers. An increase from \$4.75 to \$5 per day for unskilled labor was also voted by the city council.

STEAM PLAN CONTRACT AWARDED LOCAL FIRM

C. C. Moore & Company of San Francisco have been awarded a contract by the British Columbia Electric Railway Company with headquarters at Vancouver, B. C., to construct the first unit of what is known as the Hastings steam unit, the estimated cost of which is \$500,000.

The contract is for the first 20,000 k. w. turbo-generating units of a station which is contemplated will ultimately contain four similar units, with a total capacity of 80,000 k. w., or 105,000 horsepower. The normal fuel supply will probably be coal, which will be pulverized before being fed to the boilers. Structural provision will, however, be made for the possible future use of oil fuel.

Surveys and test borings at the site have been under way for some time and are now practically completed. Engineers are starting work immediately on the detailed design of the new plant, and it is expected that the completion of the contract will take place by September 1, 1930.

COURT SCORES SURETY PRACTICE

In its decision in the case of the American Surety vs. a Douglas county (Neb.) school district, revising a judgment of a lower court and dismissing an action, the Nebraska Supreme Court expressed extreme disapproval of the practice of surety companies of demanding that the obligee retain 10 per cent of the contract price of a building for the protection of workmen and material men. Almost all surety companies write into contractor's bonds the 10 per cent retention clause. The school district in question had failed to withhold 10 per cent of the price on a school building erected at a cost of slightly more than \$10,000.

In its opinion the Nebraska Supreme Court said that a 10 per cent retention clause is not authorized by the section of the state law that provides for the taking of such bonds by political subdivisions, including school districts. In the case in question the surety interpolated into the printed bond form some matter embodying the provisions of the section of the state law that governs. However, the court ruled that the bond can govern and impose no such liability as was contended by the surety.

The court said in addition that the conditions of the bond are separable and that the applying rule is identical with the rule that applies to common law bonds that are partly good and partly bad. Unless the law declares such a bond to be void in its entirety the good parts shall hold and the bad parts shall be considered surplusage.—American Contractor.

STEEL CASTINGS

New orders for steel castings in April, as reported by the principal manufacturers, were 57 per cent of shop capacity, as against 57 per cent in March and 56 per cent a year ago. The production of steel castings was 53 per cent of capacity in April, as against 64 per cent in March and 66 per cent a year ago. The 128 reporting concerns have a present monthly capacity of 144,800 tons and represent over four-fifths of the commercial castings capacity of the United States, of which 67,300 tons are usually devoted to railway specialties and 77,500 tons to

SALE OF LIMESTONE IN INDIANA STATE IN 1927

The sales of stone for construction from the quarries of the Bedford-Bloomington oolitic limestone district, Lawrence and Monroe Counties, Indiana, in 1927, as reported to the United States Bureau of Mines, Department of Commerce, by the producers, amounted to 13,572,950 cubic feet, valued at \$16,407,170. This was a decrease of 4 per cent in quantity compared with 1926. These figures include 5,445,970 cubic feet of rough blocks, valued at \$3,461,369; 5,268,060 cubic feet of sawed and semfinished stone, valued at \$4,685,844, and 2,858,920 cubic feet of cut stone, valued at \$8,259,957.

Besides the high grade stone quarried chiefly for construction, considerable stone (amounting to 423,720 tons, valued at \$381,455 in 1927) used for concrete, road metal, flux, riprap, rubble, glass making, agriculture, etc., is produced in these counties. This grade of stone showed an increase of 4 per cent in quantity over 1926.

Stone sold by quarry operators to the finishing mills of the district and dressed and resold by them in 1927 amounted to 1,670,470 cubic feet, valued at \$3,646,445, an increase of 11 per cent in quantity over 1926. The total sales by these plants included sawed stone, 728,000 cubic feet, valued at \$704,732; semfinished stone, 35,030 cubic feet, valued at \$58,056; cut stone 907,440 cubic feet, valued at \$2,883,657, and represent a considerable increase in sawed stone, a small increase in semfinished stone, and a decrease in cut stone.

FREIGHT RATE ADJUSTMENT IS ORDERED

Pomona Title Manufacturing Company, having filed a complaint with the Railroad Commission against the Southern Pacific Company, alleging that the rate charged on 17 carloads of crude clay shipped from Lincoln to lone to Pomona between February 16, 1926, and September 22, 1927, was unjust and unreasonable, the Railroad Commission has directed defendant company to refund to complainant all charges collected in excess of 28½ cents per 100 pounds of said shipment.

CONSTRUCTIVE UNEMPLOYMENT

Unemployment, far from being a symptom of industrial illness, might be, in the view of Donaldson Brown, Vice President of the General Motors Corporation, evidence of industrial vigor and abundant vitality.

"While regularization of employment in industry depends upon the correct adjustment of supply to consumer demand," he said in an address at the manufacturing session of the Chamber of Commerce of the United States, "the growth of employment and wages depend upon continuing increase in efficiency and diversification of production as well as upon growth of consuming power.

"There has been a tendency evident in the daily press recently to raise the question of the benefits of efficiency, on the ground that our progress in this direction is resulting in unemployment. Unemployment which progressively and in temporary stages may result from efficiency is of constructive benefit in itself. It results adversely only when industry fails to grasp the opportunity thus presented of increasing and diversifying production and building additional consuming power by the employment of the labor thus rendered available. There is another kind of unemployment that is an unmixed evil from the economic standpoint. It is that which results from a temporary curtailment of production."

The difference appears to be, in other words, that between doing a job more efficiently than usual and not doing it at all. In the first instance it means that industry will not in the long run do less work but create more jobs.

GYPSUM OFF FREE LIST

Instructions directing collectors of customs to begin assessment of duty upon imports of gypsum, crushed after being quarried, have been issued by the Bureau of Customs according to an announcement by the Commissioner of Customs, E. W. Camp. It has been the practice to admit gypsum free because of the claim that crushed gypsum was not comparable under the Tariff Act of 1922 to the material classified as ground gypsum. Mr. Camp, in a letter addressed to the collector of customs at New York and circularized to all collectors, explained that the classification should be under paragraph 205 of the Act rather than under the duty free sections.

COURAGEOUS CONTRACTORS ARE NOT DROWNED IN RED INK

"There is only one way to make money in the construction business. That way is sell construction service at a profit. The fact that there are contractors today who are making a profit proves that knowledge and self-restraint are not without their rewards," says the Mulletin of the National Association of Building Trades Employers. "It takes courage to resist the temptation to shade a nickel or a dime on the job that is slipping away. Nevertheless, there are contractors who have displayed that courage year in and year out. True, they may not be flooded with jobs, but on the other hand they are not drowned in red ink."

STATE IRRIGATION AND POWER DEVELOPMENT UNDER CONSIDERATION

Four definite proposals for harnessing California's tremendous water resources under the so-called Bailey "co-ordinated plan," transcending even the great Boulder Canyon Dam project in magnitude, are under consideration by the state legislative water investigating committee.

Full utilization of the state's surplus waters is contemplated under the gigantic \$200,000,000 project, with irrigation of thousands of acres of arid land, salt water control, flood control, and development of hydro-electric power as important units in the ambitious program.

To launch the big project, one unit of which embraces storage of Sacramento Valley flood waters by a great impounding dam either at Kennett or Iron Canyon and the probable construction of a salt water barrier at Carquinez Straits, the following proposals have been laid before the state committee:

1. That the state loan its credit to build the storage dams, distribute the water and develop and distribute the hydro-electric power generated.

2. Granting by the state of a franchise

to private corporations to build the necessary works, and generate and distribute the hydro-electric power, operation to be under the supervision of the State Railroad Commission and ownership to vest in the state government.

3. That the state and federal governments build and operate a main transmission power line down the Sacramento and San Joaquin Valleys, selling power to cities, counties, and irrigation districts.

4. Formation of local water and power districts to launch individual units of the project, the state government to extend its credit to such districts. This plan is generally conceded to be the one backed by the Irrigation Districts' Association.

The legislative water committee, headed by Assemblyman Bradford S. Crittenenden of Tracy, has practically completed its field survey work, according to Assemblyman Van Bernard, Butte City member, and it is expected will start shortly on drawing up the committee's recommendations. The report is expected to recommend one proposal.

MALHEUR NAT'L. FOREST TIMBER CONTRACT AWARDED TO HINES GROUP

The U. S. Forest Service has confirmed the report that it has accepted the bid of the Edward Hines Associated Lumber Interests of Chicago for lumbering 890,000,000 feet of mature commercial timber in the Malheur National Forest in Northwest Oregon. The Hines interests succeed Fred Herrick and Associates, whose bid was accepted in 1922, but has not been satisfactorily fulfilled.

The Hines bid was \$2.85 per thousand for the pine timber; \$1.10 per thousand for fir; and 60 cents per thousand for other species. In accordance with the Forest Service practice, the tract will be lumbered selectively, the productivity of the forest being maintained. The Government will receive \$2,194,500 for the pine alone. The timber may be all taken out within thirteen years, and twenty years is the limit. Other Government timber will be available when the present contract is completed. The extent of the Malheur Forest is such that lumbering operations will be perpetual at the rate of cutting permitted—growth off-

setting cutting. The total stand of Government timber is 7,000,000,000 feet, besides several hundred million feet of privately owned timber. The Hines interests have until August 1 to consummate the contract.

The Herrick Interests were also bidders but on account of failure to make a deposit, submit a financial statement, and also because of the stipulation of certain changes in the contract, their bid could not be considered.

It is reported that Mr. Herrick and his associates have spent more than \$1,500,000 in preliminary work during the period that their contract was effective. This money was spent principally on the construction of a standard railroad from Crane to Burns, Oregon, thence northward to Seneca, and the erection of a sawmill near Burns. The mill building is practically complete, but the machinery has not been installed. What disposition will be made of the railway and mill building is not known, but it is known that they are not involved in the Hines contract.

Certified Building Construction Advocated In Chicago—Advantages Seen

Rating new buildings by the quality of their construction and equipment is being advocated by the Certified Building Registry, Chicago, as a means of securing good first-mortgage bonds and of obtaining well-built, safe and comfortable structures that will require minimum operating cost for heating, maintenance and repairs. Firms which lend money on buildings often find the construction below desirable standards, while investors in first mortgage real estate bonds have no check on the quality of the buildings they have helped to finance. The registry code includes ratings for walls, roofs, chimneys, heating plants and other features, these ratings being comparisons with a given standard and based upon inspections made during the construction as well as on examination of the plans.

This system, which is said to have the approval of important real estate, investment and insurance interests, is claimed to have advantages in several ways: (1) it would enable contractors to borrow a

higher proportion of the cost on structures built and certified according to the registry code; (2) it would protect purchasers and provide them with durable buildings, economical in fuel and repairs; (3) it would protect investment interests; (4) rated or certified buildings would command higher values for loans and sales; (5) firms supplying building materials and equipment would benefit by the elimination of skimmed construction. The first rating of buildings on this system was done at Flint, Mich., about two years ago, when a large number of small homes were being built to accommodate the rapidly increasing industrial population. At present the registry system is being applied to the smaller class of residences and apartment buildings, but it is proposed to extend it eventually to more important structures such as hotels, offices and large apartment buildings. Clyde A. Mann is director of the Certified Building Registry, 11 South La Salle St., Chicago.

HERE — THERE — EVERYWHERE

Preparations are being made by Santa Barbara Builders' Exchange for the annual meeting of the California State Builders' Exchange to be held that city in August. The exact date the meeting has not been set. H. Sweeney has been named general chairman of the committee in charge of arrangements.

Granite cutters on strike in Toronto have returned to work under the terms of a new agreement, which has just been signed. The contract which terminated the walk-out runs for two years.

"The contractor of today has got to name his price and if he cannot meet competition, he better pass out of picture," said W. A. Betchel, of San Francisco, president of the Associated General Contractors of America, in addressing the Portland, Ore., chapter of that organization.

Steel house building, started in Germany in 1926, is rapidly progressing. C. firm, a subsidiary of the United States Works, is reported to be unable to accept all orders in spite of the fact that production has been increased 600 per cent within the year.

Employees of the United States Steel Corporation subscribed for only 95,000 shares of the 100,000 shares of common stock offered to them at \$145 a share. Subscriptions were received from 50,000 employees. When the offering was made in 1927 at \$122 a share, 62,145 employees took 132,846 shares, while in 1926 when the price was \$136 a share, 74,351 shares were subscribed for.

Unless the heavy foreign buying of copper soon tapers off, it is felt that prices will be advanced again, says Engineering and Mining Journal. Most sellers are opposed to an additional price advance, but the situation appears to be one over which they have little control. Exceptionally active buying of copper for export was largely responsible for maintaining prices on a firm basis.

Frank K. Runyan, secretary of the Retail Furniture Association of California, was the principal speaker at a luncheon of the Gas Appliance Society in the Hotel, San Francisco, June 14. Roy Ohmhus, president of the San Francisco union of the society, presided.

An electrical shop will be installed in the vocational department of the San Joaquin high school for the school year 1928-29, it is announced by the Board of Education of that city. Electrical training will be made available to high school students as the result of a request by the San Joaquin Electrical Union, No. 332.

Plumbing contractors of Twin Falls, Idaho, want the city to appoint a board of examiners for plumbers similar to that in force covering electricians.

T. P. Kaiser announces his withdrawal from the partnership of Prentice Kaiser, cement contractor, with office in the Builders' Exchange, Oakland.

San Francisco Board of Supervisors has approved assessment district for Islais Creek reclamation project, involving an expenditure of \$1,600,000. The project will reclaim 288 acres of industrial land to the city's area and will require from two to three years to complete.

3,500,000 FEDERAL MONEY IS AVAILABLE FOR CALIFORNIA STATE AND NATIONAL FOREST ROADS

Assurance of continued Federal assistance in the construction of roads throughout the United States has been secured through recent action of Congress in authorizing the Secretary of Agriculture to allocate more than \$82,000,000 for improving roads on the Federal Aid System, and within the National Forests. The authorization is for the fiscal year 1929, and is composed of \$75,000,000 Federal Aid, and \$7,500,000 for National Forest Roads and Trails. Similar amounts were also approved to be later authorized for fiscal years 1930 and 1931.

California's share of the \$82,000,000 authorized for the fiscal year 1929, will approximate \$3,500,000, of which \$1,112,115 is apportioned for improving National Forest roads, and the remainder, about

\$2,500,000, is apportioned to the State for expenditure on the Federal Aid System. Of the forest road money, \$671,088 will be expended on major roads within or serving the national forests and of primary importance to the state, counties or communities. The remaining forest road money, \$441,067, will be expended on minor roads and trails of primary importance for protection and administration of forest resources. In addition, 10% or approximately \$115,000, of the receipts from the national forests of California will be apportioned for improvement of forest roads and trails.

Some of the more important projects expected to be placed under construction with National Forest road money during the season of 1928 are:

Project	Forest Highways Projects	County	Federal Cooperation
Paynes Creek-Susanville.			
12-mile section from Morgan Springs westerly through Deer Creek Meadows.		Tehama	\$150,000 \$122,000
Blairstown-Quincy.			
3.4-mile section between Cromberg and Blairstown.		Plumas	50,000 75,000
Truckee-Meyers.			
Continuation of work formerly approved at Placerville-Lake Tahoe.		Placer	80,000
4.0-mile section between Strawberry and Phillips.		Eldorado	75,000 75,000
Vawona-Auberry.			
Improvement of 16-mile section between Fish Camp and Oakhurst.		Mariposa-	
San Marcos.		Madera	50,000
Surfacing 11.85-mile section now under construction.		Santa Barbara	50,000 50,000
ft. Lassen.			
6-mile section between Park Boundary and Morgan Summit.		Tehama	75,000 25,000
Pyramidwild.			
3.0-mile section between Strawberry Creek and North Fork San Jacinto river		Riverside	50,000 40,000
	Forest Development Projects		
It. Wilson-Pine Flat.—10 miles.		Los Angeles	25,000 25,000
ugar Loaf.—10 miles.		Kern-Tulare	32,000
ak Knoll-Dry Lake.—5 miles.		Siskiyou	16,000
ameusa.—13 miles.		Santa Barbara	25,000
each Ranch-Wildwood.—3½ miles.		Trinity	15,000

CONTRACTORS' LICENSE LAW IN SOUTH CAROLINA AS SUMMARIZED

The following is a resume of the new contractors' license tax of South Carolina:

Every person, firm or corporation who enters into a contract for a fixed price, commission, fee or wage, or who bids to construct or to superintend the construction, within the State of South Carolina of any building, etc., excavation, etc., or other reimprovements of structures, or any part thereof, the cost of which exceeds the sum of \$10,000, shall pay an annual license tax of \$100, which tax shall be due and payable on the 1st of each year, or prior to offering to submit any bid for any of the above-mentioned projects.

In addition said person "shall before entering into a contract pay a license tax on each contract, as follows:

Contract cost or estimated cost more than	But not more than	Shall pay a tax of
10,000	\$ 50,000	\$ 100
50,000	100,000	200
100,000	250,000	300
250,000	500,000	500
500,000	750,000	750
750,000	up	1,000

These licenses shall apply to each individual contract and shall remain in force until such contract is completed."

Application for license shall be made to the South Carolina Tax Commission,

accompanied by affidavit of applicant, stating contract or estimated price, of all or part of work.

Application shall be accompanied by affidavit from architect or engineer as to his estimate of cost of work.

In the event two or more contracts are let to the same person on one project, the several contracts shall be considered as one for the purpose of this act.

* * *Penalty for failure to secure license to submit bids as provided shall be, upon conviction, a fine of not less than \$20—or more than \$100—or imprisonment for not less than 10 or more than 30 days.

Penalty for failure to secure additional license, same as above, and for each day that such business is conducted without a license shall constitute a separate offense.

Architects and engineers shall report to Tax Commission all projects, name of owner, estimated cost and names of parties submitting bids in excess of \$10,000.

Building inspectors and/or officials issuing permits shall report permits issued for work coming under this law.

Penalties, same as paragraph marked (*) above.

The provisions of this section shall be retroactive and effective on and after July 1, 1927, etc.

EMPLOYMENT SERVICE ENGINEERING SOCIETIES

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1709-S DRAFTSMAN, first class topographic and map draftsman with sufficient technical training to make all calculations from field notes. Salary \$200-\$225 month. Location, San Francisco.

R-1714-S FIELD DRAFTSMAN, experienced on highway or R.R. location work to plot notes and make field maps. Must have several years' experience and be good computer. Salary \$175 and board. Apply by letter with references. Location, Northern California.

R-1565-S ESTIMATOR, for automatic sprinkler work. Must be experienced and thoroughly familiar with all factors making up the job. Salary about \$250. Location, San Francisco.

R-1707-S STRUCTURAL DESIGNER, for reinforced concrete structures in connection with hydro-electric power projects. Experience of similar nature required. Must be citizen and preferably under 40. Salary \$250 a month. Temporary. Location, San Francisco.

K-66-X - 4918 - C - S WOODWORKING

ENGINEER, graduate with several years' experience in manufacture of furniture thoroughly familiar with designing plant layouts and woodworking machinery. Should have general knowledge of manufacturing costs. Apply by letter, giving age, and details of education and experience. Location, Middlewest.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

David S. Garcia, of Oakland. WATER HEATER. This is for use in laundries and other industrial plants where large quantities of hot water are wanted continuously and instantaneously. When the water reaches a predetermined temperature it is automatically cut off.

Arthur J. Kercher, of Berkeley. TEM-

PERATURE-CONTROL SYSTEM. A controlling device which automatically opens and closes the circuit to the heating element. It keeps the temperature of the medium to be heated constant by minimizing sudden temperature fluctuations.

William H. Tangeman, of Ontario. INTERNAL COMBUSTION ENGINE. This provides an automatic thermostatic regulating device for thermal pumps, automatically controlling the thermal condition of the pumps, regardless of the amount of heat applied to the device. Patent assigned to James V. Baldwin and Harry G. Moore.

Arthur J. Kercher, of Berkeley. ELECTRICAL WATER HEATER. An inexpensive, highly efficient and durable device. The heating elements, mounted on a single header, are readily applied to a shell through which the fluid to be heated circulates.

The California Sewage Works Association, recently formed at a meeting in San Francisco attended by those interested in the problem of sewage disposal, will hold its next meeting in San Bernardino, October 8th, according to Dr. Walter M. Dickle, director of the state department of public health.

Building News Section

APARTMENTS

Ready To Take Sub-Bids This Week.
APARTMENTS Cost, \$200,000
SAN FRANCISCO. N Pacific Ave. E Webster St.
 Seven-story class A apartment building. Owner and Builder—Jesse D. Hannah, 825 Sansome St.
 Architect—Edward E. Young, 2002 California St., San Francisco.

To Award Segregated Contracts in a Few Days
APARTMENTS Cost, \$60,000
SAN FRANCISCO. E Central Ave., 100 N Page St.
 Three-story and basement frame apartment bldg. (24 2 and 3-room apts.) Owner—R. J. Mullin, 228 17th Ave.
 Architect—David C. Coleman, 110 Sutter.

SEATTLE, Wash.—John S. Hudson, American Bank Bldg., will have plans prepared for a twenty-five story fireproof apartment building at the southeast double corner of Terry avenue and Seneca street; estimated cost \$1,000,000. Proposal to rezone the district to permit erection of the structure is now being considered by the City Council.

Contract Awarded.
APARTMENTS Cost, \$150,000
WILLOWS, Glenn Co., Cal.
 Three-story reinforced concrete store, office and apartment building.
 Owner—W. M. Kirkpatrick, Willows.
 Architect—Coffman, Sahlberg & Stafford, Plaza Bldg., Sacramento.
 Contractor—Barton & Handlin, 619 J St., Sacramento.

Contract Awarded
APARTMENTS Cost, \$32,500
ALAMEDA, Alameda Co., Cal. 743 Santa Clara Ave.
 Three-story 33-room frame and stucco apartment house.
 Owner—Annie K. Theobald, 1226 Sherman St., Alameda.
 Architect—Gerald W. McPherson, 319 14th St., Oakland.
 Contractor—Stephen J. Williams, 3616 Richmond Blvd., Oakland.

Contract Awarded
APARTMENTS Cost, \$35,000
ALAMEDA, Alameda Co., Cal. 757 Santa Clara Ave.
 Three-story frame and stucco apartment house.
 Owner—F. Frank Jones, 310 Henshaw Bldg., Oakland.
 Architect—Gerald W. McPherson, 319 14th St., Oakland.
 Contractor—Stephen J. Williams, 3616 Richmond Blvd., Oakland.

LOS ANGELES, Cal.—Architect John M. Cooper, 322 Rives-Strong Bldg., has completed working plans and has the contract for the erection of a 7-story class A apartment bldg. on Valencia St. near 9th St. Cost, \$175,000.

LOS ANGELES, Cal.—Architect Raphael Nicolais, 686½ S Vermont Ave., has prepared sketch plans for a 6-story and basement apartment bldg. to be erected at NW cor. of 8th St. and Plymouth for Joseph A. Rosenkranz and associates. It will contain 12 three-room, 12 four-room, and 12 five-room apartments, garage, 125 x 114 ft., Italian type, reinforced concrete construction, plaster exterior, tile and composition roofing. Cost, \$190,000. The project will probably mature this fall.

Plans Being Prepared.
ALTERATIONS Cost, \$—
SAN FRANCISCO. Fulton St. near Fillmore St.
 Alter three-story frame flat building into apartments.
 Owner—Withheld.
 Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Preliminary Plans Being Prepared
APARTMENTS Cost, \$240,000
SAN FRANCISCO. Nob Hill.
 Ten-story steel frame and concrete apartment house.
 Architect—Clay N. Burrell, American Bank Bldg., Oakland.

June 18, 1928
 Construction Started
APARTMENTS Cost, \$80,000
ALAMEDA, Alameda Co., Cal. 2521 Central Ave.
 Three-story frame and stucco apartment house (81 rooms).
 Owner—R. J. Bianco, 218 Howden Bldg., Oakland.
 Architect—J. F. Keenan, Jr., Oakland.

Completing Plans
APARTMENTS Cost, \$350,000
SAN FRANCISCO. Geary and Jones Sts.
 Thirteen-story class A apartment bldg., 150 rooms and baths; all modern conveniences.
 Owner and Builder—Marian Realty Co., 110 Sutter St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.

LOS ANGELES, Cal.—Michael A. Weller, 406 Security Bldg., will build a 4-story apartment building at the n e cor. of 5th St. and Wilton for the Chateau Laurier Holding Corp.; plans by L. A. Bryant, 700 S La Brea Ave.; 17 apartments, 50x132 feet, reinforced concrete construction, hardwood and pine floors and trim, steam heating system, wrought iron, tile baths and drainboards, electric refrigeration, wall beds, elevator, fire escapes, incinerator; \$150,000.

Taking Sub-Bids
APARTMENTS Cost, \$110,000
SAN FRANCISCO. W Van Ness Ave., 55 S Chestnut St.
 Six-story and basement reinforced concrete (30) apartments.
 Owner—McKillop Bros., 45 Kearny St.
 Architect—None.
 Contractor—Mission Concrete Co., 125 Kissling St., or 270 Turk St.

Taking Segregated Bids
APARTMENTS Cost, \$70,000
OAKLAND, Alameda Co., Cal. Montclair Ave., 111x108 feet.
 Three-story frame and stucco apartment building (72 rooms of 2 and 3-room apts.)
 Owner—Withheld.
 Architect—Willis Lowe, 354 Hobart St., Oakland.

Plans Being Prepared
APARTMENTS Cost, \$75,000
STOCKTON, San Joaquin Co., Cal.
 Three-story brick apartment bldg., rooms, 2, 3 and 4-room apts.)
 Owner—L. Lewkovitz, Stockton.
 Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Plans Being Figured
APARTMENTS Cost, \$134,000
BERKELEY, Alameda Co., Cal. Dwight Way near College Ave.
 Four-story and basement brick apartment bldg., (80 rooms, library, music room, etc., 2 and 3-room apts.)
 Owner—Mr. and Mrs. Wm. Herrold.
 Architect—W. H. Weeks, Hunter-Duval Bldg., San Francisco; 1736 Frank St., Oakland, and Bank of Italy Bldg., San Jose.
 Bids will be taken for a general contract.

Plans Being Figured
APARTMENTS Cost, \$25,000
SAN FRANCISCO. S Washington St. & 6 W Taylor St.
 Three-story and basement frame and stucco apartment bldg., (six 3-room and six 2-room apts.)
 Owner—Barnsley Realty Co.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Steam heating system, steel sash, electric refrigeration, etc. Bids are being taken for a general contract.

Owner Taking Sub-Figures
APARTMENTS Cost, \$80,000
OAKLAND, Alameda Co., Cal. NW 17th and High Sts.
 Three-story frame and stucco apartment (69 rooms).
 Owner—J. F. Patterson, 1715 High St., Oakland.
 Architect—None.
 Plumbing—General Plumbing Co., 4323 14th St., Oakland.
 Heating—Atlas Heating & Ventilating Co., 32nd and Louise Sts., Oakland.

LOS ANGELES, Cal.—Wesco Construction Co., 2612 W Temple St., has been awarded the contract and Architect Land Bryant, 700 S La Brea Ave., is completing working plans for the erection of a 13-story and basement class A apartment building, at 1811 Whiteley Ave., for Dr. S. M. Wells; the building will contain 50 apartments of 2, 3, 4, and 5-room each, service rooms, lobby, offices and there will be a large garage in the basement; steel frame construction, reinforced concrete walls, floors and roof, concrete exterior, tile and composition roofing. Cost, \$350,000.

LOS ANGELES, Cal. Schilling and Schilling, Farmers & Merchants Bank Bldg., Long Beach, are taking new bids for erecting a 5-story and basement class A store and apartment building to be erected at the southeast corner of Broadway and Linden Ave., Long Beach, for the Broadway Land Co., a syndicate composed of Edgar Davis, C. J. Curtin, C. C. Lewis, E. J. Wightman and Chas. Malcom; the building will contain eight stores and 30 apartments, 100x121 feet reinforced concrete construction.

LOS ANGELES, Cal.—Architect John M. Cooper, 322 Rives-Strong Bldg., has completed working plans and will start work at once for the erection of a 10-story class B apartment building, on Columbia St. between 6th St. and Crown Hill. The building will contain 11 double apartments and 37 single apartments; reinforced concrete frame. Mr. Cooper has also completed working plans and will start work at once for another building identical to the above on Wilmer St. between 6th St. and Crown Hill. The buildings are for the same owner and his name will be announced later.

Orders-Inquiries

60 pages

Send for FREE Copy



Can be Secured by MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.
 Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE Copy

R. L. POLK & CO., Detroit, Mich.
 Largest City Directory Publishers in the World
 Mailing List Compilers—Business Statistics
 Producers of Direct Mail Advertising

BONDS

MOUNTAIN VIEW, Santa Clara Co., Cal.—Mountain View Grammar School District votes bonds of \$14,000 to finance additions and alterations and improvements of grounds at Hignway Grammar School.

TOMALES, Marin Co., Cal.—Election will be held July 10 in Tomales School District to vote bonds of \$10,000 to finance school improvements. Trustees of district are: T. E. Cornett, Wm. E. Parks and Mathew B. Clark.

RIO VISTA, Solano Co., Cal.—Election will be held July 10 in Rio Vista Joint School District, to vote bonds of \$19,000 to finance school improvements. Trustees of district are: C. W. Brown, L. T. Isham and H. J. Durr, (clerk).

BAKERSFIELD, Kern Co., Cal.—Election will be held July 7 in Bowerbank School District to vote bonds of \$33,000 to finance erection of new school. Trustees of district are: Peter Vitelle, Frank Rice and P. D. Van Neman.

SANTA CRUZ, Santa Cruz Co., Cal.—City defeats proposal to issue bonds of \$265,000 to finance erection of new schools and additions to standing structures. 1764 in favor and 1652 against the issue, two-thirds majority lacking 520 votes.

SAN CARLOS, San Mateo Co., Cal.—San Carlos School District votes bonds of \$40,000 to finance erection of new school; 106 in favor of issue and 15 against.

SHAFTER, Kern Co., Cal.—Richland School District votes bonds of \$25,000 to finance erection of school addition comprising two classrooms and auditorium seating 600 persons.

MERCED, Merced Co., Cal.—Election will be held July 6 in Winton School District to vote bonds of \$8,000 to finance erection of new school. Trustees of district are: H. M. Stutzman, A. E. Hepner and W. C. Abbott.

SACRAMENTO, Cal. — City defeats proposal to issue bonds of \$1,530,000 to finance junior high and high school improvements. In favor 3194 votes were cast and 1855 against, two-thirds majority being required to carry the issue. It is possible that another election will be called. Chas. C. Hughes is city supt. of schools.

ALHAMBRA, Los Angeles Co., Cal.—The proposed \$1,675,000 bond issue for the erection of new senior and junior high school buildings in Alhambra high school district, failed to carry at the special election June 15th. Austin & Ashley, L. A., had been selected as architects.

CHURCHES

HOLLYWOOD, Los Angeles Co., Cal.—Architect Harold H. Martin, Slavin Bldg., Pasadena, Frohman, Robb & Little, associated, Boston and Washington, consulting architects, have been commissioned to prepare plans for a new church to be erected at Hollywood Blvd. and Gardner St. for St. Thomas' Episcopal Church; Dr. A. H. Wurtele, pastor. Preliminary plans are being prepared for a church to seat 500 people and a large tower. The total cost is estimated at \$300,000. The church will be erected first. It will be Gothic style, reinforced concrete construction with stucco exterior and tile roof. It will cost \$110,000.

Completing Plans
ALTERATIONS Cost, \$25,000
STOCKTON, San Joaquin Co., Calif.
Miner and San Joaquin Sts.
Remodeling of church building (43 rooms
2 banquet halls, etc.)
Owner—Central Methodist Church.
Architect—Davis-Pearce Co., 47 N Grant
St., Stockton, and Mayo & Bissell,
421 E Miner St., Stockton, associated.
There will be parlors for the church
ladies, high school groups and college
groups with kitchenettes for each. A
new Sunday school will be provided and
a church cathedral. Bids will be called
for in about two weeks.

SEATTLE, Wash.—Architect Henry Bittman, Securities Bldg., Seattle, completing plans for 6 story and basement, 60 by 108-ft., fireproof garage to be erected at 1915 Third Ave. for Wm. E. Grimshaw. Est. cost, \$150,000. Two large, high speed freight elevators will be used in place of ramps; steel rolling doors.

Low Bidder
CHURCH Cost, approx. \$60,000
MT. VIEW, Santa Clara Co., Cal.
One-story reinforced concrete church
bldg., (seating capacity 600), Spanish
style, tile roof. (St. Joseph Church).
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg.,
San Francisco.
Low Bidder—Stenphenson Construction Co.
Hearst Bldg., San Francisco, (amount
withheld for present).
Contract will probably be awarded early
in July.

Plans Being Figured—Bids Close June 29,
1928, 10 A. M.
CHURCH BLDG. Cost, \$12,000
ALAMEDA, Alameda Co., Cal. SW High
and Van Buren Sts.
One-story frame and stucco church bldg.
Owner—Roman Catholic Archbishop.
Architect—C. H. Jensen, Santa Fe Bldg.,
San Francisco.
Bids are being taken for a general contract.

Sub-Contracts Awarded
CHURCH Cont. Price, \$89,500
OAKLAND, Alameda Co., Cal. Twenty-
ninth and Fairmount Aves.
One and two-story reinforced concrete
church building.
Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin
Bldg., San Francisco; 1736 Franklin
St., Oakland; and Bank of Italy Bldg.,
San Jose.
Contractor—J. A. Bryant, 185 Stevenson
St., San Francisco.
Metal Sash—U. S. Metal Products Co.,
San Francisco.
Joist and Mesh—Soule Steel Co., Rialto
Bldg., San Francisco.
Weather Strips—Chamberlin Metal
Weather Strip Co., 247 Minna St., San
Francisco.
Toilet Partitions—Price-Teltz Co., 683
Howard St., San Francisco.
Other sub-contracts reported June 1,
1928.

RIO OSO, Sutter Co., Cal.—Fairview
Church will raise \$1,000 to finance
erection of a Sunday School addition on the
north side of the present church. Rev.
C. W. Jopson is pastor.

Bids Opened.
CHURCH Cost, \$27,000
STOCKTON, San Joaquin Co., Cal. Miner
and Sierra Nevada Streets.
Two-story brick church (Sunday school
and social rooms).
Owner—East Side Presbyterian Church.
Architect—David-Pearce Co., 47 N-Grant
St., Stockton.
W. J. Scott, 36 N-Sutter St., Stock-
ton \$33,700
J. J. Cavanagh, Stockton 36,166
H. E. Vickroy, Stockton 36,666
John Hanckman 36,683
J. F. Hoirl 36,900

Completing Plans
CHURCH Cost, \$25,000
SAN FRANCISCO. Ulloa St. and Fun-
ston Ave.
One-story frame and stucco community
church.
Owner—Forthurst Presbyterian Church.
Architect—Blaine & Olson, 1755 Broad-
way, Oakland.
Bids will be taken from Thos. A. Cuth-
bertson, 430 Noriega St., San Francisco,
and one other contractor whose name is
withheld.

SEATTLE, Wash.—Architect C. Frank
Mason, Lyon Bldg., preparing plans for
church to be erected at 18th Ave. and
Aloha St. for St. Joseph's Parish, Rev.
W. J. Deeney, S. J., pastor. Will be 220
by 80 feet. Gothic type, concrete and
steel construction with slate roof and
stone exterior. Est. cost \$250,000.

EAGLE ROCK, Los Angeles Co., Cal.—
Architect W. P. Major, 2051 Addison Way
has completed preliminary plans for a
large class A church building, to be
erected on Merton Ave. near Maywood
St., Eagle Rock, for the Roman Catholic
Bishop of Los Angeles and San Diego,
St. Dominick's parish, Rev. J. A. Hunt,
pastor; the church will have a seating
capacity of 600 people and will be con-
structed of reinforced concrete. Cost,
\$100,000. Working plans will be started
at once.

FACTORIES & WAREHOUSES

OAKLAND, Cal.—Plant of Sulmox
Furniture Co., 1501 37th Ave., destroyed
by fire June 15. Loss estimated at \$50,-
000.

MARTINEZ, Contra Costa Co., Cal.—
O. K. Smith, local engineer, associated
with T. B. Swift, superintendent of the
Mountain Copper Co., has purchased site
in Las Juntas St., bordering on the S. P.
right-of-way and will erect a large steel
and frame storage warehouse; site is 80
by 125 feet.

WASCO, Kern Co., Cal.—Wasco Cream-
ery and Construction Co., Wasco, has
purchased property served by the Santa
Fe Railroad on which the company will
erect a feed and grain mill.

NAPA, Napa Co., Cal.—Union Ice Co.,
354 Pine St., San Francisco, has pur-
chased property at Seventh St. and
Soscol Ave., 63 by 92 feet, and are erect-
ing a pre-cooling and storage plant to
cost approximately \$15,000 as part of a
\$300,000 construction program planned in
Napa.

SAN FRANCISCO—Board of Public
Works, on recommendation of City En-
gineer M. M. O'Shaughnessy, has recom-
mended to the Board of Supervisors an
appropriation for \$50,000 to finance con-
struction of addition to Seventeenth St.
Municipal car barns to house busses of
municipal railway system.

OAKLAND, Cal.—Anthony Fokker, air-
plane builder, is communicating with
Mayor John L. Davie regarding the es-
tablishment of a plant for the manu-
facture of airplanes. It has been defi-
nitely decided to locate such a plant on
the Pacific Coast by the Fokker interests
and Oakland is among the cities con-
sidered as a site.

'Gold Medal' Safety Scaffolding

for use on steel and concrete frame buildings saves lives,
time and money.

It pays to use the best Scaffolding Equipment
whenever a Scaffold is required. The risk is
always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henlock 4278
Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

Plans Being Figured
PACKING PLANTS Cost, \$15,000
SALINAS, Monterey Co., Cal.
 Three 1-story corrugated iron packing plants on concrete foundations.
 Owner—Monterey County Ice and Development Co., (A. E. Pellett, Mgr.)
 Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville, Cal.

NAPA, Napa Co., Cal.—Union Ice Co. granted permits by city council to erect fruit packing sheds and egg storage rooms in East Napa section, the first named to cost \$4,000, and the latter \$7,000.

COURTLAND, Sacramento Co., Cal.—Packing plant of E. H. Myers on Grand Island destroyed by fire June 12 with loss of \$20,000.

PORTLAND, Ore.—Engineering Dept. of Union Pacific Co., and Kerr, Gifford & Co., Portland, preparing plans to reconstruct old Portland Flouring Mill adjoining Swan Island for a grain terminal. Will have capacity of 500,000 bushels of bulk grain and 600,000 bushels in sacks, or total capacity of 1,100,000 bushels. The cost of construction is estimated at \$750,000.

Taking Figures
PLANT Cost, \$40,000
OAKLAND, Alameda Co., Cal. E 29th Ave. and S. P. right-of-way.
 Two-story reinforced concrete plant.
 Owner—California Packing Corp. 101 California St., San Francisco.
 Engineer—Phillip Bush, 101 California St., San Francisco.

Plans Being Figured
CLEANING PLANT Cost, \$18,000
SAN RAFAEL, Marin Co., Cal. Fourth St. near H St.
 One-story reinforced concrete dyeing and cleaning plant and 5-room flat above.
 Owner—Jules Risso.
 Architect—S. Heiman, 57 Post St., San Francisco.
 Bids are being taken for a general contract.

Contract Awarded
WAREHOUSE Cost, \$23,000
OAKLAND, Alameda Co., Cal. 1st St. 40 W Market.
 One-story brick warehouse.
 Owner—Howard Co., 1st and Market Sts., Oakland.
 Architect—Nore.
 Contractor—Jas. T. Walsh, 608 Woodland Ave., San Leandro.

Plans Being Figured
PUBLISHING PLANT Cost, \$15,000
SALINAS, Monterey Co., Cal. Monterey Street.
 Two-story reinforced concrete publishing plant.
 Owner—Salinas Index Publishing Co.
 Architect—A. W. Story, Watsonville, Cal.
 Bids are being taken for a general contract.

SEATTLE, Wash.—Engineering Department of Port of Seattle Commission has completed preliminary plans for 1,000,000-bushel capacity grain elevator; est. cost \$900,000. Plans provide for future enlargement to permit berths and simultaneous loading of 4 to 5 ships and for quadrupling the capacity of the storage elevator. They would also permit the location of new facilities for flouring mills.

LINDSAY, Tulare Co., Cal.—Construction will be started at once by Peppers Fruit Co. on frame warehouse, 95x160 ft., with full concrete basement; estimated cost \$60,000. W. D. Rhind, of Fresno is district representative for the owners.

REEDLEY, Fresno Co., Cal.—Packing plant of Peppers Fruit Co., recently destroyed by fire, will be rebuilt at a cost of \$3500, according to W. D. Rhind, district representative for the company at Fresno.

Planned
PLANT & SHOP Cost, \$600,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Adj. company's steel plant.
 Three-story steel frame and concrete bolt and nut plant, 450 ft. long, 100 ft. wide, and a machine shop bldg., 1508x 80 ft.
 Owner—Pacific Coast Steel Co., Hunter-Dulin Bldg., San Francisco.
 Architect—Eng. Dept. of Owner.

Contractor Taking Sub-Figures — Contracts Awarded
WAREHOUSE Cost, \$29 00
OAKLAND, Alameda Co., Cal. 1st and Market Sts.
 One-story brick and steel warehouse.
 Owner—Howard Co., 1st and Market Sts., Oakland.

Architect—Reed & Corlett, 1206 Broadway, Oakland.

Contractor—Jas. T. Walsh, 608 Woodland San Leandro.

Brick Work—White & Gloor, Monadnock Bldg., San Francisco.

Sheet Metal Work—Fiuren & Arneson, 2919 Union St., Oakland.

Roofing—Western Roofing Co.
Lumber—Sunset Lumber Co.

TRACY, San Joaquin Co., Cal.—Holly Sugar Corp., plans to expend \$40,000 in addition and installation of new equipment; a wing addition to the present plant will cost \$25,000. Approx. \$15,000 will be spent in remodeling the present structure. W. J. Resch is plant superintendent.

GOVERNMENT WORK AND SUPPLIES

PEARL HARBOR, T. H.—E. K. Sugihara, 656 N School St., Honolulu, T. H., at \$13,450, under Specification No. 5609, awarded contract by Bureau of Yards and Docks, Navy Department, to paint buildings at Pearl Harbor.



Ernest Hopkins, Editor,
 "The Californian,"
 The Examiner.
 Dear Ernest:

SANDY PRATT reads your stuff.

IN THE Examiner each day.

AND YOU write.

ABOUT SACRAMENTO Valley.

AND THE natives.

OF THIS great valley.

YOU TELL about the "peaches."

OF SUTTER County.

AND THE Loomis "plums."

AND ALL the bachelors.

OF MARYSVILLE.

BUT ERNEST.

YOU TELL nothing.

ABOUT THE sand plants.

AND THE rock plants.

OF CLARENCE (Sandy) Pratt, President.

OF THE Pratt Building Material Co.

WITH PRODUCING plants at.

SACRAMENTO, MARYSVILLE.

PRATTROCK (NEAR Folsom).

PRATTCO (MONTEREY County).

AND MAYHEW (Sacramento County).

CENTRAL OFFICE—San Francisco.

AND ERNEST.

YOU DO not even mention.

OUR FAMOUS sign at Prattrock.

IT HAS done more.

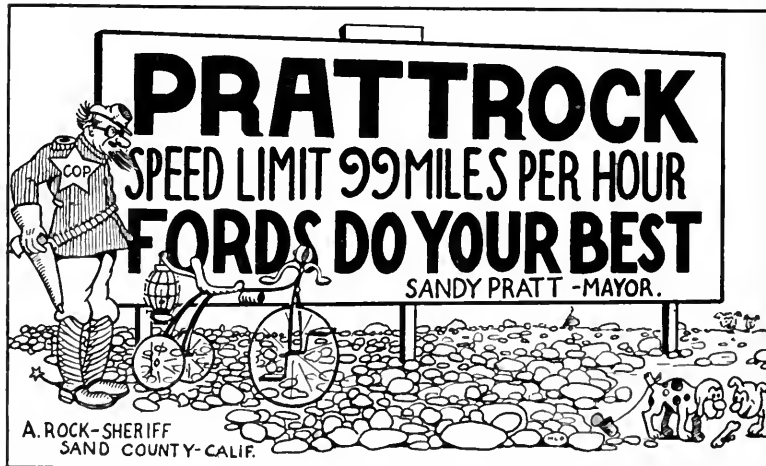
TO ADVERTISE us.

THAN ANYTHING else.

THE PICTURE of which.

IS JUST below this story.

"I THANK you."



This and similar signs greet the motorist that tours California. Sandy Pratt, President of the Pratt Building Material Co. and the Pratt Rock & Gravel Co., has erected these "Guide Posts" at his sand, rock and gravel plants at Sacramento, Prattrock (near Folsom), Marysville and Prattco (2 miles from Hotel Del Monte, Monterey County); all in California. NOTE:—A windshield sticker of this California highway scene can be had free by writing to Sandy at any of the above offices or at Sandy's central office, 518 Hearst Building, San Francisco—Douglas 300—"Easy to remember."

TUCSON, Ariz.—Until July 17, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., for additional buildings and utilities, including roads, walks and drainage at Veterans' Hospital at Tucson. This work will include excavating, reinforced concrete construction, hollow tile, gypsum blocks, brickwork, cast stone marble work, floor and wall tile, iron work, steel sash, steel stairs with slate treads, tile, metal and built-up roofing, roof ventilators, metal lathing, plastering, carpentry, insect screens, awnings, painting, glazing, hardware, plumbing, heating and electrical work. Plans obtainable from Construction Division, U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., on deposit of \$50; checks to be made payable to Treasurer of the United States. See call for bids under official proposal section in this issue.

BENICIA, Solano Co., Cal.—Following bids rec. June 13 by Constructing Quartermaster, Fort Mason, San Francisco, for roof repairs to Artillery Storehouse No. 71, Benicia Arsenal:

Eastman and Moffat.....	\$1,250
A. C. McHarry.....	1,648
Conrad B. Sovig.....	1,685
American Roofing Co.....	1,798
Hubert Roofing Co.....	1,971
Alta Roofing Co.....	1,998
Robt. F. Smith.....	2,049
Mastercraft Tile & Roofing Co.....	2,430
Weeks Roofing Co.....	2,430
Albert Dean Roofing Co.....	3,200

RENO, Nevada—Supervising Architect, Treasury Department, Washington, D. C., preparing plans for post office and federal office building to be erected at Reno, Nevada. An initial appropriation of \$50,000 will be available for the work on July 1, while the balance, \$450,000 will be available at a later date.

VALE, Ore.—Derbon Const. Co., Alaska Bldg., Seattle, Wash., submitted low bid to U. S. Bureau of Reclamation at \$443,421, for diversion dam, earthwork, tunnels, canal lining and structures for Vale Canal, Vale Project, Oregon.

DENVER, Colo.—Until June 29, 3 P. M., bids will be rec. by Chief Engineer, U. S. Bureau of Reclamation, Denver, to fur. and del. one 64 by 14.5 ft. drum gate with its pier plates and anchor bolts, two 4.8 by 6 ft. cast iron sluice gates, and trashrack structural steel for Easton diversion dam, Kittitas division, Yakima project, Washington. Further details obtainable from Bureau of Reclamation, Washington, D. C., or Denver.

BENICIA, Solano Co., Cal.—Heafey-Moore Co., 344 High St., Oakland, at \$5,700 sub. low bid to Constructing Quartermaster, Fort Mason, for oiled macadam floors in Artillery Storehouse No. 71 at Benicia Arsenal. Other bids, taken under advisement, were: W. J. Taylor, \$6,349; O. G. Ritchie, \$7,800; Wm. F. McHugh, \$6,773.

WALLA WALLA, Wash.—Until June 28, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., to construct and install steel water tank and tower and deep well pump at U. S. Veterans' Hospital, Walla Walla. Plans obtainable from Medical Officer in charge at the above hospital or from Construction Division, U. S. Veterans' Bureau at Washington.

BENICIA, Solano Co., Cal.—Heafey-Moore Co., 344 High St., Oakland, submitted low bid to Constructing Quartermaster, Fort Mason, for road repairs at Benicia Arsenal, involv. Roads A to D, 15c sq. yd.; Roads E to F, 25c sq. yd.; patching, 90c. Hutchinson Co., Oakland, only other bidders at 36c, 72c; \$2, respectively. Taken under advisement.

MARE ISLAND, Calif.—Hot-N-Kold Corp., 949 Mission St., San Francisco, at \$4,570.66 (item 2), under Specification No. 5583, awarded contract by Bureau of Yards and Docks, Navy Department, to fur. and install automatic refrigerators at Mare Island Navy Yard hospital. (5397) 1st rep. April 6; 5th, May 19, 1928.

SAN FRANCISCO—Until June 27, 11 A. M., under Order No. 9830-1327, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano County, 22 coils of ship's or marine manila rope, each coil to contain 750 ft. or more of rope; 8 coils 4½-in., 8 coils 4-in. and 6 coils 3½-in., all 3-strand. Further information obtainable from above.

BURLEY, Idaho—Derbon Construction Co., Seattle, sub. low bid to U. S. Reclamation Bureau, at Burley, Idaho, for work in Schedule No. 1, canals and other work. Winston Bros., Minneapolis, were low on Schedule No. 2. The work involves 887,000 cu. yds. excavation, of which 160,000 cu. yds. will be rock.

MARCH FIELD, Riverside Co., Cal.—Until July 25, 10 A. M., bids will be rec. by Col. Wm. C. Gardenshire, constructing quartermaster, March Field, to install night flying lighting system at March Field. Plans obtainable from office of constructing quartermaster on deposit of \$5.

S. Property and Disbursing Officer for California, Room 1021 Forum Bldg., Sacramento, to construct rifle range, 2 warehouses and 4 bath houses at National Guard Training Camp, San Luis Obispo. Plans obtainable from above office. See call for bids under official proposal section in this issue.

TUCSON, Ariz.—Until July 10, 11 A. M., bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., to install radio receiving equipment in complete work order at Veterans' Hospital, Tucson. Plans obtainable from Construction Division of U. S. Veterans' Bureau at Washington or from Superintendent of Construction at the Hospital at Tucson.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 5478, for salt water pumping station at the naval operating base, air station, San Diego:

Item 1, work complete; 2, deduct from item 1 for the omission of the 3-pile dolphin; 3, deduct from item 1 for the substitution of 10-in. cast iron bell and spigot pipe in lieu of 10-in. cast iron flanged pipe under the pier approach; 4, deduct from item 1 for the substitution work as covered by alternate A.

Lange & Bergstrom, Inc., 627 Commonwealth Bldg., San Diego, item 1, \$18,183; 2, \$181; 3, \$178; 4, \$548.

M. H. Golden, 3612 Texas St., San Diego, Calif., item 1, \$17,396; 2, \$130; 3, \$190; 4, \$494.

Claude Bourbon, 272 Spreckels Bldg., San Diego, Calif., item 1, \$19,500; 2, \$300; 4, \$400.

Butte Const. Co., 530 Folsom St., San Francisco, item 1, \$19,746; 2, \$178; 3, \$675; 4, \$245.

Robert E. McKee, 1128 Central Bldg., Los Angeles, item 1, \$16,650; 2, deduct \$100; 3, deduct \$150; 4, deduct \$500.

Robert T. Dawson, 4332 Maryland St., San Diego, Calif., item 1, \$17,597.94; 2, \$231; 3, \$178; 4, \$654.

WASHINGTON, D. C.—Following bids received by Department of Commerce to establish electric and acetylene airway beacons and intermediate landing field equipment on the Battle Mountain-Salt Lake City section of the San Francisco-Salt Lake City airway:

Bid 1. B. & B. Const. Co., Columbus, Ohio, \$49,987.91; start 15 and complete 180 days.

2. Harrison-Wright Co., Charlotte, N. C.; complete 175 days.

3. Muhleman & Kayhoe, Richmond Va.; complete 135 days.

Item 1. 4 type A beacons with 51-ft. tower—Bid 1, \$393.33; 2, \$400; 3, \$440.

2. 4 type B do—Bid 1, \$901.67; 2, \$920; 3, \$1,150.

3. 6 type C do—Bid 1, \$3,012.77; 2, \$2,800; 2, \$4,295.

4. Type C do on 20-ft. tower—Bid 1, \$2,988; 2, \$2,450; 3, \$3,600.

5. 4 type D with 51-ft. tower—Bid 1, \$3,081.67; 2, \$2,400; 3, \$3,785.

6. 2 type E electric blinker on 20-ft. tower—Bid 1, \$240; 2, \$300; 3, \$290.

7. 1 acetylene blinker on 20-ft. tower—Bid 1, \$433.33; 2, \$325; 3, \$350.

8. 4 do 20-ft. tower—Bid 1, \$166.66; 2, \$300; 3, \$310.

9. 21 acetylene route beacons, 20-ft. tower—Bid 1, \$205.04; 2, \$275; 3, \$290.

10. Add for 62-ft. towers in connection with beacons—Bid 1, \$40; 2, \$25; 3, \$45.

11. Add for 13 75-ft. towers do—Bid 1, \$50; 2, \$50; 3, \$75.

12. Add for 87-ft. towers do—Bid 1, \$75; 2, \$100; 3, \$130.

13. Add for 4 acetylene route beacons with 51-ft. tower—Bid 1, \$150; 2, \$135; 3, \$35.

14. Do 62-ft. towers—Bid 1, \$170; 2, \$145; 3, \$85.

15. Do 75-ft. towers—Bid 1, \$180; 2, \$160; 3, \$115.

16. Do 87-ft. towers—Bid 1, \$200; 2, \$200; 3, \$175.

17. Parkway cable—Bid 1, 16c; 2, 18c; 3, 18c.

18. Do—Bid 1, 18c; 2, 40c; 3, 24c.

19. Boundary lights—Bid 1, \$12; 2, \$10; 3, \$14.

20. Obstruction lights—Bid 1, \$15; 2, \$10; 3, \$18.

21. 3-way junction boxes—Bid 1, \$5; 2, \$10; 2, \$8.

22. Weatherproof wire—Bid 1, 5c; 2, 6c; 3, 6c.

23. Do—Bid 1, 6c; 2, 7c; 3, 7c.

24a. 20 to 30 poles—Bid 1, 60c; 2, 60c; 3, 85c.

24b. 31 to 40 do—Bid 1, \$1; 2, 75c; 3, \$1.

24c. 41 to 50 do—Bid 1, \$1.25; 2, 90c; 3, \$1.25.

24d. 51 to 60 do—Bid 1, \$1.50; 2, \$1.25; 3, \$1.50.

SAN FRANCISCO—Until June 25, 11 A. M., under Order No. 9855, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county, 30 steel scaffold frames as per blue prints obtainable from above office. Structural steel to be made by open hearth process. The tensile strength shall be not less than 55,000 lbs. per sq. inch and the minimum yield point shall be not less than half of the tensile strength.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

WASHINGTON, D. C.—Following bids received at Washington, D. C., by Department of Commerce, to establish electric airway beacons and intermediate landing field equipment on Verdi-Battle mountain section of San Francisco-Salt Lake City airway:

Item 1, 6 type A beacons with 51-ft. tower; 2, 6 type B do; 3, 1 type C do; 4, 5 type D do; 5, 1 acetylene blinker with 51-ft. tower; 6, 1 do with 20-ft. tower; 7, 6 acetylene route beacons with 20 ft. tower and tank house; 8, add to beacons for 62-ft. towers; 9, add to beacons for 75-ft. towers; 10, add to beacons for 87-ft. towers; 11, deduct from beacons for 20-ft. tower and tank house; 12, parkway cable; 13, do; 14, boundary lights; 15, obstruction lights; 16, junction boxes; 17, weatherproof wire; 18, do; 19, poles.

Muhleman & Kayhoe, Inc., Richmond, Va., item 1, \$445; 2, \$935; 3, \$3300; 4, \$3150; 5, \$515; 6, \$340; 7, \$320; 8, \$45; 9, \$75; 10, \$130; 11, \$20; 12, 18c; 13, 24c; 14, \$14; 15, \$18; 16, \$8; 17, 6s; 18, 7c; 19, 85c; 55c, \$1, 1.25 and \$1.50.

Bids for this work were also opened in San Francisco and Salt Lake City and these will appear in an early issue.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, to furnish and deliver materials to Navy Yards and Stations, the date of opening bids as noted at close of each paragraph. (Further information regarding the Schedule may be obtained from Navy Purchasing Officer, 310 California St., San Francisco):

Sch. 9247, San Diego, 2 combination steam sterilizing outfits and spares, 1 steam dressing sterilizer, 1 drying oven and 1 electric incubator, June 26.

Sch. 9255, Mare Island, 2 storage batteries and spares, June 26.

Sch. 9256, western yards, lavatories, shower heads, plumbing fixtures, etc., June 26.

Sch. 9258, Mare Island, 15 double cocks, Mare Island, 50 water closet tank cocks; Mare Island, 210 lavatory faucets, Mare Island, 144 water closet valves, Puget Sound, 99 do, June 26.

Sch. 9259, San Diego, 100 gals. cresol; Mare Island, 1,100 gals. do; Puget Sound, 200 gals. do; Mare Island, 1,200 lbs. naphthalene; Mare Island, 7,600 lbs. sweeping compound; Puget Sound, 1,600 lbs. do; June 26.

Sch. 9261, Mare Island, electric pumps and spare parts; July 3.

Sch. 9262, Puget Sound, 1 motor-driven gear shaper; June 26.

Sch. 9263, Puget Sound, 1,600 paint brushes, 350 do; June 26.

Sch. 9268, Mare Island and Puget Sound, telephone parts; June 26.

Sch. 9285, San Diego, 1 motor truck; June 26.

WASHINGTON, D. C.—Following bids received by Department of Commerce, Washington, D. C., to establish electric airway beacons and intermediate landing field equipment on the Apex-Salt Lake City section of the Los Angeles-Salt Lake City airway:

1. B. & B. Const. Co., Columbus, Ohio, \$55,195.45; start 15 days and complete 220 days.

2. Muhleman & Kayhoe, Inc., Richmond, Va.; start 15 days and complete 180 days.

3. Harrison-Wright Co., Charlotte, N. C.; complete 200 days.

Item 1, 7 type A beacons with 51-ft. tower—Bid 1, \$431.41; 2, \$450; 3, \$400.

2. 8 type B do—Bid 1, \$1,010.45; 2, \$1,170; 3, \$900.

3. 1 type C do—Bid 1, \$3,451; 2, \$4,215; 3, \$2,690.

4. 3 type C do, Special—Bid 1, \$3,000; 2, \$4,023; 3, \$2,450.

5. 3 type D do, with 51-ft. tower—Bid 1, \$3,252.66; 2, \$4,033; 3, \$2,640.

6. 3 type D do, Special—Bid 1, \$2,604; 2, \$3,843; 3, \$2,000.

7. 5 Special G type beacons with 20-ft. tower—Bid 1, \$551.60; 2, \$260; 3, \$600.

8. 1 acetylene blinker light on 51-ft. tower—Bid 1, \$420; 2, \$355; 3, \$350.

9. 1 do, 20-ft. tower—Bid 1, \$161; 2, \$320; 3, \$250.

10. 65 acetylene route beacons on 20-ft. tower—Bid 1, \$163; 2, \$290; 3, \$220.

11. Add to beacons for 62-ft. towers—Bid 1, \$40; 2, \$45; 3, \$30.

12. Do for 75-ft. towers—Bid 1, \$50; 2, \$75; 3, \$50.

13. Add to do for 87-ft. towers—Bid 1, \$75; 2, \$130; 3, \$95.

14. Parkway cable—Bid 1, 16c; 2, 18c; 3, 18c.

15. Parkway cable—Bid 1, 18c; 2, 24c; 3, 30c.

16. Boundary lights—Bid 1, \$12; 2, \$14; 3, \$10.

17. Obstruction lights—Bid 1, \$15; 2, \$18; 3, \$10.

18. 3-way junction boxes—Bid 1, \$5; 2, \$8; 3, \$10.

19. Weatherproof wire—Bid 1, 5c; 2, 6c; 3, 6c.

20. Weatherproof wire—Bid 1, 6c; 2, 7c; 3, 7c.

21a. 20 poles—Bid 1, 60c; 2, 85c; 3, 50c.

21b. 20 to 20 poles—Bid 1, 60c; 2, 85c; 3, 60c.

21c. 31 to 40 do—Bid 1, \$1; 2, \$1; 3, 75c.

21d. 41 to 50 do—Bid 1, \$1.25; 2, \$1.25; 3, 90c.

21e. 51 to 60 do—Bid 1, \$1.50; 2, \$1.50; 3, \$1.

PHOENIX, Ariz.—Until July 10, bids will be received by Superintendent, U. S. Indian School, Phoenix, for (1) fur. one automotive test bench; (2) fur. one valve facing machine; (3) furnish 7 motors. Further information obtainable from above.

SAN FRANCISCO.—Until June 25, 11 A. M., under Order No. 9842-1327-32, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county, range boiler, valves, unions, brass pipe, etc. Complete lists of materials desired obtainable from above office on request.

SAVAGE, Montana.—Until July 12, bids will be received by Bureau of Reclamation, Savage, Montana, for construction, comprising earthwork and structures for open drains on the Lower Yellowstone project, Montana-North Dakota. The work includes open drains Nos. 22, 22-1, 23, 23-4, 24, 24-4, 26, 26-17 and Hay Creek drain. The work is located near Sidney and Fairview, Montana. The principal items and the approximate quantities involved are as follows: 391,000 cu. yds. of excavation, 10,000 cu. yds. of backfill, 165 cu. yds. of concrete, placing 7000 lbs. of reinforcement bars, driving 2600 lin. ft. of piling, erecting 86,000 ft. b. m. of timber in structures, erecting 1250 lin. ft. semi-circular metal flume and laying 2300 lin. ft. corrugated metal pipe.

HALLS AND SOCIETY BUILDINGS

Sub-Contracts Awarded.

CLUB BLDG.

SAN FRANCISCO. SE Twenty-first and Alabama Streets.

Two-story frame and stucco boys' club building (gymnasium, auditorium and classrooms).

Owner—San Francisco Boys' Club.

Architect—Harry A. Thomsen, Sharon Bldg., San Francisco.

Contractor—Spivock & Spivock, Hobart Bldg., San Francisco.

Lumber—McCallum Lumber Co., 748 Bryant St., San Francisco.

Concrete Work—Golden Gate Atlas Materials Co. (Barrymore Cert.)

Plumbing—Wm. J. Forster Co., 355 4th St., San Francisco.

Mill Work—Oakland Planing Mills, Second and Washington Sts., Oakland.

Structural Iron—Sunset Iron Works, 964 Harrison St., San Francisco.

Stairs—L. S. Peirano, 60 13th St., San Francisco.

Excavating—Sibley Grading & Teaming Co., 165 Landers St., San Francisco.

Hardware—Palace Hardware Co., 581 Market St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

Painting—A. A. Zelinsky Co., 4420 California St., San Francisco.

SACRAMENTO, Cal.—City Councilman Thos. Monk will recommend appropriation of funds to finance erection of new community clubhouse at McKinley Park to replace present structure.

Preliminary Plans Approved—Working Drawings Ordered.

CLUB BLDG. Cost, \$100,000.

MARYSVILLE, Yuba Co., Cal. 10th and D Streets.

Two-story and basement brick veneer lodge bldg., gymnasium, showers, bowling alleys, steam room, swimming tank, etc.

Owner—Elks Club.

Architect—Dean & Dean, California State Life Bldg., Sacramento.

Commissioned To Prepare Plans

CLUB BLDG. Cost, \$500,000.

BERKELEY, Alameda Co., Cal. Durant Ave. bet. Ellsworth and Fulton Sts., running through to Bancroft Way.

Six-story class A club building; swimming pool, banquet halls, reception rooms, dormitories and roof garden.

Owner—Berkeley Women's City Club.

Architect—Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.

WILLOWS, Glenn Co., Cal.—County Supervisors will select four architects to submit sketches for proposed American Legion Memorial Building which in addition to clubrooms for the Alfred J. Foster Post, will provide offices for certain county officials. A portion of the money necessary to finance construction is available. The balance to be raised by a direct tax this fall.

FRESNO, Fresno Co., Cal. — Shaver Lake Heights Club has authorized building committee to secure plans and specifications for proposed club building; will be frame construction, approx. 60 by 30 feet. Tennis courts will also be provided. Building committee consists of: I. Teilman and Harry Helferich of Fresno. Wm. Gardner of Dinuba and Chas. West and Jack Allen of Selma. The cost of construction has not been determined.

REDWOOD CITY, San Mateo Co., Cal. — American Legion Posts of San Mateo county have petitioned the county supervisors to levy a special one mill tax for the next three years to create a fund of \$136,000 to finance erection of Veterans' Memorial Buildings at Redwood City, San Mateo, Burlingame, South San Francisco, Half Moon Bay and Pescadero. The matter has been referred to District Attorney Franklin Swart with orders to report July 2.

OAKLAND, Cal.—City Port Commission, G. B. Hegardt Secy., Oakland Bank Bldg., is making surveys for proposed model yacht harbor. One location considered is the Key Route Basin and another behind the Municipal Auditorium near the overflow from Lake Merritt. Plans for a clubhouse costing between \$15,000 and \$20,000 are also included in the project. The proposal is backed by the Oakland Yacht Club and C. E. Capwell, representing the Oakland Chamber of Commerce.

HOSPITALS

ANTIOCH, Contra Costa Co., Cal.—Dr. F. J. O'Donnell of Stockton and John J. Davi, Pittsburg financier, are organizing company to finance construction of a modern hospital at some point between Antioch and Pittsburg. It is proposed to erect a structure costing \$60,000. Brentwood and Bryon physicians will be asked to come into the building corporation.

Layouts and Estimates Furnished
Member Builders Exchange

Telephone: KEARNY 7155
Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of

HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Specialty

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

Contract Awarded

COTTAGE Cost, \$43,737
FALCON, Los Angeles Co., Cal. State
 Hospital Grounds.
 Group of one-story reinf. conc. and hollow tile cottages.
 Owner—State of California.
 Architect—State Architect's Office, Sacramento.

General Work

Johnson Const. Co., Los Angeles \$36,757 150 days
Plumbing and Heating
 Johnson Keeses, Santa Barbara \$ 6,980 90 days

OLIVE VIEW, Los Angeles Co., Cal.—Until 2 P. M., July 9, bids will be rec. by Los Angeles county supervisors for furnishing laundry equipment for Olive view Sanitarium, near San Fernando. Miss Mame B. Beatty, 703 Hall of Records, is clerk of the board.

Sub-Contracts Awarded

HOSPITAL Cost, \$25,000
ARKESNO, Fresno Co., Cal. Villa Addition.

Three-story and basement reinforced concrete hospital, plaster exterior.

Owner—Sisters of Holy Cross, South Bend, Ind.

Architect—Alfred I. Coffey, Phelan Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Exterior Mill Work—Madary's Planing Mill, Fresno.

Sand, Rock and Gravel—Coast Rock and Gravel Co., 111 Sutter St., S. F.

Cement—Yosemite Cement Co., Pacific Southwest Bldg., Fresno.

Lumber—Pierce Lumber Co., Fresno.

Plumbing and Heating—B. A. Newman Co., 320 North H St., Fresno.

Sheet Metal Work and Roofing—Faris-Osborne Co., Inc., 720 Tehama St., Fresno.

Steel Pans—Steelform Contracting Co., Monadnock Bldg., San Francisco.

As previously reported, electrical work awarded to Electric Const. Co., 1228 H St., Fresno; reinforcing steel awarded to Badt Falk & Co., 74 New Montgomery St., San Francisco.

Preliminary Plans Approved

HOSPITAL Cost, \$—
BERKELEY, Alameda Co., Cal. University Ave. near Grove.

Four-story reinf. concrete hospital (60 rooms, dining rooms, operating rooms etc.)

Owner—Bohannon Cancer Institute, G. C. Bohannon, Mgr., 1813 University Ave., Berkeley.

Architect—Jas. W. Plachek, Mercantile Bank Bldg., Berkeley.

HOTELS

HONOLULU, T. I.—Architect Gilbert Stanley Underwood, 1404 Hibernian Bldg., Los Angeles, is completing working plans for a 4-story and part 2-story hotel building, to be erected in Honolulu, for Walter Gustlin; the building will contain dining-room, kitchen, ballroom, lobby, lounges and 200 rooms with 100% baths; brick and concrete and frame construction, stucco exterior, composition roofing, elevators, ornamental iron work, probably steam-heating system, hardwood and pine floors, etc.; \$400,000. Bids will be taken on general contract.

Completing Plans

HOTEL Cost, \$128,000
OAKLAND, Alameda Co., Cal. San Pablo Ave. (two sites under consideration).
 Four-story steel and brick hotel and store bldg., (100 rooms, 7 stores).

Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Contractor—Sommarstrom Bros., 1409 Webster St., Oakland.

Contractor will be ready for sub-bids in about two weeks.

Plans Complete

HOTEL BLDG. Cost, \$200,000
RIO DEL MAR, Santa Cruz Co., Calif. Near Aptos.

Two and part three-story class C brick hotel building (52 rooms, kitchen, coffee shop, etc.)

Owner—Monroe, Lyon & Miller.

Architect—Ben. G. McDougall, 352 Sacramento St., San Francisco.

Contractor—E. T. Leiter & Son, 811 West St., Oakland.

NOTE—Construction will be started as soon as the project is financed.

POWER PLANTS

WATSONVILLE, Santa Cruz Co., Cal.—Watsonville Ice and Cold Storage Co. has commenced reconstruction of its engine room at a cost of \$75,000, as part of a reconstruction program which will ultimately involve an expenditure of \$250,000. New equipment will be installed.

LOS ANGELES, Cal.—Until 3 P. M., June 29, bids will be rec. by water and power commission for creosoted poles under Spec. P-546. James P. Vroman, secretary.

LOS ANGELES, Cal.—Until 3 P. M., June 29, bids will be rec. by water and power commission for one actuator under Spec. P-554. James P. Vroman, secretary.

BERKELEY, Alameda Co., Cal.—Standard Underground Cable Co., awarded contract by city to fur. cable required in changing fire alarm system over to manually operated system.

PUBLIC BUILDINGS**Preliminary Plans Being Prepared.**

BUILDINGS Cost, \$75,000
LINDSAY, Tulare Co., Cal.

Group of buildings to comprise Civic Center.

Owner—City of Lindsay.

Architect—Swartz & Ryland, Brix Bldg., Fresno.

City has option on the property required for the civic center and an election will be held this Fall to vote bonds to finance the project.

RESIDENCES**Sub-Contracts Awarded**

RESIDENCE Cost, \$20,000
SAN RAFAEL, Marin Co., Cal. Grand Ave. opposite Tamalpais School.

Two-story frame and stucco residence.

Owner—Charles Cable, Mission and De Henry Sts., San Rafael.

Architect—N. W. Sexton, DeYoung Bldg., San Francisco.

Contractor—Leibert & Trobock, 185 Stevenson St., San Francisco.

Heating & Plumbing—Geo. Shields, 303 3rd St., San Rafael.

Electric Work—Balboa Electric Co.

Painting—Marin Furniture Dec. Co., 507 4th St., San Rafael.

Mill Work—Henry Hess, 229 3rd St., San Rafael.

Contract Awarded.

RESIDENCE Cost, \$9200
ALAMEDA, Alameda Co., Cal. No. 2925 Northwood Drive.

Two-story 8-room frame and plaster residence.

Owner—Susan Dewey, Alameda Hotel, Alameda.

Architect—None.

Contractor—Walter Andreson, 1014 Doris Court, Alameda.

Plans Being Prepared

RESIDENCE Cost, \$20,000
HILLSBOROUGH, San Mateo Co., Calif. Hillsborough Knolls.

Two-story frame and stucco English style residence with patent shingle roof (10 rooms, 3 bathrooms).

Owner—Elwood C. Boobar.

Architect—Gottschalk & Rist, Phelan Bldg., San Francisco.

Completing Plans

RESIDENCE Cost, \$8,500
SAN MATEO, San Mateo Co., Cal. San Mateo Park.

One and one-half story frame residence, (Norman style, common brick exterior, 6 rooms).

Owner—Richard P. Minor.

Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.

Plans will be ready for bids next week.

Contract Awarded

RESIDENCE Cost, \$10,000
BELMONT, San Mateo Co., Cal. Bay View Heights.

One-story frame and stucco residence, shake roof, Mexican style.

Owner—A. J. Canata.

Architect—Russell B. Coleman, 1132 Cambridge Road, Burlingame.

Contractor—C. B. McLain, Burlingame.

Foundation Contract Awarded

RESIDENCE Cost, \$22,000
SAN JOSE, Santa Clara Co., Cal. The Alameda.

Two-story frame and stucco residence, (10 rooms).

Owner—Chas. Bigley, 58 Bassett St., San Jose.

Architect—Wolfe & Higgins, Realty Bldg., San Jose.

Foundation contract awarded to R. C. Herschbach, 1290 Washington St., San Jose, at \$2250. Plans will be ready for general bids in about ten days.

Taking Steam Heating Bids

RESIDENCE Cost, \$30,000
SAN FRANCISCO, E 25th Ave. N. Lake.

Two-story and basement frame and stucco residence.

Owner—C. A. Marwedel, 458 15th Ave., San Francisco.

Architect—J. E. Krafft & Son, Phelan Bldg., San Francisco.

General Contractor—G. Pettersen, 46 Divisadero St., San Francisco.

Bids will be taken in a few days for painting, tile work, hardwood floors, etc. (6452) 1st rep. June 1; 2nd, June 5, 1928.

Plans Being Figured

RESIDENCE Cost, \$25,000
SAN FRANCISCO, Baker St. near Beach.

Three-story frame and stucco residence.

Owner—John Fabbri, Sharon Bldg.

Architect—H. H. Winner Co., 580 Market St., San Francisco.

Contract Awarded

RESIDENCE & GARAGE Cost, \$15,030
OAKLAND, Alameda Co., Cal. Lakeshore Highlands Lot 46 Blk 11.

Two-story frame residence and garage.

Owner—A. D. Fifield, 3347 Lakeshore Highlands, Oakland.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Contractor—Albert Haskell, 255 Ridgeway, Oakland.

Plans Being Prepared

IMPROVEMENTS Cost, \$40,000
HILLSBOROUGH, San Mateo Co., Cal.

Swimming pool, greenhouses, walks, etc., for residence.

Owner—Geo. W. Kleiser, 105 Baywood, San Mateo.

Architect—Sidney B. Noble and Archie Newsom, Federal Realty Bldg., Oakland.

Plans Being Prepared

RESIDENCE Cost, \$12,000
MT. DIABLO, Contra Costa Co., Cal. Diablo Country Club.

One-story frame and stucco Spanish style residence.

Owner—H. K. Jackson.

Architect—Sidney B. Noble and Archie Newsom, Federal Realty Bldg., Oakland.

Plans Being Prepared

RESIDENCE Cost, \$40,000
PIEDMONT, Alameda Co., Cal. La Salle Avenue.

Two-story frame and stucco Spanish style residence.

Owner—Not given.

Architect—Sidney B. Noble and Archie Newsom, Federal Realty Bldg., Oakland.

Plans Being Prepared

RESIDENCE Cost, \$13,000
PLEASANTON, Alameda Co., Cal.

Two-story frame and stucco Spanish style residence.

Owner—Not given.

Architect—Sidney B. Noble and Archie Newsom, Federal Realty Bldg., Oakland.

Being Done by Day's Labor

RESIDENCE Cost, \$35,000
ORINDA, Contra Costa Co., Cal. Orinda County Club.

One and part two-story frame and stucco residence (10 rooms, 4 baths), 3-car garage, stables, swimming pool, servant's quarters.

Owner—Chas. D. Bates, 100 Indian Rd., Oakland.

Architect—Sydney, Noble & Archie Newsom, Federal Realty Bldg., Oakland.

A refrigeration plant is to be installed in connection with the above.

Completing Plans—Ready For Bids In A Week.
RESIDENCE Cost, \$18,000
OAKLAND, Alameda Co., Cal. St. James Wood.
 Two-story frame and stucco residence (terra cotta tile roof).
 Owner—M. C. Chapman Jr.
 Architect—W. E. Schirmer, 700 21st St., Oakland.

Plans Complete—Contract Awarded
ADDITION Cost, \$15,000
BURLINGAME, San Mateo Co., Cal. 121 Pepper St.
 One-story brick addition to residence.
 Owner—E. N. Ayer, 818 Mission St., San Francisco.
 Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
 Contractor—Hock & Hoffmeyer, 666 Mission St., San Francisco.

Award
RESIDENCE Cost, \$5500
SAN LEANDRO, Alameda Co., Calif. Broadmore Blvd.
 One-story five-room frame and stucco residence.
 Owner—F. C. Wright, San Leandro.
 Architect—Ernest Flores and Ralph E. Wood, Associated, 1801 Franklin St., Oakland.
 Contractor—Jos. Franklin, 654 E 14th St., Oakland.

Completing Plans—Ready For Segregated Bids In A Week
RESIDENCE Cost, \$10 0
SAN LEANDRO, Alameda Co., Cal. Best Manor.
 Two-story frame and stucco duplex residence (8 rooms), and 1-story frame water distillery.
 Owner—Paul Fox.
 Architect and Mgrs. of Const.—Ernest Flores and R. E. Woods, associated, 1801 Franklin St., Oakland.

Award
RESIDENCE Cost, \$4000
SAN LEANDRO, Alameda Co., Cal. Best Manor.
 One-story and basement six-room frame and stucco residence.
 Owner—L. Silveria, San Leandro.
 Architect—Ernest Flores and R. E. Wood, associated, 1801 Franklin St., Oakland.
 Contractor—Bunker & Testerman, San Leandro.

SCHOOLS

Preliminary Plans Being Prepared.
SCHOOL Cost, \$300,000
FRESNO, Fresno Co., Cal. Thorne and McKinley Aves.
 Catholic Boys' High School (Brothers of Mary). Group of frame buildings (classroom building, physics, chemistry, laboratory and gymnasium buildings).
 Owner—Monterey - Fresno Diocese, Fresno.
 Architect—Swartz & Ryland, Brix Bldg., Fresno.
 The plant will be erected on a 10-acre tract to be fully developed with buildings, athletic field, etc.

VISALIA, Tulare Co., Cal.—Until July 5, 1:30 P. M., bids will be received by Anna M. Powell, Clerk, Liberty School District, to erect 1-classroom addition to present school. Geo. E. McDonald, architects, Visalia. Cert. check or bidder's bond of 5% req. with bid. Plans obtainable from clerk on deposit of \$10, returnable.

Plans Being Figured—Bids Close July 12, 1928, 2 P. M.
SCHOOL Cost, \$160,000
PLACERVILLE, El Dorado Co., Calif. Reynolds property near Memorial Park.
 Two-story class B high school building, brick exterior with terra cotta, 20 classrooms, gymnasium and shops.
 Owner—Placerville Union High School District.
 Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.
 Bids are being taken for a general contract and will be opened in Room 6 of the Courthouse in Placerville. Plans may be obtained from the architects.

OAKLAND, Alameda Co., Cal.—Following bids were received June 19 by John W. Edgemond, Secty., Board of Education, to erect addition to Lazear School

at NE 29th and Elmwood Ave. Will be one-story brick, containing 4 classrooms; est. cost \$76,900. Hutchison & Mills, architects, Robert Howden Bldg., 337 17th St., Oakland.

Lawton & Vezey, 354 Hobart St., Oakland.....	\$57,890	\$1,100
B. S. McIntyre, Oakland.....	59,400	2,000
J. E. Branagh, Oakland.....	59,800	2,200
J. W. Cobby & Son, S. F.....	64,876	3,000

Alt. deduct		
Associated Hardware Co., 977 San Pablo Ave., Oakland.....	\$1,097	
Maxwell Hardware Co., Oakland.....	1,588	
Builders' Hardware Co.....	1,295	

Awning Type Window Fixtures		
Universal Window Co., 1916 Broadway, Oakland.....	\$ 638	
R. W. King.....	990	
C. F. Weber & Co., S. F.....	1,100	
H. S. Crocker Co., S. F.....	1,146.38	

Linoleum		
Anderson Carpet House, 519 13th St., Oakland.....	\$ 849	

OAKLAND, Alameda Co., Cal.—Leibert & Trobeck, 185 Stevenson St., San Francisco, at \$169,696 submitted lowest bid to John W. Edgemond, Secty., Board of Education, to erect administration building in west side of Second Ave. bet. E Tenth and E Eleventh Sts. Will be three-story reinforced concrete; estimated cost \$200,000. Wm. Knowles, architect, 1214 Webster St., Oakland.

Other bidders were:
 Schuler & McDonald, Oakland.....\$171,000
 Wm. C. Keating, Oakland.....173,400
 A. Frederick Anderson, Oakland.....173,510
 Hamilton Const. Co., S. F.....174,000
 John E. Branagh, Oakland.....179,000
 J. W. Cobby & Son, S. F.....180,000
 Vogt & Davidson, S. F.....180,837
 Geo. Swanstrom, Oakland.....182,495
 Villadsen Bros., Inc., S. F.....184,008
 (1093) is rept. Jan. 3; 6th, June 5, 1928.

BAKERSFIELD, Kern Co., Cal.—Currie & Duglar, Kern County Land Co. Bldg., Bakersfield, were the low bidders at \$153,300 on the general contract for erecting a new auditorium and classroom building and an addition to the shop building at Kern County Union High School. Chas. H. Biggar, Bakersfield, is the architect. Low bidders on other contracts were: Metzger Plumbing Co., Bakersfield, on plumbing at \$3890; Gundlach Plumbing Co., Bakersfield, on heating and ventilating at \$9400, and Kern Valley Electric Co., Bakersfield, on wiring at \$1900. The bids were:

General contract—Currie & Duglar (a) classroom building \$92,600; (8) shop building, \$61,900; (c) both buildings, \$153,300; Opperman & Kampe (a) \$91,968; (b) \$68,640; (c) \$157,680. Henry Eissler (a) \$92,300; (b) \$64,600; (c) \$156,000. Orndorff Constr. Co. (a) \$95,000; (b) \$69,000; (c) \$156,000. J. S. Metzger & Son (a) \$93,900; H. Mayson (a) \$96,555.

Plumbing—Metzger Plumbing Co., \$3890; Dale Plumbing Co., \$4080; Bakersfield Plumbing Co., \$4323; Gundlach Plumbing Co., \$4345.

Heating and Ventilating—Gundlach Gundlach Plumbing Co., \$9400; W. M. Fisher, \$10,600; B. A. Newman, \$10,900; Nottingham Co., \$11,888.

Electric work—Kern Valley Electric Co., \$1900; Drury-Fingerhuth Co., \$2750.

The bids were taken under advisement and contracts will be awarded to the low bidders as soon as money from the sale of bonds is available.

MODESTO, Stanislaus Co., Cal.—As previously reported, bids will be received by E. D. Abbott, Secty., Modesto High School District, July 2, 1:30 P. M. to erect 1-story brick gymnasium; estimated cost \$50,000. Davis-Pearce Co., architects, Builders' Bldg., Stockton. Cert. check 10% req. with bid. Bids are wanted for a general contract.

Completing Plans—Ready For Bids In September.
SCHOOL BLDG. Cost Approx. \$260,000
OAKLAND, Alameda Co., Cal. Eighteenth and Market Sts. (Clausen-Longfellow Junior High School).
 Three-story reinforced concrete 27-room school building; accommodations for 900 pupils; boys' and girls' gymnasium and shop building.
 Owner—City of Oakland Board of Education.
 Architect—John I. Easterly, 2137 Tiffen Road, Oakland.

RENO, Nevada—Reno Board of Education contemplates erection of a new junior high school. Construction, however, will not be undertaken for a year or more.

Contract To Be Awarded Next Month.
ADDITION \$—
TRACY, San Joaquin Co., Cal. West side Union High School District.
 Five-room brick and concrete addition to present high school.

Owner—West Side Union High School District.

Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

General Contract—Carl Nelson, 1421 E-Channel St., Stockton at \$23,540 on Bid No. 1.

Heating—Jos. Black, 721 W-Elm St., Stockton, at \$1954, on Bid No. 1.

MADERA, Madera Co., Cal.—Until June 29, 6 P. M., bids will be rec. by B. A. Harrington, Secty., Madera Union High School District, for veneering garage building on high school grounds. Plans obtainable from Secty.

SAN FRANCISCO.—Bureau of Architecture, City Department of Public Works preparing plans for alterations to playground and the erection of a lunch room at the Pacific Heights school in north side of Jackson St. bet. Fillmore and Webster streets.

MODESTO, Stanislaus Co., Cal.—As previously reported, bids will be received by E. D. Abbott, Secty., Modesto School District, July 2, 1:30 P. M., to install heating systems in John Muir, Franklin, Washington and Lincoln schools. Davis-Pearce Co., architects, Builders' Bldg., Stockton. Cert. check 10% req. with bid. Plans obtainable from architects and on file in office of secretary. See call for bids under official proposal section in this issue.

MODESTO, Stanislaus Co., Cal.—As previously reported, bids will be rec. July 16, 1:30 P. M., by E. D. Abbott, Secty., Modesto Junior College District, to erect one-story steel and frame gymnasium at Junior College grounds. Est. cost \$25,000. Davis-Pearce Co., architects, Builders' Bldg., Stockton. Cert. check 10% req. with bid. Plans obtainable from architects and on file in office of secretary. See call for bids under official proposal section in this issue.

Working Drawings Being Prepared
BUILDING Cost, \$2,000,000
BERKELEY, Alameda Co., Cal. University Campus.
 Five-story reinforced concrete building (Life Sciences).

Owner—University of California.
 Architect—George W. Kelham, 315 Montgomery St., San Francisco.

NOTE—Plans will be ready for bids in October of this year.

To Call For Bids This Week
SCHOOL Cost, \$—
ALBANY, Alameda Co., Cal.
 Two-story frame and stucco school bldg. (six classrooms and study hall).
 Owner—Albany Board of Education.
 Architect—Davis-Pearce Co., 47 N Grant St., Stockton.

Completing Plans
SCHOOL BLDG. Cost, \$25,000
PRINCETON, Colusa Co., Cal.
 One-story brick veneer school bldg., (3 classrooms).

Owner—Princeton Grammar School Dist.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg., San Jose.

Bids will be called for in about ten days.

TOMALES, Marin Co., Cal.—Until July 9, 8 P. M., bids will be received by A. D. Hopkins, clerk, Tomales Joint Union School District, for painting and calceining certain rooms and halls of school; seven rooms and two halls to be reconditioned. Plans on file in office of clerk at school.

FRUITRIDGE, Sacramento Co., Cal.—Until June 30, 7:30 P. M., bids will be rec. by W. H. Sutton, clerk, Fruitridge School District, 4617 Parker Ave., Sacramento, for 2-classroom addition to present school. Plans obtainable from clerk.

TAFT, Kern Co., Cal.—Until June 26, 2 P. M., bids will be received by H. R. Kanode, clerk, Conley School District, to construct sidewalks, tennis courts, retaining walls and appurtenances and fencing at school grounds. Cert. check 10% payable to Board of Trustees of district req. with bid. Plans obtainable from engineer, Room 1, Hippodrome Bldg., Taft, on deposit of \$5, returnable.

BAKERSFIELD, Kern Co., Cal.—Rockpile School District votes bonds of \$11,000 to finance erection of new school to replace structure recently destroyed by fire. To the \$11,000 will be added \$7,000 available from insurance paid on the destroyed structure, \$16,000 to be expended for construction and \$2,000 for furnishing and ground's improvements.

Bonds Voted—Plans Being Prepared
SCHOOL Cost, \$30,000
COYOTE, Santa Clara Co., Cal.
One-story frame and stucco 3-classroom and auditorium school.
Owner—Encinal School District.
Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco.

Completing Revised Plans
SCHOOL Cost, \$20,000
FERNLEY, Nevada.
Brick school building, (2 classrooms and gymnasium).
Owner—Fernley School District.
Architect—F. J. De Longchamps, Reno-Gazette Bldg., Reno, and 525 Market St., San Francisco.

VISALIA, Tulare Co., Cal.—Until July 2, 7:30 P. M., bids will be received by C. T. Pool, clerk, Visalia School District, to erect addition to Highland School from plans prepared by city engineer of Visalia. Cert. check 10% or bidder's bond req. with bid, payable to clerk. Plans obtainable from clerk.

WILLOWS, Glenn Co., Cal.—Until June 28, 2 P. M., bids will be received by A. E. Pieper, clerk, Glenn County High School District, to erect building, 26 by 14-ft. near town of Elk Creek. Cert. check 5% payable to clerk req. with bid. Plans on file in office of County Superintendent of Schools at Willows.

Commissioned To Prepare Plans
SCHOOL Cost, \$50,000
SAN MATEO, San Mateo Co., Cal. San Mateo Park.
One-story concrete and frame school building.
Owner—San Mateo Grammar School Dist.
Architects—Edwards and Shary, 525 Market St., San Francisco.

Commissioned To Prepare Plans
SCHOOL Cost, \$45,000
SAN MATEO, San Mateo Co., Cal. Homestead District.
One-story concrete and frame school building.
Owner—San Mateo Grammar School Dist.
Architect—Edwards and Shary, 525 Market St., San Francisco.

Preparing Working Drawings
HIGH SCHOOL Cost, \$400,000
SAN FRANCISCO. Stanyan Street near Turk Street.
Three-story class C high school, (26 classrooms, assembly hall, gymnasium and chapel).
Owner—St. Ignatius College, Fulton St. and Parker Ave., San Francisco.
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Plans will be completed in about a month.

Commissioned To Prepare Plans
SCHOOL, ADDITIONS Cost, \$60,000
SAN MATEO, San Mateo Co., Cal. Peninsula Homestead Lawrence, Central and Turnbull schools.
Additions and alterations to schools.
Owner—San Mateo Grammar School Dist.
Architect—Edwards and Shary, 525 Market St., San Francisco.

SEATTLE, Wash.—Hans Pederson, 105 2nd Ave., Seattle, at \$404,500 awarded general contract to erect James Madison Intermediate school at 46th Ave. SW. and W. Hanford St. Will be 3-story and basement fireproof. I G Navarre 2200 1st St., Seattle, awarded plumbing at \$28,17, and J. J. Agutter & Co., 316 Seneca St., Seattle, the electric work at \$19,945. Low bid of Eckart Bros., Inc., 320 West-

lake Ave., Seattle, rejected and new bids will be asked. F. A. Naramore, city school architect.

Sub-Contracts Awarded
SCHOOL Cost, \$54,773
BERKELEY, Alameda Co., Cal. Garfield School site.

Two-story school building.
Owner—City of Berkeley Board of Education.

Architect—Jas. W. Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—Walter Sorenson, 2940 Piedmont Ave., Berkeley.

Linoeum—W. & J. Sloane, 224 Sutter St., San Francisco.

Electric Work—Capital Electric Co., 2505 Telegraph Ave., Berkeley.

Iron Work—Janson Iron Works, 1265 55th St., Oakland.

Lockers—Worley Co., 525 Market St., San Francisco.

Blackboard—W. T. King & Sons, Builders Exchange, Oakland.

Roof—Taylor Roofing Co., Oakland.

Sheet-Metal—Walter Mork, 1814 San Pablo Ave., Berkeley.

Grading Concrete—F. E. Nelson, 2444 Ashby Ave., Berkeley.

Erickwork—White & Gloor, Monadnock Bldg., San Francisco.

Plumbing—Chas. Knight, 1919 University Ave., Berkeley.

Plaster—Michael Ebinger, 1063 Alcatraz, Piedmont.

Heating—George Bell, 5205 Cole St., Oakland.

Painting—Hurtig & Lindahl, Berkeley.

Lumber—Tilden Lumber Co., Ft. of University Ave., Berkeley.

Millwork—Pacific Mfg. Co., 353 Hobart St., Oakland.

Glass—Fuller Co., 259 10th St., Oakland.

COURTLAND, Sacramento Co., Cal.—Until June 30, 1 P. M., bids will be rec. by S. Mercer Runyon, Secty., Courtland Joint Union High School District, to erect one-story frame and stucco gymnasium, 84 by 96-ft., of Spanish type with tile roof and side balconies, seating 550 persons. Est. cost, \$25,000. Coffman-Sahlgren and Stafford, architects, Plaza Bldg., Sacramento. Cert. check 10% payable to district req. with bid. Plans obtainable from architects. See call for bids under official proposal section in this issue.

VALLEJO, Solano Co., Cal.—Board of Education will provide \$2,000 in budget to finance erection of kindergarten and auditorium at Farragut school, and \$6,700 for vocational shop at senior high school. Funds will also be provided for additional classrooms in the junior high school; painting and tinting in the Farragut, Bay Terrace, McKinley and Roosevelt schools; new roofing at the Lincoln school and roadways and walks at the senior high school.

MONTEREY, Monterey Co., Cal.—Until July 7, 1:30 P. M., bids will be rec. by J. H. Graves, clerk, Monterey Union High School District, to fur. and del. chemical supplies. Further information obtainable from clerk.

FORT BRAGG, Mendocino Co., Cal.—Until June 28, 1 P. M., bids will be rec. by M. G. Gray, clerk, Fort Bragg Union High School District, to erect new Junior High School. Norman R. Coulter, architect, 46 Kearny St., San Francisco. Will be one-story of frame construction containing classrooms and auditorium. Est. cost, \$20,000. Cert. check 10%, cash or bidder's bond, payable to Board of Trustees of district req. with bid. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

Commissioned To Prepare Plans
SCHOOL Cost, \$100,000
SAN LORENZO, Alameda Co., Cal.
Brick or concrete grammar school building to replace one destroyed by fire recently.

Owner—San Lorenzo Grammar School District.

Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

OAKLAND, Alameda Co., Cal.—John E. Branagh, 184 Perry St., Oakland, at \$10,583 awarded contract by Board of Education, 211 City Hall, to erect additions to Cleveland Schools in Cleveland St. bet. Montclair and Athol Aves. Will comprise 2 classroom additions.

Figures To Be Taken Shortly
SHOP BLDG. Cost, \$5,000

ESCALON, San Joaquin Co., Cal.
One-story class C shop building with brick exterior.
Owner—Escalon Union High School Dist.
Architect—Davis-Pearce Co., 47 N Grant St., Stockton.
Bids will be called for in a few days.

TAFT, Kern Co., Cal.—Until June 26, 2 P. M., bids will be received by H. R. Kanode, clerk, Conley School District, to erect physical education building. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to Board of Trustees of district req. with bid. Plans obtainable from architect on deposit of \$5, returnable.

SAUSALITO, Marin Co., Cal.—Until June 25, 8 P. M., bids will be received by S. G. Ratto, clerk, Sausalito School District, for fencing at school grounds and for plastering exterior of present South school building. Norman R. Coulter, architect, 46 Kearny St., San Francisco. Cert. check 10% cash or bidder's bond payable to clerk req. with bid. Plans obtainable from architect and on file in office of clerk.

FORT BRAGG, Mendocino Co., Cal.—Until June 28, 1 P. M., bids will be rec. by Wm. G. Burger, clerk, Fort Bragg Union School District, to erect elementary school at Ocean site. Norman R. Coulter, architect, 46 Kearny St., San Francisco. Will be one-story of frame construction containing two classrooms and auditorium. Estimated cost, \$5,000. Cert. check 10%, cash or bidder's bond, payable to Board of Trustees of district, req. with bid. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be received by Walter Bachrodt, Secty., Board of Education, for plumbing repairs in the Grant, Hawthorne, Horace Mann, Jefferson, Lincoln, Longfellow, Lowell, Washington and Gardner Schools; and for heating repairs at the Jefferson and Lowell Schools. Plans obtainable from City Superintendent of Schools. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—City votes bonds of \$666,000 to finance elementary school improvements. A rough draft of the improvements contemplated under this issue is summarized as follows:

Lincoln, Fourth and Q Streets—Purchase additional site for \$16,000 and build balance of new \$300,000 school to care for 1750 pupils. This will replace building destroyed last year by fire. The initial \$70,000 unit is now under construction, the funds having become available by payment of fire insurance proceeds.

Bret Harte, Franklin Boulevard.—Build activity room with about 400 seats, \$35,000.

Coloma, Forty-seventh and T Streets—Build activity rooms and unit of seven classrooms, \$75,000.

New school on site near intersection of Fourteenth Street and Fifth Avenue—Building, \$60,000; site, \$10,000.

Donner, Stockton Boulevard and Eighth Avenue—Build activity room and unit of eight or nine classrooms, \$85,000.

Donner Annex, Fifty-third Street and Fifth Avenue—Build first unit of elementary school to include office and six classrooms, \$35,000.

Sierra, Twenty-fourth Street and Third Avenue—Build activity room to seat 400 pupils.

BANKS, STORES & OFFICES

LOS ANGELES, Cal.—Architects Curlett & Beelman, 1020 Union Bank Bldg., have been commissioned to prepare plans for a 12-story class A bank and office building to be erected at the NE cor. of Hollywood Blvd. and Vine St. for Samuel Kress, George R. Dexter and associates. The site is 90x140 ft. The first unit of the building will be 42x90 ft., reinf. conc. const., terra cotta facing. The Bank of Hollywood will occupy the main floor. A one-story shop building with foundation to carry 12 stories will be erected on the remainder of the lot for the present.

Plans Being Figured—Bids Close June 25, 1932, 1 P. M.

OFFICE BLDG. Cost, \$200,000
OAKLAND, Alameda Co., Cal. NW 29th and Summit Sts. (77x102 feet).

Five-story class B reinforced concrete medical building (40 offices).
Owner—Group of San Francisco business men (names withheld).

Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.

Bids are being taken for a general contract.

Segregated Bids Being Taken
STORE BLDG. Cost, \$50,000
MODESTO, Stanislaus Co., Cal. Tenth Street.

Two-story frame and brick store building
Owner—P. Latz, 840 10th St., Modesto.
Architect—Russell Guerne De Lappe, 1710 Franklin St., Oakland.

Bids are being taken in Modesto.

WILLOWS, Glenn Co., Cal. — See "Apartments," this issue.

Store Fixture Bids Wanted—Contracts Awarded. Cost, \$—
SAN FRANCISCO, NW O'Farrell and Stockton Streets.

Interior finish of department store.

Owner—O'Connor, Moffatt & Co.
Architect—Chas. E. Swanson, Chicago.
Manager of Constr.—Frederick Whitton, 369 Pine St., San Francisco.

Bids are now being taken for the store fixtures for the first floor. Bids for the other floors will be taken later. Contracts have been awarded as follows:

Pneumatic Tubes—The Lamson Co., 617 Mission St., San Francisco.

Floor Conveyors—Bodinson Mfg. Co., 4401 San Bruno Ave., San Francisco.

Private Telephone System—North Elec. Mfg. Co., 80 Tehama St., S. F.

Office Call System—Auto Call Co., 320 Market St., San Francisco.

Awnings—J. L. Stuart Mfg. Co., 33 Front St., San Francisco.

HANFORD, Kings Co., Cal.—Emporium Building, one of city's largest business structures, housing the Kutner, Goldstein Department Store, suffers \$250,000 fire loss June 17. Structures adjoining were slightly damaged by fire and water.

TULARE, Tulare Co., Cal.—W. F. Gettle of Bakersfield has purchased property, 75 by 150-ft., adjoining Hotel Tulare and plans erection of modern business block.

Plans To Be Prepared
ALTERATIONS Cost, \$—
SAN FRANCISCO, 1067 to 1071 Market St.

Extensive alterations to two-story market building for 5, 10, and 25 cent department store.

Lessee—J. J. Newberry Co., Phelan Bldg.
Architect—Gottschalk & Rist, Phelan Bldg.

Plans Being Figured—Bids Close June 27 AUTO BLDG. Cost, \$150,000
OAKLAND, Alameda Co., Cal. Broadway and 29th St. (67,000 sq. ft.)

One-story class C and part class D auto building, (services plant and sales room, 50x112 ft.)

Owner—Weaver-Wells Co., 3321 Broadway, Oakland.

Architect—Chas. W. McCall and A. D. Janssen, associated, 1404 Franklin St., Oakland.

Structural Engineer—Harry Bolin, 1404 Franklin St., Oakland.

Bids are being taken for a general contract.

Sub-Contracts Awarded
STORE BLDG. Cost, \$3,000,000
OAKLAND, Alameda Co., Cal. Twentieth St. and Broadway (80,000 sq. ft.)

Four-story basement and sub-basement class A department store building (foundation for 10 stories to be added at a later date).

Owner—H. C. Capwell Co., Oakland.

Architect—Ashley & Evers, 535 Market St., San Francisco, and Starrett & Van Vleck, New York City, N. Y.

Fixture Architecture—Taussig & Flesch, Chicago.

Contractor—P. J. Walker, Sharon Bldg., San Francisco.

Sprinkler System—Automatic Sprinkler Corp. of America, 519 California St., San Francisco.

Elevators—Otis Elevator Co., Beach and Stockton Sts., San Francisco.

Plumbing—Herman Lawson, 465 Tehama St., San Francisco.

Heating and Ventilating—Jas. A. Nelson Co., Inc., 1376 Howard St., San Francisco.

Electric Work—Ne Page, McKenney Co., 589 Howard St., San Francisco.

Refrigeration—Ludlow Refrigeration Co., 605 Market St., San Francisco.

As previously reported, structural steel awarded to Judson Pacific Co., 604 Mission St., San Francisco, for approximately 4300 tons; excavating to J. Catucci, 1212 18th Ave., Oakland, at \$30,299.99; concrete footings and foundations to Clinton Const. Co., 7th and Bay Sts., Oakland.

Contract Awarded
STORES Cost, \$12,000
SAN MATEO, San Mateo Co., Cal. 133 B St.

One-story concrete frame store bldg., 50x110 ft. (3 stores).

Owner—Eli Wiel.

Architect—Edwards and Shary, 525 Market St., San Francisco.

Contractor—Daley Bros., 1104 Vancouver, Burlingame.

MERCED, Merced Co., Cal.—Wieland Bros., Merced, at approx. \$50,000 have contract to remodel Hartman Department Store at 452 17th St. Will involve the construction of an extension of 80-ft. on the rear of the building in addition to extensive remodeling on interior. Heating system will be installed.

Completing Plans—Figures To Be Taken In Two Weeks

MARKET Cost, \$90,000
SAN JOSE, Santa Clara Co., Cal. W Santa Clara Ave., adjoining Montgomery Ward bldg.

One-story reinforced concrete market, 100x125 feet.

Owner—California Market.

Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.

Bids will be taken for a general contract.

SEATTLE, Wash.—Warrack Construction Co., McDowell Bldg., at approx. \$200,000 awarded contract by J. G. Von Herberg to erect three-story fireproof, 126 by 120 ft., store and office building at 6th Ave. and Pine St. Henry Bittman, architect, Securities Bldg., Seattle. Contract covers all work except plumbing, electric work and heating. Walls of sufficient strength to carry three additional stories are specified.

OAKLAND, Alameda Co., Cal.—Grozin and Fourchy, 1428 Park St., Alameda, at \$7,858, awarded contract by City Port Commission, 424 Oakland Bank Bldg., to construct additions to Administration Building at Municipal Airport. Will be one-story frame and stucco construction, 42 by 62 feet.

Grozin & Fourchy, 1428 Park St., Alameda

Jensen & Pederson, Alameda

A. Frederick Anderson, Oakland

E. T. Lesure, Oakland

Geo. Swanson, Oakland

A. Cederborg

Plans To Be Prepared
TELEPHONE EXCH. Cost, \$150,000
PALO ALTO, Santa Clara Co., Cal. N Bryant St. east University Ave.

Two-story reinf. concrete brick and terra cotta telephone exchange bldg., 60x122 ft.

Owner—Pacific Tel. & Tel. Co., 444 Bush St., San Francisco.

Architect—Architectural Dept. of Owner.

Construction will not be started until next year.

Contracts Awarded
BANK Cost, \$25,000
CAMBRIA, San Luis Obispo Co., Cal.

One-story brick and cast stone bank.

Owner—Bank of Cambria.

Architect—H. H. Winner Co., 580 Market St., San Francisco.

Steel Sash—Michel & Pfeffer Iron Works, 1415 Harrison St., San Francisco.

Reinforcing Steel—Gunn-Carle Co., 444 Market St., San Francisco.

Marble Work—Eisele & Dondero, 2895 3rd St., San Francisco.

Cement Work—Urnschop & Co., San Jose.

Plastering—Dielen & Cordes, 387 Eddy St., San Francisco.

Vault Work—Hermann Safe Co., Fremont and Howard Sts., San Francisco.

OAKLAND, Alameda Co., Cal.—Grozin and Fourchy, 1428 Park St., Alameda, at \$16,665, awarded contract by City Port Commission, 424 Oakland Bank Bldg., to erect restaurant building at Municipal Airport. Will be of frame and stucco construction; 78 by 78 feet.

LOS ANGELES, Cal.—Schofield-Twatt Co., builder, 1100 Pacific Finance Bldg., applied for building permit to erect three-story Class A reinforced concrete store building at 5613 Santa Monica Blvd. to Sears, Roebuck & Co., owner, Chicago Ill.; Geo. C. Nimmons, architect, Chicago, Ill.; 155x163 feet, concrete, composition and tile roof, skylights, reinforced concrete and wood floors, steel sash; \$300,000

Taking Sub-Bids.
BANK Cost, \$25,550
SAN FRANCISCO, Thirty-eighth Ave and Balboa St.

One-story frame and stucco bank building.

Owner—Bank of Italy.

Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco.

Contractor—Frank J. Reilly, 666 Mission St., San Francisco.

Contract Awarded
ADDITION Cost, Approx. \$40,000
SAN MATEO, San Mateo Co., Cal. 130 2nd St.

Three-story and basement class B reinf. concrete addition to furniture store.

Owner—Penn. Furniture Shops, 130 2nd St., San Mateo.

Architect—Edwards & Schary, 525 Market St., San Francisco.

Contractor—S. A. Wisnom, A and 2nd Sts., San Mateo.

Contract Awarded
ADDITION Cost, \$—
FRESNO, Fresno Co., Cal. Fulton St.

One-story addition to present one-story store building, 80 by 150-ft., of reinforced concrete construction.

Owner—Annie L. Wallace.

Lessee—S. H. Kress Co.

Engineers and Contractors—Felchlin, Shaw & Franklin, T. W. Patterson Bldg., Fresno, Cal.

Will be of reinforced concrete construction with brick filler walls. Entire first story interior will be repainted and redecorated in addition to installation of a flood lighting system.

NAPA, Napa Co., Cal.—Robert Stoll, Napa, granted building permit by city council to erect a one-story brick and hollow tile store at SE Brown and Pearl Sts.; est. cost \$8000.

THEATRES

SAN BERNARDINO, Cal.—Cresmer Mfg. Co., Riverside, was low bidder and will probably be awarded contract for erecting a 2-story and part 3-story theatre, store and office building at corner of 1 and Court Sts., San Bernardino, for Edward J. Boesche and to be leased by the West Coast Theatres, Inc.; plans prepared by Balch & Stanbery, architect and engineer, Film Exchange Bldg., Washington St. and Vermont Ave., Los Angeles; auditorium will seat 1600 people, store and offices; Spanish type, reinforced concrete construction, plaster exterior, art stone trim, tile and composition roofing.

Construction Postponed
THEATRE Cost, \$100,000
MERCED, Merced Co., Cal.

Two-story class C theatre bldg., seating capacity 1500.

Owner—Merced Theatre, (Frank J. Alberti, manager).

Architect—Meyer & Jorgensen, 742 Market St., San Francisco.

All bids were rejected and construction postponed. Stephenson Const. Co., Hearst Bldg., San Francisco, submitted lowest bid at \$54,842 for general contract, and Scott Co., 343 Minna St., San Francisco, on plumbing and heating at \$12,779.

Preliminary Plans Being Prepared
THEATRE Cost, \$45,000
CORNING, Tehama Co., Cal.

Fireproof theatre (motion picture and road shows).

Owner—W. F. Rodgers.

Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

EUREKA, Humboldt Co., Cal.—B. B. Byard, Eureka, seeks authorization of city council to remodel the old Standard Furniture Company building for a theater providing for a seating capacity of 500 persons. Structure is located at 6th and J Sts.

Excavating Bids To Be Called For In About Ten Days.

OPERA HOUSE Cost, \$1,500,000
SAN FRANCISCO. Block bounded by Van Ness Ave., Franklin, Grove and Fulton Streets.

Class A opera house, seating capacity 4000; standing room 500.

Owner—San Francisco War Memorial (John S. Drumm, chairman).

Architect—G. Albert Lansburgh, 140 Montgomery St., and Arthur Brown, 251 Kearny St., San Francisco.

A. Wagstaff, 381 Bush St., in charge of memorial drafting room.

As previously reported, contract for test borings at site was awarded to J. B. Rogers, 110 Sutter St., S. F.

Owner Taking Figures
ALTERATIONS Cost, \$10,000

MONTREY, Monterey Co., Cal.
Alterations to theater, (add loges).

Owner—Monterey Theater Co.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

WHARVES AND DOCKS

OAKLAND, Alameda Co., Cal.—Western Automatic Sprinkler Co., Inc., 114 Sansome St., San Francisco, at \$36,242 awarded contract by City Port Commission, 424 Oakland Bank Bldg., to furnish and install complete automatic sprinkler system, fire protection and domestic water supply at Grove Street Pier Shed at foot of Grove Street.

OAKLAND, Alameda Co., Cal.—Latourette-Fical Co., 57 Clementina St., San Francisco, awarded contract by Board of Port Comm., City of Oakland, for furnishing materials and labor and installing electric wiring for light and power at hangar No. 3 at Oakland Municipal Airport.

LONG BEACH, Los Angeles Co., Cal.—Plans for the new horseshoe pier have been completed by City Engineer A. H. Adams and will be presented to Col. Charles Leeds for approval before Director of Public Service Walter R. Fleming submits them to the council. The plans show all detail of the pier and the fill. The pier itself is to be thirty-six feet in width, with two 19-foot, four-inch driveways provided for the two-way traffic, according to the plans. It will join the beach at Pine Ave. and at Linden Ave., and will measure 1400 feet from the center of the horseshoe at sea to the beach. Crossties piles with sixteen-inch butt minimum placed five feet, six inches apart and well braced will support the pier. The driveway is to be of five-inch asphaltic concrete paving. The fill will be eight acres in area, 500 feet in width east and west and running 690 feet to sea. The ordinance authorizing sale of the \$2,800,000 auditorium and pier bonds, voted May 1, and the ordinance covering sales of the \$2,700,000 harbor bond issue, were adopted at a recent meeting of the city council.

SAN FRANCISCO.—Following bids rec. June 20 by State Harbor Commission, Ferry Bldg., to furnish and install steel rolling doors in building on connecting wharf between Piers 26 and 28. Frank G. White Chief Engineer.

	(A)	(B)
Cornell Iron Works, S. F.	4,485	4,690
G. Wilson Co., S. F.	4,731.50	
Dwan Co., 554 6th St.	\$2,596	\$3,596
Funn-Carle Co., S. F.	4,200	4,200

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO.—Butte Electric and Manufacturing Co., 956 Folsom St., at \$4,400 awarded contract by Board of Public Works for flood lighting system for city hall. Other bids were: Butte Elec. Equip. Co., \$7,485; Newbery-Pearce Co., \$7,520; Enterprise Elec. Co., \$7,698; C. Leverin, \$7,798; L. Flatland, \$7,845; Alta Electric Co., \$7,963; Edw. F. Dowd, \$8,140.

WOODBIDGE, San Joaquin Co., Cal.—Until July 3, 10 A. M., bids will be rec. by Olla L. Strother, Secty., Woodbridge Irrigation District, Main and Indiana Sts., Woodbridge, to furnish and deliver materials as follows:

Schedule 1—One carload (approx. 10,000 board ft.) assorted redwood lumber.

Schedule 2—One carload (approx. 12,000 board ft.) assorted pine lumber.

Schedule 3—One carload sand and rock mixed for concrete aggregate.

Schedule 4—Approx. 60 bbls. Portland cement, to be warehoused in Lodi or Woodbridge, to be delivered as requested by the district, all delivery to be made not later than Sept. 1, 1928.

Schedule 5—Approx. 4,000 lbs. corrugated steel in assorted sizes.

See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until June 29, 11 A. M., bids will be received by Regents of the University of California, 220 California Hall, University of California, Berkeley, for construction of laboratory building at the Deciduous Fruit Experiment Station at the Woman's Relief Corps Home Site near San Jose. Will be one-story of frame construction. Cert. check or bond of 10% payable to Regents of the University of California required with bid. Plans obtainable from Room 218 California Hall, Berkeley, on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

Contracts Awarded
MAUSOLEUM, ETC. Cost, \$200,000

SAN JOSE, Santa Clara Co., Cal. Oak Hill Cemetery.

Reinforced concrete mausoleum and columbarium.

Owner—Oak Hill Improvement Co., Wm. Veith, director, Commercial Bldg., San Jose.

Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Architect—Roller West Co., First Nat'l Bank Bldg., San Francisco.

General Contract—K. E. Parker, 135 So. Park, San Francisco, at \$90,000.

Marble Work—Vermont Marble Co., 244 Brannan St., San Francisco, \$50,500.

Decorating of Stone—Paul Denierville, 548 7th St., San Francisco, \$17,500.

Plans Being Figured.
MAUSOLEUM 1st unit \$100,000

SACRAMENTO, Sacramento Co., Cal. St. Mary's Cemetery.

Reinforced concrete mausoleum, marble and bronze interior.

Owner—Archbishop of Sacramento Diocese.

Architect—R. J. S. Cahill, 857 12th St., Oakland.

Plans Being Figured—Bids Close July 2, 1928.

FIRE STATION Cost, \$16,000

REDWOOD CITY, San Mateo Co., Calif. Myrtle and Jefferson Sts.

Rungalow type fire station.

Owner—City of Redwood City.

BUSINESS OPPORTUNITIES

Wants Distributor
Manufacturers of a resilient floor tile, located in Chicago Heights, Ill., wish to appoint a suitable distributor in San Francisco to handle their product. (Name on request to Larsen Advance Construction Reports, Kearny 1252).

Wants Volcanic Ash
Mr. Marshall Dill, 216 Pine St., San Francisco, wants samples, prices and full information on the subject of volcanic ash, similar to California Pumice. Will purchase in carload lots if material and price are satisfactory.

Wants Tin Cuttings
Herman Black, El Paso, Texas, desires to purchase tin cuttings.

Wants Agent
Wold Safety Lamp Co. of America, Inc. (G. A. Creutzburg, president), 68 Emerson Lane, Brooklyn, N. Y., manufacturers of mining lamps, desires to appoint exclusive agent or distributors for Northern California.

Wants Dealer
Sanitary Scale Co., (Arthur F. Priebe, assistant sales manager), Belvidere, Ill., manufacturers of porcelain finish computing scales, wish to locate established dealer to handle the distribution of their product in this territory.

Representation Available
H. O. Gentry Co., Central Bldg., Seattle, Wash., established merchandise brokers, are open to handle another line or two in addition to those which they now carry. They would appreciate hearing from manufacturers who are considering an agent or representative to handle their products in the Seattle territory. References available.

D. Barker, 2705 West Tenth St., Los Angeles, Calif., wants a man to take over exclusive agency for Northern California to sell a new small motor-driven knife sharpener (weight 6 lbs.), a product that sells to restaurants, hotels, clubs, butchers, etc. This sharpener will sharpen knives and cleavers of all kinds, leaves no scratches, makes a perfect edge. Product has been successful in the East. A capable man with selling ability and accustomed to earning big money is desired. Commission basis.

Seeks Connection
Neue Glasindustrie Gesellschaft m.b.H., Weisswasser, O. L., Germany, seeks connection with importers of ultra-violet window glass.

Seek to Export
Cia. Mexicana de Productos Nacionales, Edificio Rule, Mexico, D. F., exporters of mahogany offers same for sale to foreign markets and would appreciate hearing from interested San Francisco houses.

Seeks Representation
Mr. N. D. Anderson, P. O. Box 1198, San Francisco, (Phone Walnut 3661), who makes Hawaiian Islands twice yearly, will undertake introduction or expansion of San Francisco-made products. References.

Will Establish Market
Mr. Chas. W. Gould, 181 Lytton St., Palo Alto, Calif., is leaving for Australia and New Zealand shortly and would like to represent American concerns desiring to market products there.

A bird in the hand is worth two in the bush. And so it is in the construction game. Larsen's Advance Construction Report is an aviary of birds in your office every morning waiting to be fed by your sales force. Send for sample copies. Larsen Advance Construction Reports, 547 Mission St., San Francisco. No charge. No obligation.

FOR MORE PAY

Approximately 600 ironworkers walked out on strike in Boston last week following the failure of the employers to grant an increase in wages from \$1.25 to \$1.50 per hour. The strike ties up a number of large building projects in Boston and vicinity. John F. Walsh, Secretary of the Building Trades Employers Association, states that not more than 200 workers are out on jobs which are being done by members of the Association, while James J. Murphy, Business Agent of Local 7 of the Iron-workers places the number of strikers at 600.

The strike action was taken at a meeting of the union after the employers' association had been notified of the demands of the workers and in spite of the fact that the employers' association had asked for a conference the following day. Union leaders have accepted the invitation to meet with the employers but, according to Secretary Walsh, the employers refuse to discuss any agreement until the strikers return to work.

The ornamental iron Employers' Association have voted to support the Building Trades Association in refusing the demands of the workers and they have notified all contractors that they do not intend to pay the increase demanded. It is claimed by Business Agent Murphy that many independent contractors are paying the higher scale and he further intimated that other trades will be called on to support the ironworkers' demands.

Engineering News Section

BRIDGES

PLACERVILLE, El Dorado Co., Cal.—Until July 11, 2 P. M., bids will be rec. by State Highway Comm., Highway Bldg. Sacramento, to const. two overhead crossings, one at Sta. 109 plus 92, a reinf. conc. girder bridge consisting of one 46-ft. 6-in. span and two 39-ft. 9-in. spans on conc. piers and abutments with wing walls; also at Sta. 114 plus 65, a reinf. conc. girder bridge consisting of one 45-ft. 6½-in. span and one 28-ft. span and one 28-ft. 6-in. span on conc. piers and abutments with wing walls. See call for bids under official proposal section in this issue.

ROSEVILLE, Placer Co., Cal.—City votes bonds of \$50,000 to finance const. of two conc. bridges, one in Lincoln St. over Dry Creek and one in Sierra Blvd., over tracks of Southern Pacific R. R.

EUREKA, Humboldt Co., Cal.—Until July 10, bids will be rec. by Fred M. Kay, county clerk, to const. bridge over Mattole river at Ettersburg. To be riveted Warren truss bridge. Plans on file in office of clerk.

SAN ANDREAS, Calaveras Co., Cal.—Until July 2, 3 P. M., bids will be rec. by John Squellati, county clerk, to const. steel truss bridge over O'Neil's Creek at Calaveritas, (exclusive of fill), on main county road leading from San Andreas to Esmeralda. Cert. check 10% payable to County Treasurer req. with bid. Plans obtainable from clerk on deposit of \$5.

SAN JOSE, Santa Clara Co., Cal.—Thermotite Co., San Jose, at \$2890 awarded cont. by city to const. reinf. conc. bridge across Penitencia Creek in Alum Rock Park.

UKIAH, Mendocino Co., Cal.—Lamber and Christopherson, Potter Valley, at \$7,600 awarded cont. by county to const. reinf. conc. bridge east of Centerville, Potter Valley, involv. 17,318 lbs. reinf. steel; 242 cu. yds. reinf. conc.; 100 cu. yds. mass concrete.

OAKLAND, Cal.—Until Sept. 4, 10:30 A. M., bids will be rec. by Geo. E. Gross, county clerk, to remove existing Webster street bridge over San Antonio Estuary. Cert. check 10% payable to clerk req. with bid. Plans obtainable from clerk on deposit of \$10, returnable. Geo. A. Posey, county surveyor.

SAN RAFAEL, Marin Co., Cal.—McDonald & Maggiorio, Sausalito, at \$9830 awarded cont. by county to const. reinf. conc. bridge over Nicasio Creek, 3.4 miles south of Nicasio, involv. 320 cu. yds. A conc.; 45,000 lbs. reinf. steel; 30 lin. ft. 18-in. corr. metal pipe. Other bids were: E. W. Peterson, San Francisco, \$9845; John Carcano and H. Seiman, San Rafael, \$10,526; Smith & Jackson, San Rafael, \$10,578; F. J. Main, Fairfax, \$10,602; A. T. Howe, San Jose, \$10,665; Tri-berti & Massaro, Oakland, \$11,685; Louis Lambretti, Mill Valley, \$11,702; M. B. McGowan, San Francisco, \$14,570. Eng. est. \$10,790.

PLACERVILLE, El Dorado Co., Cal.—Until July 3, 1:30 P. M., bids will be rec. by the county clerk to const. reinf. conc. girder bridge over Webber Creek at Williamson. Cert. check 10% req. with bid. Plans obtainable from Henry Labiff, county surveyor.

OAKLAND, Cal.—Until July 16, 10:30 A. M., bids will be rec. by Geo. E. Gross, county clerk, to const. conc. and steel girder bridge on Niles Canyon Rd. in Washington Township; estimated cost \$70,000. Plans obtainable from County Surveyor Geo. A. Posey.

SAN RAFAEL, Marin Co., Cal.—A. T. Howe, San Jose, at \$3010.30 awarded cont. by county to const. reinf. conc. bridge at Gambinini Ranch on Salmon Creek Rd. in Rd. Dist. No. 4, involv. 87 cu. yds. A conc.; 10,600 lbs. reinf. steel. Other bids: Louis Lambretti, Mill Valley, \$3317; Smith & Jackson, San Rafael, \$3580; eng. est. \$2811.

SAN RAFAEL, Marin Co., Cal.—Smith & Jackson, San Rafael, at \$1010.75 awarded cont. by county to const. reinf. conc. bridge at Wilson Ave., Novato, involv. 20 cu. yds. A conc. in place; 3900 lbs. reinf. steel in place. Other bids: Louis Lambretti, Mill Valley, \$1029; A. T. Howe, San Jose, \$1074; eng. est. \$945.

PLACER COUNTY, Cal.—Following bids rec. June 20 by State Highway Comm. to const. reinf. conc. girder bridge across Truckee River at Tahoe City, consisting of four 30 ft. spans on conc. bents and abutments with wing walls:
Paul M. White, Santa Monica, \$23,983
McDonald & Maggiorio, Sausalito, 28,450
Eng. estimate, \$22,672.

PLACER COUNTY, Cal.—Following are 3 lowest of 9 bids rec. June 20 by State Highway Comm. to const. reinf. conc. girder overhead crossing over the tracks of the S. P. R. R. at Weimar, consisting of one 47 ft. 6 in. span, one 46 ft. 1 in. span, four 30 ft. spans and one 28 ft. 6 in. span on conc. piers and bents on pile foundations:
Butte Constr. Co., San Francisco, \$25,546
M. A. Jenkins, Sacramento, 26,667
Coolidge & Scott, Minden, Nev., 27,324
Eng. estimate, \$29,777.

TULARE COUNTY, Cal.—Following are 4 lowest of 9 bids rec. June 20 by State Highway Comm. to const. three reinf. conc. bridges bet. Tulare and Goshen—one over Cameron Creek about 2½ mi. north of Tulare, an existing bridge consisting of two 12 ft. slab spans to be widened from 26 ft. to 30 ft. rdwy.; another across Packwood Creek about 4½ mi. north of Tulare, an existing bridge consisting of one 30 ft. girder span to be widened from 21 ft. to 30 ft. rdwy.; and a third over Mill Creek about 7½ m. north of Tulare, a bridge to be constructed consisting of one 30 ft. girder span with 30 ft. rdwy.:
Guy G. Noble, Tulare, \$9,177
Earl Bowen, Strathmore, 9,380
C. R. Gurdy, Porterville, 10,645
W. H. Cartwright, Hanford, 10,753
Eng. estimate, \$10,301.

The HARD BOILED HAT
is made of fiber, to resist
objects falling on
the head

E. D. BULLARD Co.

275 EIGHTH ST. 800 W. 11th St.
San Francisco Los Angeles
Mkt. 2322 Westmore 4179

DREDGING, HARBOR WORK AND EXCAVATIONS

SAN FRANCISCO—Board of Supervisors has approved assessment district for Islais Creek Reclamation project, involv. an expenditure of \$1,600,000. Project will reclaim 288 acres of industrial land to city's area and will require from two to three years to complete.

MARYSVILLE, Yuba Co., Cal.—City Eng. Phil Dwyer preparing estimates of cost to place drains to carry off seepage water during winter months, the work to be paid for by the Marysville Levee Commission.

OAKLAND, Alameda Co., Cal.—See "Halls and Society Buildings," this issue. Yacht harbor and clubhouse contemplated.

IRRIGATION PROJECTS

BRENTWOOD, Contra Costa Co., Cal.—Stroud Bros., Bakersfield, at \$13,620, sub. low bid to East Contra Costa Irrigation District to fur. and lay stand. machine made conc. irrigation pipe, in the following quantities: 19,000 ft. 16-in., 3,000 ft. 20-in., 2,600 ft. 14-in. pipe. Same to be placed in trenches and ditches to be constructed by district. Other bids, all taken under advisement until June 19, were: John Kristich, Knightsen, Calif., \$14,490; James Mumbert, Lodi, \$14,810; R. J. Gibson, Bakersfield, \$15,243; Merritt Concrete Products Co., San Jose, \$16,840.

WOODBIDGE, San Joaquin Co., Cal.—See "Miscellaneous Construction," this issue. Bids wanted for various materials.

WESTLEY, Stanislaus Co., Cal.—John Phillips Co., 582 Market St., San Francisco, at \$27,100.50 awarded cont. by West Stanislaus Irrigation District to const. 2.3-5 miles of lift canal, under Contract No. 4, involv. (a) 120,000 cu. yds. excavation, 11c; (b) 600,000 sta. yds. haul, 2½c; (c) premium 25%, \$200.25; (d) premium 50%, \$200.25. Other bids: M. T. Treaster, (a) 17½c; (b) 3½c; (c) \$315; E. T. Fisher, (a) 15c; (b) 2½c; (c and d) \$495. Paris Bros., (a) 109c; (b) 024c; (c) \$206.10; (d) \$206.10.

LIGHTING SYSTEMS

SAN JOSE, Santa Clara Co., Cal.—John L. Key, 22 Battery St., San Francisco, at \$491.50 awarded cont. by city to install c. i. duplex (San Jose design) electrolier system together with underground system in San Antonio St., bet. 4th and 2nd Sts.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp preparing plans for electrolier system in W-San Fernando St., bet. 4th and 7th Sts., property owners having petitioned for the work.

BAKERSFIELD, Kern Co., Cal.—Until June 25, 5 P. M., bids will be rec. by V. Van Riper, city clerk, to install electrolier system together with underground system in 11th St. bet. Baker and L Sts., approx. 17 blocks, involv. 116 Union metal standards. Est. cost, \$28,000. Plans obtainable from City Eng. W. D. Clarke.

MODESTO, Stanislaus Co., Cal.—Walker, Martin & Montgomery, 1005 M St., Modesto, at \$25,336 awarded cont. by city to install electrolier system together with underground system in 10th St., bet. H and Needham Sts., and I St., bet. 9th and 11th Sts. C. I. Standards, Modesto Type No. 8. Other bids: E. A. Taggard, Modesto, \$27,588.37; Alta Elec. Co., 938 Howard St., San Francisco, \$27,750; Western States Constr. Co., Russ Bldg., San Francisco, \$28,166.10; City Improvement Co., 955 S-Alameda St., Los

Angeles, \$28,682.95; Atkinson Engineering Co., 815 Spring Arcade Bldg., Los Angeles, \$29,442.80; R. A. Wattson, 1026 McCadden Place, Los Angeles, \$30,387.03.

MACHINERY & EQUIPMENT

KINGSBURG, Fresno Co., Cal.—Until July 6, 8 P. M., bids will be rec. by Kingsbury Joint Union High School District to fur. 36 to 40-passenger capacity bus body, to be built and mounted on chassis to be fur. by school board. Cert. check 10% req. with bid. Further information obtainable from clerk of district.

MADERA, Madera Co., Cal.—Until June 28, 8 P. M., bids will be rec. by C. W. Clawson, clerk, to (1) fur. bus chassis, 1½-ton capacity for school purposes; (2) one P. & C. body No. 197D or equal to accommodate 40 elementary school pupils. Further information obtainable from clerk.

TULARE, Tulare Co., Cal.—Until July 26, 8 P. M., bids will be rec. by C. E. Harper, clerk, Tulare Union High School District for (1) furnish one Dodge-Graham bus chassis and, (2) furnish one body for above chassis. Spec. obtainable from clerk at high school in East Tulare Street.

MADERA, Madera Co., Cal.—Until June 27, 6 P. M., bids will be rec. by B. A. Harrington, Secty., Madera Union High School District, to fur. (a) two 1½-ton or 2-ton bus chassis, wheel base length to suit body builders; (b) two bus bodies, 35-passenger type on chassis. Further information obtainable from secretary.

EUREKA, Humboldt Co., Cal.—Fred H. Lundblade Co., Eureka, at \$1,765, awarded cont. by city to fur. and del. Cletrac Model 20 tractor. Englehart Paving Co., Eureka, bidding \$800 awarded sale of tractor no longer required by city.

YUBA CITY, Sutter Co., Cal.—Until June 25, 8 P. M., bids will be rec. by Alfred Nelson, Clerk, Central-Gaither School District, R. F. D. No. 1, Yuba City, to fur. and del. 40-passenger school bus, either complete, or chassis and body, in separate bids. Allowance to be made for bus no longer required by district. Cert. check 10% payable to clerk req. with bid.

BAKERSFIELD, Kern Co., Cal.—Until July 29, bids will be rec. by Mrs. V. Pow-rs, clerk, Buttonwillow School District, to fur. and del. one 35-passenger school bus. Further information obtainable from clerk.

FERNDALE, Humboldt Co., Cal.—Until July 10, 7 P. M. bids will be rec. by Ferndale Union High School District, to fur. and del. 30-passenger automobile school bus. Further information obtainable from Peter Petersen, clerk of district, at Ferndale.

RAILROADS

WELLS, Nevada—Western Pacific R. R. authorized by Interstate Commerce Commission to const. connection at Wells, Nev., with Oregon Short Line, by means of a viaduct passing over the Southern Pacific line. Approx 1 mi. of new road will be required.

SACRAMENTO, Cal.—Morrison-Knudsen, Boise, Idaho, awarded cont. by Sacramento Northern Railroad to const. approx. 17 miles of r. r. leaving main line of San Francisco-Sacramento R. R. at Riverview, 6 mi. s. w. of Sacramento, running into Holland District of Yolo County. Project involves 100,000 cu. yds. excavation in addition to tracklaying and ballasting.

FIRE EQUIPMENT

LODI, San Joaquin Co., Cal.—City Council has authorized purchase of 300 feet of 1½-in. fire hose. J. F. Blakely, city clerk.

MISCELLANEOUS SUPPLIES

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be received by Walter Bachrodt, Secty., Board

of Education, to fur. and del. coal, fuel and disillate for school year 1928-29. Further information obtainable from Secty. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—United Electric Co. submits low bid to city to fur. electric lamps for city for fiscal year 1928-29. All bids taken under advisement.

BERKELEY, Alameda Co., Cal.—American Rubber Co. awarded contract by city to fur. and del. hose required by fire department for fiscal year 1928-29.

IRRIGATION PROJECTS

SAN BERNARDINO, Cal.—City Water Supt. Wm. Starke preparing plans for 10,000,000-gal. reservoir to be built on Perris Hill; est. cost \$41,720. 350x165 ft. 30 ft. deep.

PIPE LINES, WELLS, ETC.

SAN DIEGO, Cal.—City plans line from Lower Otay Reservoir to the city. J. W. Williams, city hydraulic eng. estimates cost at \$1,000,000. It would have a capacity of about 30,000,000 gallons daily. It is proposed to meet the cost by a bond issue.

WATER WORKS

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Bids opened for salt water pumping station at Naval Operating Base, San Diego.

WALLA WALLA, Wash.—Until June 28, 11 A. M., bids will be rec. by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., to const. and install steel water tank and tower and deep well pump at U. S. Veterans' Hospital, Walla Walla. Plans obtainable from Medical Officer in charge at the above hospital or from Construction Division, U. S. Veterans' Bureau at Washington.

CONTRA COSTA COUNTY, Cal.—California Water Service Co., 111 Sutter St., San Francisco, seeks authorization of State Department of Public Works, Division of Water Rights, to appropriate 50 cu. ft. and 22,000 ac. ft. of water from lower Sacramento valley near Rio Vista, as an extension to its system in the Port Costa district. The water would be pumped a distance of 32 miles. Construction will involve an expenditure of \$5,500,000.

SAN BRUNO, San Mateo Co., Cal.—Grinnell Co. of the Pacific, 5th and Brannan Sts., San Francisco, awarded con. by city to fur. approx. 4500 ft. 4-in. c. i. water mains, hydrants, valves, etc. Martin Murphy, 1321 Milvia St., Berkeley, at approx. \$2025 awarded cont. to install above materials.

SACRAMENTO, Cal.—Until June 28, 5 P. M., bids will be rec. by H. G. Denton, city clerk, to fur. and install curru. iron pipes in various Sts. Cert. check 10% payable to City Controller req. with bid. Plans on file in office of clerk. Samuel J. Hart, city engineer.

OAKLAND, Cal.—United Iron Works, 580 2nd St., Oakland, at \$5952 awarded cont. by county to fur. and install pumping equipment in Oakland-Alameda Portal Bldgs., and in Segment D of Estuary tube. Other bids: Bay Engineering Co., \$7585; Butte Constr. Co., \$9409; Byron Jackson Co., \$10,680.

SIERRA MADRE, Cal.—Election will be held July 24 to vote bonds of \$130,000 to finance water works imps. L. Dietz, city clerk.

STOCKTON, San Joaquin Co., Cal.—Stockton Iron Works, Stockton, at \$89.40 and \$90.20 submitted low bid to city to fur. nine fire hydrants. Taken under advisement.

SEWERS & STREET WORK

OAKLAND, Cal.—A. Frederick Anderson, 1098 Longridge Rd., Oakland, at \$33,992 awarded cont. by county for cem. conc. pavement in Estuary Subway bet. Oakland and Alameda. Other bids: Calif. Bridge & Tunnel Co., \$51,350; Oakland Paving Co., \$54,200; Heafey-Moore Co., \$55,350.

VENTURA, Ventura Co., Cal.—City declares inten. (235) to imp. portions of East Main St., Santa Clara St., etc., involv. 800,000 sq. ft. 8-in. to 11-in. cem. conc. pave; 1,400,000 sq. ft. 6-in. to 8½-in. cem. conc. pave; curbs; walks; corr. metal culverts; street lighting system; sewers, etc. 1911 Act. City will pay \$20,000 of cost from General Fund. Total est. cost between \$750,000 and \$1,000,000. Ruth E. Meilandt, city clerk. D. C. Mcmillan, city engineer.

SAN BRUNO, San Mateo Co., Cal.—Representatives of Lomita Park, South San Francisco and San Bruno, are conferring with a view to forming a joint sanitary district to care for sewage disposal needs of the three communities. Preliminary surveys have been made by County Surveyor Geo. A. Kneese.

VALLEJO, Solano Co., Cal.—Louis Tagnon, Vallejo, at \$1,816 awarded cont. by city to imp. Hudson Alley from Amador St. to Contra Costa St., involv. excav., filling, 3-in. by 12-in. redwood plank curbs, 16-ft. Portland cem conc. pave. 5-in. thick, etc.

SAN CARLOS, San Mateo Co., Cal.—Smith Const. Co., 354 Hobart St., Oakland, at approx. \$14,500 awarded cont. by city to sewer portions of Carmelita Dr., Dale Ave., etc., involv. 12,200 lin. ft. 6-in., 2580 lin. ft. 8-in. vit. pipe; 60 lin ft. 8-in. c. i. pipe; wye branches.

BERKELEY, Alameda Co., Cal.—City declares inten. (627) to imp. Ada St. bet. Sacramento and Ordway Sts., Acton and Ordway Sts. bet. Rose and Hopkins Sts., involv. grade; pave; sewers, manholes, lampholes, culverts, handholes, curbs, gutters, walks, driveways. 1911 Act. Protests July 10. Emma M. Hann, city clerk.

STANISLAUS COUNTY, Cal.—Following bids rec. June 18 by R. E. Pierce, Dist. Eng., State Highway Commission, Sacramento, to grade and surface with oil treated crushed gravel or stone and const. timber trestle approach at the south side of Stanislaus River bridge:
C. W. Wood, Stockton.....\$8254.25
M. A. Jenkins, Sacramento..... 8517.30
Lee Immel, San Francisco..... 8855.00
Pacific Constr. Co., S. F.....14,093.80

SAN FRANCISCO—Board of Public Works requests supervisors to authorize preparation of plans and call for bids to const. Junipero Serra Blvd. from Sloat Blvd. to county line, under Contract No. 13; estimated cost \$500,000. Will involve grading, initial paving and drainage for a distance of 1.8 mi. and a width of 125 ft. including 12½ ft. sidewalk.

SAN CARLOS, San Carlos Co., Cal.—Peninsula Paving Co., Standard Oil Bldg. San Francisco, at approx. \$95,500 awarded cont. by city to imp. Phelps Rd., Hillcrest Rd., etc., involv. 25,000 cu. yds. grading; 249,600 sq. ft. 4-in. macadam base, 3-in. surface; 130,000 sq. ft. 4-in. macadam base, macadam and oil and rock screenings surface; 50,000 sq. ft. 2-in. macadam pave. with oil and rock screenings surface; curbs; gutters; vit. sewers; conc. storm sewers; catchbasins, etc. Hanrahan Co., \$108,573 next low bidder.

SACRAMENTO, Cal.—Until June 28, 5 P. M., (to be opened 8 P. M.), bids will be received by H. G. Denton, city clerk, (2247) to imp. San Carlos Way, bet. 5th and 8th Aves., involv. conc. curb, gutter, c. i. drains; vit. sewers; oic. manholes; 1-in. water main connections; asph. conc. pave. with seal coat. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Samuel J. Hart, city eng.

SANTA CLARA, Santa Clara Co., Cal.—City Eng. Henry B. Fisher, Growers Bank Bldg., San Jose, preparing plans for storm drains in various sections of city.

BERKELEY, Alameda Co., Cal.—City declares inten. (626) to const. sidewalks, curbs, steps and retaining walls in El Camino Real from Uplands to pt. 40 ft. SE of Lots 7, 8, Block 12, Oakridge, Claremont map. 1911 Act. Protests July 10. Emma M. Hann, city clerk.

BENICIA, Solano Co., Cal.—See "Government Work and Supplies," this issue. Bids opened for two projects at Benicia Arsenal.

SALINAS, Monterey Co., Cal.—City council has commissioned Cozzens and Davies, engineers, of Salinas, and Marion Crist, consulting engineer of Los Angeles, to make surveys and prepare estimates of cost for a sewer system in Soledad. The same engineers recently completed a survey for a sewer system in Gonzales, estimated to cost \$40,000.

BAKERSFIELD, Kern Co., Cal.—County supervisors are considering proposal advanced by Ira M. Williams, chairman of the board, for an expenditure of \$6,000,000 to finance const. of a county highway system. Some members of the board favor a bond issue, others direct taxation.

SONORA, Tuolumne Co., Cal.—County supervisors authorize oiling of 4½ miles of road at Twain Harte resort and 2 miles of county highway extending through the town of Soulsbyville. Robt. Thom, county surveyor.

SONORA, Tuolumne Co., Cal.—County Surveyor Robt. Thom preparing spec. to surface road in Jamestown district leading from Willow Hotel corner to railroad tracks and thence north to state highway; surface Sonora-Tuolumne road leading from Ralph Station to end of present pavement to the east; also unfinished section of Sonora-Tuolumne highway on Morris grade.

TEHAMA COUNTY, Cal.—Until July 3, 10 A. M., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Roads, 461 Market St., San Francisco, to grade and const. drainage structures for Sta. 184 plus 34 to 90 plus 14 on Sect. A of Mt. Lassen Nat'l. Forest Highway Route No. 71, 5.99 mi. in length, involc. 33 acres clearing; 69,000 cu. yds. excavation for structures; 12,300 sta. yds. overhaul; 86 cu. yds. "A" conc.; 53 cu. yds. "B" conc.; 9700 lbs. reinf. steel; 1870 lin. ft. corr. metal pipe, haul and place. Plans obtainable from Dist. Eng. at above address.

SAN LUIS OBISPO, Cal.—Joint Highway District has been tentatively formed by supervisors of King, Kern and San Luis Obispo counties, for the const. of a road from southern San Joaquin Valley to the Coast, via the Stratford-Cholame cutoff. R. M. Morton, former state highway engineer, will be commissioned to make surveys and prepare estimates of cost.

OAKLAND, Cal.—Heafey-Moore Co., 344 High St., Oakland, awarded cont. by city to sewer Stanley Ave., bet. Oliver and Jones Aves., involc. 8-in. pipe \$1.17; manhole, \$73; lamphole, 12-in., \$23; lamphole, 8-in. \$17.50; wye branch, \$1.

SANTA ROSA, Sonoma Co., Cal.—Sebastopol Chamber of Commerce will recommend to county supervisors a long term program of permanent highway construction throughout the county. It is recommended that provision be made for an \$8,000,000 expenditure during the next ten years.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. portion of Central Ave. and Railroad Ave. in Sup. Dist. 4. Spec. obtainable from clerk on payment of \$1. Robt. Chandler, county surveyor.

BENICIA, Solano Co., Cal.—Bids will be asked within the next few days by Constructing Quartermaster, Fort Mason, San Francisco, to repair additional roads at Benicia Arsenal; est. cost, \$6000.

MODESTO, Stanislaus Co., Cal.—City Engineer Frank J. Rossi completing plans for municipal swimming pool. Funds will probably be provided in the 1923-24 budget to finance construction. Location is yet to be selected.

SAN RAFAEL, Marin Co., Cal.—Jas. Currie, 1100 Peninsula Ave., Burlingame, at \$2,981.50 awarded cont. by county to grade 0.5-mi. of Black Canyon Road from Pt. Reyes-Millerton Road, east ½-mile, involc. 5,000 cu. yds. excavation without classification; 100 sta. yds. overhaul; 246 lin. ft. 12-in., 36 lin. ft. 18-in. corr. metal pipe. (County will furnish corr. metal pipe. Other bids: Cuffe and White, San Rafael, \$3,472; Grover Handerklin, San Rafael, \$3,984; W. C. Healy, Monte Rio, \$4,018; Tieslau Bros., Berkeley, \$4,096. Eng. est. \$2,152.

OAKLAND, Cal.—California Construction Co., Standard Oil Bldg., Oakland, at \$34,219 awarded cont. by county to imp. Harrison St., from 6th St. southerly. Other bids: Oakland Paving Co., \$34,219; Heafey-Moore Co., \$34,900; Warren Construction Co., \$36,400.

EL DORADO COUNTY, Cal.—Until July 10, 10 A. M., bids will be rec. by C. H. Sweetser, dist. eng., U. S. Bureau of Public Roads, 461 Market St., San Francisco, to grade and const. drainage structures from Sta. 0-plus-00 to Sta. 220 plus 28 on Strawberry-Phillips section of Route 22, Placerville-Lake Tahoe National Forest Highway, in El Dorado Nat'l. Forest, El Dorado county, 4,207 miles in length, involc. 27.89 acres clearing; 102,765 cu. yds. unclassified excavation; 532 cu. yds. excavation for structures; 146,933 sta. yds. overhaul; 4,207 mi. finish earth graded roads; 40.85 cu. yds. class A conc.; 40.19 cu. yds. class B conc.; 46 cu. yds. D conc. 7,390 lbs. reinf. steel; 110 cu. yds. cem. rubble masonry; 1,784 lin. ft. C.M.P. (haul and place); 495 cu. yds. hand laid rock embankment. Plans obtainable from Dist. Eng. on deposit of \$10, returnable.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by city to imp. Morrison Ave., bet. The Alameda and San Fernando Sts., and bet. San Fernando St. and Park Ave., involc. grade; 1½-in. asph. conc. surf., 2½-in. asph. conc. base pavement; hyd. conc. curb; cem. conc. walks; conc. gutters; 4-in. sewer laterals.

WATSONVILLE, Santa Cruz Co., Cal.—City declares inten. (1875) to imp. Locust St., bet. 2nd and 1st Sts., involc. grade; macadamizing and oiling; conc. curbs and gutters. M. M. Swisher, city clerk. H. B. Kitchen, city engineer.

MONTEREY, Monterey Co., Cal.—City declares inten. (2727) to imp. Church St., bet. Abrego and Cortes Sts., and Cortes St., bet. Fremont and Church Sts., involc. grade; 6-in. conc. pave with 8-in. center; conc. curb; 1 s. w. crossing. 1911 Act, Bond Act 1915. Protests July 3. Clyde A. Dorsey, city clerk. H. B. Severance, city engineer.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by city to imp. Clinton

Ave. bet. Wilson and Van Ness Blvd. and Fern Ave., bet. Linden Ave. and Wisho Ave., involc. grade, 3.7c sq. ft.; 3¼-in. asph. conc. base, 1½-in. Warrentite surf. face pave, 21c sq. ft.; conc. curb, 50 lin. ft.; conc. gutters, 35c lin. ft.; corr. metal culverts, 12-in. \$5; 18-in. do. \$5.75 manholes, \$25 ea.; sidewalks, 18c sq. ft.

OAKLAND, Cal.—Immel & Seidel, 103 Evelyn Ave., Berkeley, at \$8668 awarded cont. by county for 440,000 sq. ft. of surfacing on Beck Rd. and a \$2955 for 150,000 sq. ft. oil surfacing on Bernal Rd.

PALO ALTO, Santa Clara Co., Cal.—Until June 28, 8 P. M., bids will be rec. by E. L. Beach, city clerk, (665) to imp. portions of Channing Ave., Guinda St. and Lincoln Ave., involc. 2,435 cu. yds. rough grading; 159,770 sq. ft. finish grading; 145,950 sq. ft. 6-in. conc. pave; 2,395 lin. ft. conc. curb; 1,140 sq. ft. conc. sidewalk corners; 9,126 sq. ft. cem. walks; 1 driveways; 23 sewer and 23 water connections. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. J. F. Exbee, Jr., city engineer.

UKIAH, Mendocino Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at \$23,023.42 awarded cont. by city to const. sewer system with outfall. Other bids: Geo. C. DeGolyer, Oakland, \$25,817; H. Gould, Sacramento, \$26,298; M. B. McGowan, San Francisco, \$26,811; Robert B. McNair, Oakland, \$27,091; M. Bevanda Stockton, \$28,500; Fredrickson & Watson, Oakland, \$30,883; R. J. Gibson Bakersfield, \$32,461; L. L. Page, Richmond, \$38,972.

OAKLAND, Cal.—City declares inten. to imp. 62nd Ave. bet. Camden St. and Foothill Blvd., and portion of Brann St. adjacent to 62nd Ave., involc. grade; curbs; gutters; pave; walks; conc. culvert; conc. end wall; conc. manhole; conduit; sewer. 1911 Act. Protests July 5. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

SAN FRANCISCO.—Bureau of Engineering, Department of Public Works, completes spec. to imp. Moraga St. bet. 45th and 46th Aves.; estimated cost, \$5,200, involc. 4,100 cu. yds. cut; 180 cu. yds. fill; 94 lin. ft. conc. curb; 3 br. catchbasins; 105 lin. ft. 10-in. ironstone pipe culvert; 660 sq. ft. art. stone sidewalks; 40 lin. ft. 8-in., 35 lin. ft. 15-in., and 275 lin. ft. 18-in. I. S. P. sewer; 14 Y branches on 18-in. I. S. P. sewer; 12 side sewers; 4,893 sq. ft. of asph. conc. pave. consisting of 6-in. conc. foundation and 1½-in. surface.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to sewer Brookside Place, east of Broadway and in portion of Brookside Ave. adjacent to Brookside Pl., including manhole, lamphole, drop-connection and wye branches. 1911 Act. Cert. check 10% payable to city req. Geo. N. Randle, city eng.

SACRAMENTO, Cal.—Until June 28, 5 P. M., (to be opened 8 P. M.), bids will be received by H. G. Denton, city clerk, (2245) to imp. 43rd St. bet. R and T Sts., involc. conc. curb, gutter; c. i. drains; vit. sewers; conc. manhole; repair manhole; asph. conc. pave. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Samuel J. Hart, city engineer.

SACRAMENTO, Cal.—Until June 28, 5 P. M., (to be opened 8 P. M.), bids will be received by H. G. Denton, city clerk, (2245) to imp. 36th St. from 9th Ave. to pt. 825 ft. south, involc. vit. sewer; conc. manholes; asph. conc. pave. with seal coat. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Samuel J. Hart, city eng.

ST. HELENA, Napa Co., Cal.—Western Paving Co., Call Bldg., San Francisco, at \$19,485 awarded cont. by city to imp. various Sts., involc. 5-in. cem. conc. pave, curbs, sewers and water main extensions.

SALINAS, Monterey Co., Cal.—Bids will be asked a once by county to be opened probably July 3, to imp. road from Gonzales to Salinas river. Howard Cozzens, county surveyor.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

SAN RAFAEL, Marin Co., Cal.—Crescent Grading Co., 2528 Taraval St., San Francisco, at \$14,817.50 sub. low bid to county to grade and rock surface 2.7 mi. of Hicks Valley to foot of Wilson Hill, west side, involv. 20,000 cu. yds. excavation without classification; 5000 sta. yds. overhaul; 700 lin. ft. 12-in., 120 lin. ft. 18-in., 110 lin. ft. 24-in., 180 lin. ft. 48-in. corr. metal pipe; 25 cu. yds. A. cem. conc. (headwalls); 1000 lbs. reinf. steel; 3000 cu. yds. gravel or broken stone; 100 lin. ft. drain tile. County will furnish corr. metal pipe. Other bids, all taken under advisement until July 2, are: Tieslau Bros., \$19,524; Jas. Currie, \$20,129 W. C. Haley, \$20,470; H. C. Baker, San Jose, \$21,088; Chas. Chittenden, Napa, \$22,355; Cuffe & White, \$22,695; J. P. Holland, Inc., \$27,235. Eng. est., \$18,152.

SAN RAFAEL, Marin Co., Cal.—Crescent Grading Co., 2528 Taraval St., San Francisco, at \$10,218 sub. low bid to county to grade 3.0 mi. from foot of Wilson Hill, west side, west on Salmon Creek Road, involv. 19,500 cu. yds. excavation without classification; 5000 sta. yds. overhaul; 1000 lin. ft. 12-in., 26 lin. ft. 15-in., 100 lin. ft. 18-in., 126 lin. ft. 24-in., 40 lin. ft. 36-in. and 74 lin. ft. 48-in. corr. metal pipe; 27 cu. yds. A. cem. conc. (headwalls); 1000 lbs. reinf. steel. County will furnish corr. metal pipe. Other bids, all under advisement until July 2, were: Jas. Currie, Burlingame, \$12,409; Tieslau Bros., Berkeley, \$13,014; Cuffe & White, San Rafael, \$16,294; J. P. Holland, San Francisco, \$16,432; J. F. Baker, \$18,887; eng. est., \$13,233.

QUINCY, Plumas Co., Cal.—Heafey-Moore Co., 344 High St., Oakland, awarded contract by county to imp. Sts. in town of Portola, involv. 67,500 sq. ft. grade, .045 sq. ft.; 2850 lin. ft. conc. curb, \$1; 67,500 sq. ft. 5-in. conc. pave, .27 sq. ft.

TAFT, Kern Co., Cal.—Until June 26, 2 P. M., bids will be rec. by H. R. Kanode, clerk, Conley School District, to const. sidewalks, tennis courts, retaining walls and appurtenances and fencing at school grounds. Cert. check 10% payable to Board of Trustees of Dist. req. with bid. Plans obtainable from engineer, Room 1, Hippodrome Bldg., Taft, on deposit of \$5, returnable.

DEL NORTE COUNTY, Cal.—J. M. De Lucca, 638 Trestle Glen, Oakland, at \$164,407 sub. low bid to U. S. Bur. Pub. Roads, San Francisco, for imps. and protection work on portions of Sec. A bet. Sta. 235 plus 50 and Sta. 446 plus 50 and portions of Sec. C, bet. Sta. 3 plus 00 and Sta. 682 plus 73 on Route 1, Crescent City Nat'l. Forest Highway, 2.76-mi. in length, involv. 93,704 cu. yds. excavation, unclassified; 2,974 cu. yds. excavation, unclassified, for structures; 4,188 cu. yds. remove existing embankment; 51,708 sta. yds. overhaul; 2.76-mi. finish earth graded roads; 181.13 cu. yds. A. cem., etc. Engineer's estimate \$164,407. Other bids, all taken under advisement, were:

Von Der Hellen, Persson and Logan, Medford, Ore., \$162,526; Englehart Paving Const. Co., Eureka, \$170,754; Kern and Klube, Portland, Ore., \$171,697; Holdener Const. Co. and G. E. Finnell, Sacramento, \$176,651; Chas. T. Parker and Schram, Portland, Ore., \$177,044; Jasper-Stacey Co., San Francisco, \$179,695; Ward Engineering Co., San Francisco, \$185,378; Malcolm T. Taylor, Walnut Creek, \$191,499; Guy F. Pyle, Washburn and Hall, Eugene, Ore., \$191,856; W. H. Hauser, Oakland, \$195,630.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4249) to imp. Santa Clara St. bet. 1st and 5th Sts., involv. removal of basalt block gutters and replace with cem. conc. gutters; remove portions of present pavement and replace with 2-in. asph. conc. surface. 1911 Act. Protests July 9. John J. Lynch, city clerk. Wm. Popp, city eng.

WELLS, Nevada.—Mullins and Wheeler Salt Lake City, Utah, at \$31,920 awarded cont. by city to dig ditches in connection with new sewer and water system, also for the laying of piping. Other bids were: Wheelright, \$22,580; Bagg & McNeill, \$32,605; Enock Smith, \$32,900; Ora Bundy, \$33,081.

REDWOOD CITY, San Mateo Co., Cal.—City petitioned to pave with conc.

Beech St. bet. El Camino Real and Stambaugh St., and Minnie St. bet. Broadway and James; and George St. bet. Minnie and El Camino Real; also an alley in the Perry Tract. Taken under advisement. C. L. Dimmitt, city eng.

SALINAS, Monterey Co., Cal.—Until July 2, 7:30 P. M. bids will be rec. by M. R. Keef, city clerk, (72) to imp. portions of Lang St., involv. grade; hyd. conc. curb; 5-in. hyd. conc. pave; hyd. conc. walks. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans obtainable from Howard Cozens, city eng.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozens preparing estimates of cost to imp. Lighthouse Reservation road at Pacific Grove.

CENTERVILLE, Alameda Co., Cal.—Local business men seek to pave with conc. balance of Main street. County has agreed to pave 6 feet on both sides if property owners will finance balance; estimated cost \$25,000.

WOODLAND, Yolo Co., Cal.—Special meeting of city trustees will be called shortly to consider proposal to install more adequate sewer system. A bond issue to finance the work is contemplated. Asa G. Proctor, city eng.

REDWOOD CITY, San Mateo Co., Cal.—Peninsula Paving Co., Standard Oil Bldg., San Francisco, at \$57,887 awarded cont. by city to imp. Hazel Ave. from El Camino Real to Locust St. etc., involv. pave, 2½-in. and 3½-in. asph. conc. with 1½-in. Warrenite-Bit. surf. comb. conc. curbs and gutters, conc. sidewalks, 8-in. vit. salt glazed pipe storm sewers, etc.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. to imp. Hudson St. bet. Roosevelt and Oaks Aves., and Adams St. bet. Lincoln and Madison Aves., involv. asph. conc. pave.

NAPA, Napa Co., Cal.—City Eng. A. J. Harold preparing spec. for conc. pavement in Soscol Ave. from Southern Pacific R. R. crossing to 3rd St. New water mains will also be installed.

SAN LUIS OBISPO COUNTY, Cal.—Following bids rec. June 20 by State Highway Comm., to grade and pave with Port. cem. conc. and waterbound macadam 1.0 mi. three miles south of San Luis Obispo:
J. S. Knapp, Stockton, \$56,180
Cornwall Const. Co., Santa Barbara, \$57,947
Eng. estimate, \$48,759.

SAN FRANCISCO—J. M. Ducray, 3901 22nd St., at \$7279.84 sub. low bid to Bd. of Pub. Wks. to imp. Moraga St. bet. 46th and 47th Aves., involv. grade; conc. curb; art. stone walks; br. catchbasins; ironstone sewers; side sewers; asph. conc. pave. Municipal Const. Co. next low at \$7576.

SAN FRANCISCO—Municipal Construction Co., Call Bldg., at \$24,741 sub. low bid to Bd. Pub. Wws. to imp. Santiago St. bet. 33rd and 34th and 38th and 41st Aves., involv. grade; art. stone walks; catchbasins; asph. conc. pave. Next three low were: California Constr. Co., \$32,539; Federal Constr. Co., \$33,431; A. J. Raisch, \$34,078.

BERKELEY, Alameda Co., Cal.—Until July 10, 10 A. M., bids will be rec. by Emma M. Hann, city clerk, (624) to imp. Eola St., bet. Francisco and Virginia Sts.; involv. grade; pave; curbs; gutters; walks; lateral sewers. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Geo. C. DeGolyer, Federal Telegraph Bldg., Oakland, at \$1,289.50 sub. low bid to city to imp. Woodrow Ave. bet. Felton Ave. and Cliff Drive and Cliff Dr. bet. Woodrow Ave. and Columbia St., involv. vit. clay pipe main san. sewer with wyes; br. manholes. Granite Const. Co., Watsonville, only other bidder at \$1498.80, referred to City Eng. Roy Fowler for report.

SAN FRANCISCO—Until July 11, 3 P. M. (date advanced from June 20), bids will be rec. by Board of Public Works to imp. Great Highway, bet. Lincoln Way and Sloat Blvd., estimated cost \$155,000. Project involves 1546 cu. yds. class B conc.; 2500 lbs. conc. for underpasses; 38,000 lbs. bar reinf. steel in underpasses; light fixtures, conduits, switches and all appurtenances; 933,000 sq. ft. surface oil waterbound macadam, including grading; 120 tons asph. binder; 42,225 lin. ft. 2x8-in. r.w. header; 3300 cu. yds. graded crushed rock and gravel; 24,820 lin. ft. 6-in. open tile drain; 16,800 lin. ft. 4-in. open tile drain; 4900 lin. ft. 10-in. ironstone pipe culvert; 64 10x6-in. wyes on 10-in. I. S. P. drain; 64 6-in. S. T. 's on 6-in. open tile drain; 128 6x4-in. I. S. P. reducers on 6-in. open tile drain; 17 br. catchbasins; 92.5 lin. ft. 24-in. and 60 lin. ft. 28-in. ironstone pipe; 1 reinf. conc. spillway; 1 br. manhole; 170 lin. ft. armored concrete curb; 400 board feet Merchantable r. w. for board walk; 4500 board ft. selected common Douglas fir for board walk; 6600 lin. ft. existing board-walk to be removed and relocated; 10,850 lin. ft. 1½-in. street lighting conduit. Plans obtainable from Bureau of Engineering, 3rd Floor, City Hall.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. old San Jose and Los Gatos Rd. in Sup. Dist. No. 4. Plans obtainable from clerk on payment of \$1. Robt. Chandler, county surveyor.

OAKLAND, Cal.—City declares inten. to imp. 82nd Ave., bet. Olive St. and Foothill Blvd., and portions of Atherton, Iris, Idlewood Sts., and Foothill Blvd., adjacent to 88nd Ave., involv. grade; pave; curbs; gutters; walks; corr. iron and conc. culverts; storm water inlets; conduit. 1911 Act. Protests July 5. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer.

RED BLUFF, Tehama Co., Cal.—Tehama county supervisors have voted to join the Siskiyou, Shasta and Tehama Joint Highway District whose purpose it is to const. an \$800,000 road from Weed in Siskiyou county to the Oregon-California State line near Dorris, below Klamath Falls.

STOCKTON, San Joaquin Co., Cal.—George French Jr., at \$7700 awarded cont. by county to imp. Curry Road.

MARTINEZ, Contra Costa Co., Cal.—Y. B. Lee at \$6299.35 awarded cont. by county to const. roadway from Crockett to Cowell, Division 47, County Highway System, involv. 1278 tons base rock; 682 tons top rock and screenings; 50½ tons asph.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler completes spec. to imp. Cedar St., involv. conc. pave; sidewalks and sewers.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Roy Fowler preparing spec. to imp. alley bet. Riverside Ave. and Raymond St., property owners having petitioned for the work.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. for 900 sq. ft. asph. conc. surface pavement in Thornton St. bet. Diana and Neptune Sts., (where not already in place). Est. cost, \$225.

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, completes spec. to imp. Girard St. bet. Ward and Mansell Sts., and Mansell St. bet. Girard and San Bruno Aves.; Est. cost \$30,000. Project involves: 11,720 cu. yds. cut; 994 cu. yds. fill; 2,236 lin. ft. conc. curb; 430 lin. ft. 8-in., 520 lin. ft. 12-in. and 300 lin. ft. 15-in. I. S. P. sewer; 27 15-in., 32 12-in., and 8 8-in. wye branches; 935 lin. ft. 6-in. I. S. P. side sewers; 7 br. manholes; 6 br. catchbasins; 163 lin. ft. 10-in. ironstone pipe culvert; 13,335 sq. ft. art. stone walks; 24,786 sq. ft. conc. pave; 15,086 sq. ft. asph. conc. pave., (6-in. conc. base, 1½-in. asph. conc. surface).

SAN RAFAEL, Marin Co., Cal.—City Eng. Herbert K. Brainerd has completed estimates of cost for proposed outfall sewer and pumping plan. Costs are summarized as follows:

Pumping System. Building, including pile foundations, substructures and superstructures, \$11,000; mechanical equipment, \$15,500; 18-in. discharge pressure line—556 cu. yds. excav., includ. backfill and removal of surplus material, \$1.75 cu. yd., \$973; 1419 lin. ft. of 18-in. centrifugally cast reinf. conc. pipe, \$2.41 lin. ft., \$3420; 21-in. discharge pressure line—556 cu. yds. excav., includ. backfill and removal of surplus material, \$1.75 cu. yd., \$973; 1564 cu. yds. excav., includ. backfill and removal of surplus material, 606 cu. yd., \$938; 1409 lin. ft. 21-in. centrifugally cast reinf. conc. pipe, cradled, \$3.10 lin. ft., \$4368; 5357 lin. ft. 21-in. centrifugally cast reinf. concrete pipe, uncradled, \$2.80 lin. ft., \$15,000; pile trestle at San Rafael Creek, \$681; end wall at outfall, \$25.

Gravity sewer system: 30-in. centrifugally cast reinf. conc. pipe, 045 lin. ft., \$3.85, \$36.38; 775 cu. yds. excav. including backfill and removal of surplus material, \$1.75, \$1357; 21-in. centrifugally cast reinf. conc. pipe, \$2.30, \$1560; 394 cu. yds. excav. includ. backfill and removal of surplus material, \$1.85, \$729; replacing macadam, Irwin St. westerly, \$210; replacing sidewalk, \$120; 6 manholes at \$100 \$600; piling at Mahon Creek, \$300; remove old sewer and backfill, \$6800; replace macadam Irwin St. easterly, \$2100; driveway entrance, bridge protection, over sewer, 122 lin. ft. at \$1.75, \$210; total, \$70,502; engineering, advertising, etc., 6 per cent \$4230, \$74,732; plus 5 per cent financing, \$3737, \$78,469.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. Columbian Dr. bet. Mountain Blvd. and Greenly Dr., portions of Circle Dr., Valentine St., etc., involv. grade; curbs; gutters; pave; walks; storm water drain; corr. iron pipe conduit; storm water drainage system. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of Broadway, Patton St., Broadway Extension and Brookside Place, involv. grade; curbs; gutters; walks; pave; retaining walls; sewers, etc. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. 24th St. from Market St. to pt. 18-ft. west of Adeline St., involv. grade; curbs; pave; catchbasins; conduits; manholes; sewers. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portion of 73rd Ave., involv. grade; curbs; gutters; pave; walks; corr. iron culverts; corr. iron and conc. culverts; conduit, etc. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to sewer 5th St. bet. Grove and Jefferson Sts., includ. manhole, lamp hole and wye branches. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city clerk.

NILES, Alameda Co., Cal.—Niles Sanitary District having plans prepared for extension to Niles sewer mains to serve sections of district not now served. Will be financed by 2-cent tax.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz, at \$2,464.35 sub. low bid to city (415-C) to imp. portions of Main St., involv. 5-in. conc. pave., conc. walks and curbs. Thompson Bros., \$2859.60, and Granite Construction Co., \$2964.20.

VALLEJO, Solano Co., Cal.—Until June 22, 11 A. M., bids will be rec. by Alf. E. Edgumbe, city clerk, (147) to imp. Quincy alley bet. Napa St. and El Dorado St., involv. grade; r. w. curbs; 5-in. conc. pave. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. T. D. Kilkenny, city eng.

RICHMOND, Contra Costa Co., Cal.—City council will start proceedings at once to widen and imp. 10th St. bet. Macdonald Ave. south to Santa Fe tracks. E. A. Hoffman, city eng.

RICHMOND, Contra Costa Co., Cal.—Peres Bros., Richmond, at \$20,671 awarded cont. by city, (545) to imp. Key Blvd., bet. Nevin and Macdonald Aves., etc., involv. grade; 4-in. broken rock cushion with 4-in. cem. conc. pave. and asph. and broken rock surface; cem. conc. curb, gutters, walks, catchbasins, etc., corr. iron culverts; vit. sewers. (Some portions to be paved with 6-in. and 8-in. Richmond Stand. macadam).

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 25, 9 A. M., bids will be rec. by S. A. Evans, city clerk, (418-C) to imp. Santa Cruz St., bet. Laguna and Columbia Sts., involv. vit. clay pipe main san. sewer with wye branches and san. sewer manholes. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Roy Fowler, city engineer.

RED BLUFF, Tehama Co., Cal.—County supervisors agree to provide \$25,000 to match with \$100,000 to be provided by the U. S. Government (Forest Service) to imp. SW entrance to Lassen Volcanic National Park in Tehama county.

SOLANO COUNTY, Cal.—Following bids rec. June 12 by State Highway Commission to grade and surface with oil treated crushed gravel or stone, 3.1-mile bet. Cordelia and Rockville:

Larsen Bros., Sonoma.....	\$62,704
D. McDonald, Sacramento.....	70,874
Tieslau Bros., Berkeley.....	72,698
A. Teichert & Son, Sacramento.....	73,850
W. J. Taylor, Palo Alto.....	78,280
Kaiser Paving Co.,.....	79,908
J. B. Galbraith, Petaluma.....	80,212
Force, Corrigan & McLeod, Oakland.....	83,091
J. P. Holland, San Francisco.....	85,914
J. E. Johnson, Stockton.....	87,312
Pacific States Const. Co., S. F.....	88,517
G. E. Finnell, Sacramento.....	88,660
Engineer's estimate.....	78,113

ORANGE COUNTY, Cal.—Until July 10, 11 A. M., bids will be rec. by State Highway Comm., 1111 Sun Finance Bldg., Los Angeles, to grade and pave with Portland cem. conc. 0.8-mi. from Anaheim to Pulleton. See call for bids under official proposal section in this issue.

VALLEJO, Solano Co., Cal.—J. E. Johnston, E and Weber Sts., Stockton, at \$7368.98 awarded cont. by city, (141) to imp. Alabama St., bet. Napa Rd. and Monterey St., involv. grade; comb. conc. curb and gutter; house lateral sewers; storm water drain and inlets; 3-in. asph. conc. base, 2-in. asph. conc. surface pavement.



SISALKRAFT

"More than a building paper"

Send for Samples and Prices

DISTRIBUTORS

Strable Hardwood Co.
Oakland

San Joaquin Lumber Co.
Stockton

Borchers Bros.
San Jose

Sisalkraft Western Corporation
1640 - 18th St. 1008 West 6th St.
Oakland Los Angeles

OAKLAND, Cal.—City declares inten. to imp. Vale Ave., bet. Harbor View and Tompkins Aves. and Harbor View Ave. from Vale Ave., n. w., involv. grade; curbs; gutters; pave; walks. 1911 Act. Protests June 28. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

EUREKA, Humboldt Co., Cal.—Chas. L. Lambert, Eureka, at \$3440 sub. low bid to county to const. Lone Star-Gap Rd. Other bids, all under advisement, are: Smith Bros. Co., Eureka, \$5451; Manson Moore, Eureka, \$8500; H. C. Anderson. Eureka, \$11,950.

MARTINEZ, Contra Costa Co., Cal.—Hutchinson Co., Great Western Power Bldg., Oakland, awarded private cont. by R. A. Andrews, developer of La Salle Heights Tract, for 6-in. oil macadam pavement in Robinson St. from Pacheco to Alhambra creeks and Pine St. bet. Arriba and point 100 ft. south of Robinson St.

OAKLAND, Cal.—City declares inten. to imp. portions of Excelsior Ave., Hopkins St., Beacon St., Wesley Ave., Hadkinson Rd., Hillgirt Circle, Barbara Rd., Athol Ave., Montclair Ave., Spruce St., Capell St., Alma Ave., and Park Blvd., involv. grade; curbs; pave; storm water inlet and conduit; corr. iron and conc. culverts; storm water drains. 1911 Act. City will pay \$45,000 of cost from City Treasury. 1911 Act. Protests June 28. Frank C. Merritt, city clerk. Geo. N. Randle, city engineer

SACRAMENTO, Cal.—Bids will be asked at once by H. G. Denton, city clerk, to install 20 ft. of 60-in. corr. iron pipe to be jacked through levee at 19th and B Sts., and through west bow levee of Sacramento-Northern R. R. and to fur. and install 2965 ft. 24-in. riveted steel pipe from alley bet. A and B Sts., on 18th to 19th and H Sts. Est. cost \$33,000. Plans on file in office of clerk. Samuel Hart, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4248) to imp. 9th St., bet. Keyes St., and south termination of 9th St., involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. base pave; conc. curb, gutter; cem. conc. walks; 4-in. vit. pipe house sewer laterals; 8-in. vit. san. sewer; conc. storm water inlet. 1911 Act. Bond Act 1915. Protests July 2. John J. Lynch, city clerk. Wm. Popp, city engineer.

ALAMEDA, Alameda Co., Cal.—City declares inten. (\$86) to imp. Sts. in Aeq. and Imp. Dist. No.1, Webster St., involv. 1154 cu. yds. fill; 4206 lin. ft. conc. curb; 4256 sq. ft. conc. gutter; 12,940 sq. ft. walks; 128,480 sq. ft. 1½-in. asph. surface; 2243 tons asph. base; 1255 cu. yds. waterbound macadam filler; 4322 lin. ft. 12-in. and 180 lin. ft. 8-in. vit. pipe; 12 catchbasins; 14 manholes, 1925 Act. City will pay \$2550 of cost from Treasury. Protests July 3. Wm. J. Locke, city clerk. Burnett Hamilton, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until June 25, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4169) to imp. Atlanta St. bet. Delmas and Prevost Sts., and Spencer Ave., bet. Atlanta and Willow Sts., involv. grade; 1½-in. asph. conc. surface; 2½-in. asph. conc. base pave; hyd. conc. curb, gutter, walks; hyd. conc. storm water inlet; 8-in. vit. pipe drains; 4-in. vit., 4-in. c. i. pipe lateral sewers. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Wm. Pipp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Prenitts Paving Co., 5th and Keyes Sts., San Jose, awarded cont. by city to imp. portions of Montgomery St. and St. Augustine St., involv. grade; 2-in. asph. conc. surface pave, 3½-in. asph. conc. base; conc. curb, gutters, walks; 6-in. vit. san. sewer; br. manhole; vit. pipe house laterals.

OAKLAND, Cal.—Until June 28, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portion of Krause Ave., involv. grade; curbs; pave; walks. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city eng.

SUSANVILLE, Lassen Co., Cal.—Western Paving Co., Cal. Bldg., San Francisco, at \$23,459.74 awarded cont. by city to const. 26,233.8 lin. ft. sidewalks and 1230 ft. curbs and gutters.

Official Proposals

ADVERTISEMENT

Sealed bids, in triplicate, subject to the conditions contained herein, will be received until 11 A. M., July 17, 1928, and then publicly opened for furnishing all labor and materials and performing all work for Construction of Additional Buildings and Utilities, including roads, walks, and drainage at U. S. Veterans' Hospital, Tucson, Arizona. This work will include excavating, reinforced concrete construction, hollow tile, gypsum blocks, brickwork, cast stone, marble work, floor and wall tile, iron work, steel sash, steel stairs with slate treads, tile, metal and built-up roofing, roof ventilators, metal lathing, plastering, carpentry, insect screens, awnings, painting, glazing, hardware, plumbing, heating and electrical work. Bids will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making award, the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 764, Arlington Building, Washington, D. C. Deposit with application of a check or postal money order for \$50,000 payable to the TREASURER OF THE UNITED STATES is required as security for safe return of the drawings and specifications within ten days after date of opening bids.

FRANK T. HINES,
Director.
June 15, 1928.

June 16-18-19.

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, 1111 Sun Finance Building, Los Angeles, California, until 11 A. M. on July 10, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway as follows:

Orange county, from Anaheim to Fullerton (VII-Or-2-E), about eight-tenths (0.8) mile in length to be graded and paved with Portland cement concrete.

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M. on July 11, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway as follows:

Placer County, at Bowman (III-Pla-37-A) the two following overhead crossings:

Station 109+92, a reinforced concrete girder bridge consisting of one 46'-6" span and two 39'-9" spans on concrete piers and abutments with wing walls.

Station 114+65, a reinforced concrete girder bridge consisting of one 45'-6 1/2" span, one 38'-0" span and one 28'-6" span on concrete piers and abutments with wing walls.

Imperial County, (VIII-Imp-27-B), an undergrade crossing under the tracks of the Inter-California Railroad near Araz Junction, consisting of two concrete abutments with wing walls, a timber bridge near said crossing consisting of three 19-foot spans on creosoted pile bents and bulkheads with wings, grading and surfacing about 1/2 mile of roadway with oil treated crushed gravel or stone.

Plans may be seen, and forms of pro-

posal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full directions as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS.

C. H. PURCELL,
State Highway Engineer.

Dated: June 13, 1928.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, California, at or before 11:00 A. M., Friday, June 29, 1928, for the construction of a Laboratory Building at the Deciduous Fruit Experiment Station located on the Woman's Relief Corps Home Site near San Jose, Santa Clara County, California.

Drawings and Specifications may be obtained from Room 218 California Hall upon a deposit of \$25.00 for each set of Drawings and Specifications. Deposit will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bids will be considered unless accompanied by a certified check or bid bond of an acceptable Surety Company in favor of the undersigned, equal to ten per cent of the bid to secure the execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Fort Bragg Union High School District—
Junior High School)

Notice is hereby given by the Board of Trustees of the Fort Bragg Union High School District that bids will be received by said Board of Trustees for the erection and construction of a new Junior High School Building at Fort Bragg, Mendocino County, California. Plans and specifications may be obtained from the Clerk of the Board at Fort Bragg, or from Norman R. Coulter, the architect, at 46 Kearny St., San Francisco, California. A deposit of ten dollars (\$10) will be required for each set of plans. All bids will be opened by the said Board of Trustees at 1 o'clock P. M., on the 28th day of June, 1928, at the office of the present high school building. All bids must be delivered to M. D. Gray, Clerk of said Board, before that hour enclosed in sealed envelope and marked on the outside "Bids for construction of new Junior High School Building at Fort Bragg, Mendocino County, California." All bids must be accompanied by a certified check, cash, certificate of deposit, or Surety Company bid bond, equal to ten per cent of the amount bid—to be made payable to the Board of Trustees and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted upon his entering into a contract with the said School District and giving such bond as may be required by law and said Board. The Board of Trustees reserve the right to reject any and all bids.

M. D. GRAY,
Clerk, Board of Trustees, Fort Bragg Union High School District, Fort Bragg, Mendocino County, Calif.

NOTICE TO CONTRACTORS

(Gymnasium — Courtland Union High School District)

Notice is hereby given that the Board of Trustees of the Courtland Joint Union High School District will receive sealed bids at the office of the Clerk of said Board at the Courtland Joint Union High School Building at Courtland, California, for the construction of a gymnasium, in accordance with the plans and specifications approved by the Board of Trustees of said school district.

Said bids to be received up to 1 o'clock P. M. on the 30th day of June, 1928. Each bidder must submit a proposal to the clerk of said Board on standard forms, which may be obtained from the office of the architects for said district, said proposal to be accompanied by certified check for ten (10%) per cent of the amount of bids submitted, check to be made payable to the Courtland Joint Union High School District.

Plans and specifications are now on file in the office of Coffman-Sahlgren-Stafford, architects for said district, at Room No. 602, Plaza Bldg., Sacramento, Calif., to whom all prospective bidders are hereto referred.

The Board of Trustees reserves the right to reject any and all bids received. By order of the Board of Trustees of the Courtland Joint Union High School District.

Dated June 15th, 1928.

S. MERCER RYNNON,
Secretary of the Board of Trustees of the Courtland Joint Union High School District.

NOTICE TO CONTRACTORS

(Elementary School—Fort Bragg Union School District)

Notice is hereby given by the Board of Trustees of the Fort Bragg Union School District, that bids will be received by said Board of Trustees for the erection and construction of a new Elementary School at Ocean Site, Fort Bragg Union School District, Mendocino County, California.

Plans and specifications may be obtained from the Clerk of the Board at Fort Bragg, or from Norman R. Coulter, the architect, at 46 Kearny St., San Francisco, California. A deposit of Ten Dollars (\$10) will be required for each set of plans. All bids will be opened by the said Board of Trustees at one o'clock P. M., on the 28th day of June 1928, at the office of the present school building. All bids must be delivered to Wm. G. Burger, Clerk of said Board before that hour, enclosed in sealed envelope and marked on the outside, "Bids for construction of school building at Ocean Site, Fort Bragg Union School District, Mendocino County." All bids must be accompanied by a certified check, cash, certificate of deposit, or surety company bid bond, equal to ten per cent (10%) of the amount bid—to be made payable to the Board of Trustees and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted upon his entering into a contract with the said School District and giving such bonds as may be required by law and said Board. The Board of Trustees reserves the right to reject any and all bids.

WM. G. BURGER,
Clerk of the Board of Trustees, Fort Bragg Union School District, Mendocino County, California.

NOTICE TO CONTRACTORS

(Structures—National Guard Camp—San Luis Obispo).

Bids For Construction.—Office of the United States Property and Disbursing Officer for California, Room 1021, Forum Bldg., Sacramento, Cal. Sealed proposals in triplicate will be received here until 11 A. M., June 27, 1928, and then opened, for furnishing all materials and labor required for construction of rifle range, 2 warehouses and 4 bath houses and latrines at the National Guard Training Camp, San Luis Obispo, Cal. Further information on application.

NOTICE TO CONTRACTORS

(Building Materials—Woodbridge Irrigation District)

Notice is hereby given that sealed proposals for furnishing the material described in the schedules hereinafter set forth, or in any of said schedules, will be received by the Board of Directors of Woodbridge Irrigation District at its office near the corner of Main and Indiana Streets, Woodbridge, California, at any time up to 10:00 o'clock A. M. of Tuesday, July 3, 1928, at which time and place all proposals so received will be opened in public by said Board and a contract or contracts for the purchase of said materials will be awarded to the lowest responsible bidder or bidders, but said Board reserves the right to reject any or all bids. The materials to be furnished are described generally under the following schedules, to-wit:

SCHEDULE NO. 1: One carload (approximately 10,000 board feet) of assorted Redwood lumber.

SCHEDULE NO. 2: One carload (approximately 12,000 board feet of assorted Pine lumber.

SCHEDULE NO. 3: One carload of sand and rock mixed for concrete aggregate.

SCHEDULE NO. 4: Approximately 60 bbls. of Portland cement, to be warehoused in Lodi or Woodbridge to be delivered to the District in such quantities and at such times as may be requested, but all delivery to be made not later than September 1, 1928.

SCHEDULE NO. 5: Approximately 4000 pounds of corrugated square reinforcing steel in assorted sizes.

Said materials are more particularly described in the specification therefor, which may be seen or obtained at the office of said District.

Any bidder may submit a proposal for furnishing the materials described in any or all of said schedules.

A bidder to whom a contract for furnishing any of said materials may be awarded must furnish a bond, as required by law, in the sum of not less than 25% of the amount of the contract price, conditioned for the faithful performance of the contract.

Bids must be on the proposal forms attached to the specifications and must be in sealed envelopes addressed to the Board of Directors of Woodbridge Irriga-

tion District and marked to indicate that each is a proposal for furnishing materials to said District.

Dated, Woodbridge, Cal., June 12, 1928.
OLLA L. STROTHER,
Secretary of Board of Directors, Woodbridge Irrigation District.

NOTICE TO CONTRACTORS

(Road Repairs—Presidio of San Francisco)

Office Constructing Quartermaster, Fort Mason, San Francisco, Calif. Sealed proposals will be received here until 11:00 A. M., June 21, 1928, for repairs to roads at Presidio of San Francisco, Calif. Information upon application.

NOTICE TO BIDDERS

(Roads, Etc.—Benicia Arsenal)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:15 A. M., June 23, 1928, for constructing roads, curbing, sidewalk, etc., at Benicia Arsenal, Calif. Information on application.

NOTICE TO BIDDERS

(Plumbing and Heating Repairs, San Jose, Calif)

Sealed bids will be received by the Board of Education up to 8:00 P. M., Monday, July 2, 1928, for coal and for fuel and distillate oil for the School Department for the school year 1928-1929.

Sealed bids will be received at the same time for plumbing repairs, in the Grant, Hawthorne, Horace Mann, Jefferson, Lincoln, Longfellow, Lowell, Washington and Gardner Schools; and for heating repairs at the Jefferson and Lowell Schools.

Specifications are on file in the office of the City Superintendent of Schools.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.
WALTER L. BACHRODT,
Secretary.

NOTICE TO BIDDERS

(Stucco Front For Garage—Fort Mason)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11:00 A. M., June 23, 1928, for stuccoing front of new garage building at Fort Mason, Calif. Information upon application.

NOTICE TO BIDDERS

(Gymnasium — Modesto Junior College District)

Notice is hereby given that the Board of Education of the Modesto Junior College District will receive sealed proposals to erect and build a Gymnasium Building in accordance with the plans and specifications on file at the office of the Secretary, located in the Capitol School Building, Modesto, California, and also in the office of the Architects, Davis-Pearce Company, Builders' Bldg., Stockton, California. Said proposals will be received up to 1:30 P. M., Monday, July 16th, 1928, at the office of the Board of Education in the Capitol School Building, Modesto, California, and opened immediately thereafter.

All bids to be submitted in accordance with the instructions as outlined in the specifications.

The Board of Education reserves the right to reject any and all bids.

A certified check or bid bond for 10% of the amount of the bid must accompany said bid.

(Signed) R. B. McBRIDE,
President Board of Education, Modesto High School District.

E. D. ABBOTT,
Secretary.

NOTICE TO BIDDERS

(Modesto High School District—Gymnasium)

Notice is hereby given that the Board of Education of the Modesto High School District will receive sealed proposals to erect and build a gymnasium building in accordance with plans and specifications

on file at the office of the Secretary, located in the Capitol School Building, Modesto, California, and also in the office of the Architects, Davis-Pearce Company, Builders' Bldg., Stockton, Calif. Said proposals will be received up to 1:30 P. M., Monday, July 2nd, 1928, at the office of the Board of Education in the Capitol School Building, Modesto, Calif., and opened immediately thereafter.

All bids to be submitted in accordance with the instructions as outlined in the specifications.

The Board of Education reserves the right to reject any and all bids.

A certified check or bid bond for 10% of the amount of the bid must accompany said bid.

(Signed) R. B. McBRIDE,
President Board of Education, Modesto High School District.

E. D. ABBOTT,
Secretary.

NOTICE TO CONTRACTORS

(Heating Plants—Modesto Schools)

Notice is hereby given that the Board of Education of the Modesto School District will receive sealed proposals for heating the John Muir, Franklin, Washington and Lincoln School Buildings in accordance with plans and specifications on file at the office of the Secretary, located in the Capitol School Building, Modesto, California, and also in the office of the Architects, Davis-Pearce Company, Builders' Building, Stockton, California. Said Proposals will be received up to 1:30 P. M., Monday, July 2nd, 1928, at the office of the Board of Education in the Capitol Building, Modesto, California, and opened immediately thereafter.

All bids to be submitted in accordance with the instructions as outlined in the specifications.

The Board of Education reserves the right to reject any and all bids.

A certified check or bid bond for 10 per cent of the amount of the bid must accompany said bid.

(Signed) R. B. MacBRIDE,
President of Board of Education, Modesto School District.

E. D. ABBOTT,
Secretary.

NOTICE TO CONTRACTORS

(Road Repairs—Fort Funston)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif., Sealed Proposals will be received here until 11:00 A. M., June 22, 1928, for road repairs at Fort Funston, California. Information upon application.

NOTICE TO BIDDERS

(Shingle Roofing—Presidio)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 10:30 A. M., June 22, 1928, for roofing with strip shingles two buildings at Presidio of San Francisco, Calif. Information on application.

ELECTRICAL BODY ELECTS

The Pacific Coast Electrical Association in annual convention at Pasadena, attended by more than 800 delegates and representatives, elected Paul M. Downing, manager of the Pacific Gas and Electric Company of San Francisco, president to serve for the ensuing year. Other officers elected were: First vice-president, E. B. Criddle, Southern Sierras Power Company, Riverside; second vice-president, A. M. Frost, commercial manager for the San Joaquin Light and Power Company at Fresno; secretary S. H. Taylor, and R. N. Sutherland, treasurer, the latter two being re-elected.

Long distance gas distribution is making progress in Germany despite opposition against the concentration of gas production in the three centers—the Ruhr, and the Saxonian and the Upper Silesian coal districts. Recently the Province of Hannover (2½ million inhabitants) signed a contract for the supply of gas from the Ruhr, which is 250 to 350 miles distant.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1498	Capraro	Haley	4000
1499	Junior League	Sampson	50000
1500	Gowan	Thulin	1562
1501	Knecht	Sandberg	1800
1502	Morris	Owner	12000
1503	Cassidy	Stevenson	3900
1504	Investment	Cahill	5000
1505	Binford	Standard	4000
1506	Barnsley	Owner	23800
1507	Coleman	Owner	5900
1508	Harder	Owner	14000
1509	Hotaling	McLean	2000
1510	Stern	Owner	4000
1511	Tamm	Owner	1200
1512	Anderson	Owner	3000
1513	Blum	Owner	3000
1514	Costello	Owner	12000
1515	Guilliee	Owner	4000
1516	Samuelson	Owner	4000
1517	Thomas	Owner	2000
1518	Thayer	Coburn	1784
1519	Bank of Italy	Wagner	94000
1520	Andrews	Andrews	4000
1521	Burke	Farquharson	5000
1522	Holmgren	Owner	4000
1523	Same	Same	4000
1524	Same	Same	12000
1525	Kong	Owner	6000
1526	Muchles	Owner	9250
1527	Menconi	Owner	1000
1528	Nelson	Owner	27500
1529	Ross	Owner	3000
1530	Stefani	Ferreri	4500
1531	Wilbe	Owner	7000
1532	Adams	Arnott	6000
1533	Bell	Owner	13500
1534	Leask	Owner	4000
1535	Older	Gilletto	2400
1536	Shehady	Owner	1000

DWELLING
(1498) W TWENTY-FOURTH AVE 250 S California. One-story and basement frame dwelling.
Owner—Mary Capraro, 744 Russ Bldg., San Francisco.
Architect—None.
Contractor—Haley Bros., Russ Bldg., San Francisco. \$4000

DWELLING
(1499) NW WAWONA & THIRTIETH Ave. Two-story and basement brick and concrete dwelling (known as the Junior League House).
Owner—The Junior League of San Francisco, Mark Hopkins Hotel, S. F.
Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.
Contractor—J. S. Sampson Co., Monadnock Bldg., San Francisco. \$50,000

REPAIRS
(1500) NO. 51 AND 53 SUMNER ST. Repair fire damage.
Owner—A. R. Gowan, 60 Brady St., San Francisco.
Architect—None.
Contractor—A. R. Thulin, 60 Brady St., San Francisco. \$1562

ALTERATIONS
(1501) NO. 55 WEST CLAY DRIVE. Alter bathroom, erect vestibule and bay window and alter dwelling.
Owner—Gustav Knecht, Premises.
Architect—Weeks & Day, 405 Montgomery St., San Francisco.
Contractor—G. Sandberg, 425 20th Ave., San Francisco. \$1800

DWELLINGS
(1502) W FORTY-THIRD AVE 250, 275 and 300 S Kirkham. Three one-story and basement frame dwellings.
Owner—B. H. Morris, 35 Toyon Lane, San Francisco.
Architect—None. \$4000 ea

DWELLING
(1503) W VERMONT 75 N MARIPOSA; 1-story and basement frame dwelling.

Owner—R. F. Cassidy Co., 1419 18th St.
Architect—None.
Contractor—L. H. Stevenson, 130 Merced Ave. \$3900

FOUNDATION
(1504) SW TNRK & JONES; erect concrete foundation.
Owner—Investment Properties Co., Bush and Montgomery Sts.
Architect—Powers & Ahander, 605 Market St.
Contractor—Cahill Bros., 206 Sansome St. \$5000

DWELLING
(1505) E SIXTEENTH AVE 175 S V, cente. One-story and basement frame dwelling.
Owner—Chas. M. and Winifred Binford, 218 Castenada St., San Francisco.
Architect—None.
Contractor—Standard Bldg. Co., 218 Castenada St., San Francisco. \$4000

APARTMENTS
(1506) S WASHINGTON 82-6 W Taylor. Three-story and basement frame (9) apartments.
Owner—Barnsley Realty Co., % Architect
Architect—Albert H. Larsen, 447 Sutter St., San Francisco. \$23,800

APARTMENTS
(1507) E CENTRAL AVE 100 N Page. Three-story and basement frame (24) apartments.
Owner—R. J. Mullin, 328 17th Ave., San Francisco.
Architect—David C. Coleman, 118 Sutter St., San Francisco. \$59,000

DWELLINGS
(1508) E TWENTY-SIXTH AVE 300, 325, 350 and 375 S Moraga. Four one-story and basement frame dwlg.
Owner—Harder Bros., 870 39th Ave., San Francisco.
Architect—None. \$3500 each

ALTERATIONS
(1509) NO. 408-422 KEARNY. Change stairway and alter stores.
Owner—F. C. Hotaling, 451 Jackson St., San Francisco.
Architect—None.
Contractor—R. A. McLean & Co., 666 Mission St., San Francisco. \$2000

ALTERATIONS
(1510) NO. 343 SANSOME. Erect pent house on roof.
Owner—J. J. Stern Estate, Battery and Pine Sts., San Francisco.
Engineer—Alfred P. Fisher, Nevada Bk. Bldg., San Francisco. \$4000

ALTERATIONS
(1511) NO. 369 BARTLETT ST. Install extra bathroom and alter dwelling.
Owner—L. Chas. Tamm, 369 Bartlett St., San Francisco.
Architect—None. \$1200

DWELLING
(1512) N KIRKHAM 95 E 18th AVE.; 1-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave.
Architect—None. \$3000

DWELLING
(1513) E HOLYOKE bet. FELTON and Burrows; 1-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman St.
Architect—None. \$3000

DWELLINGS
(1514) E 18th AVE. 429, 454 and 479 S Kirkham; three one-story and basement frame dwellings.
Owner—Michael Costello, 821 34th Ave.
Architect—None. \$4000 each

DWELLING
(1515) W 43rd Ave. 250 S LAWTON; 1-story and basement frame dwelling.
Owner—E. H. Guilliee.
Architect—None. \$4000

DWELLING
(1516) N BALTIMORE WAY 133.34 E Naylor; 1-story and basement frame dwelling.
Owner—A. M. Samuelson, 901 Geneva Avenue.
Architect—None. \$4000

RAISE & ALTER HOUSE
(1517) 115 ALPINE TERRACE; raise & alter house.
Owner—G. W. Thomas, 115 Alpine Terrace.
Architect—None. \$2000

REPAIR FIRE DAMAGE
(1518) 1403 GOLDEN GATE AVE.; repair fire damage.
Owner—Thayer Realty Co., 711 Hearst Bldg.
Architect—None.
Contractor—Ira W. Coburn, Hearst Bldg. \$1,784

OFFICE BLDG.
(1519) N PINE ST. bet. Leidesdorff and Montgomery Sts.; 6-story class A office bldg.
Owner—Bank of Italy, (Phoenix Assurance Co. of London).
Architect—Bakewell & Weihl, 251 Kearny Street.
Contractor—George Wagner, 11 South Park. \$94,000

DWELLING
(1520) SE LAWTON AND EIGHTH Ave. One-story and basement frame dwelling.
Owner—C. L. Andrews, 1200 15th Ave., San Francisco.
Architect—None.
Contractor—C. L. Andrews, 1200 15th Ave., San Francisco. \$4000

ADDITIONS
(1521) NO. 3065 JACKSON. Add room on west wing of existing school building.
Owner—Miss Katherine D. Burke, Prem.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., San Francisco. \$5000

DWELLING
(1522) NW BRUNSWICK 85 SW Pope. dwelling.
One-story and basement frame
Owner—Victor Holmgren, 940 Geneva Ave., San Francisco.
Architect—None. \$4000

DWELLING
(1523) NW POPE AND BRUNSWICK. One-story and basement frame dwlg.
Owner—Victor Holmgren, 940 Geneva Ave., San Francisco.
Architect—None. \$4000

DWELLINGS
(1524) SW POPE 25, 50 AND 75 NW Brunswick. Three one-story and basement frame dwellings.

Capital City Title Company

J. C. PALEN
Manager

914 Seventh Street
Sacramento - California

Owner—Victor Holmgren, 940 Geneva Ave., San Francisco.
Architect—None. \$4000 each

ALTERATIONS

(1525) NO. 520 PINE. Alter front of building and interior repairs (Friendly Society Bldg.)

Owner—Kong Chow Friendly Society, 74 137 9th Ave., San Francisco.
Architect—F. S. Holland, 137 9th Ave., San Francisco. \$6000

APARTMENTS

(1526) S JOHN 183 W Powell. Three-story and basement frame (3) apartments.

Owner—Henry Muchles, 1104 Powell St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco. \$9250

ALTERATIONS

(1527) NO. 2908 BUCHANAN. Alter and remodel dwelling.

Owner—N. Menconi, 3232 Buchanan St.
Architect—None. \$1000

DWELLINGS

(1528) S CARL 100 E Hillway. Five 2-story and basement frame dwellings to be erected on one plot of land.

Owner—Fernando Nelson & Sons, Ocean Ave. and Westgate, San Francisco.
Designer—A. C. Hamerton, 481 Dewey Blvd., San Francisco. \$5500 each

DWELLING

(1529) W OXFORD 50 S Silliman. One-story and basement frame dwelling.
Owner—John A. Ross, 715 Andover St., San Francisco.

Architect—None. \$3000

DWELLING

(1530) N MOULTON 165 W Buchanan. One-story and basement frame dwg.
Owner—A. Stefani, 3251 Buchanan St., San Francisco.

Architect—None.
Contractor—G. Ferrari & Sons, 1966 Filbert St., San Francisco. \$4500

DWELLING

(1531) W SAN FELIPE LOT 12 BLK 3046. Two-story and basement frame dwelling.

Owner—A. J. Wilbe, 1344 Ocean Ave., San Francisco.
Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$7000

DWELLING

(1532) E APTOS 90 N UPLAND; 1-story and basement frame dwelling.

Owner—Geo. Adams.
Architect—None.
Contractor—Jas. Arnott and Son, 633 Tarraval. \$6000

DWELLINGS

(1533) W MONTEREY 432-3 and 483-3 S Westgate; two 2-story and basement frame dwellings.

Owner—Bell and Sylvester, 1365 Monterey.
Architect—D. E. Jaekle, 395 Justin Dr. \$6,750 each

DWELLING

(1534) E 30th AVE. 175 S JUDAH; 1-story and basement frame dwelling.

Owner—Gordon Leask, 197 Parker Ave.
Architect—None. \$4000

ALTERATIONS

(1535) 960 GREEN; alter and remodel residence.

Owner—B. J. Older, 960 Green.
Plans by Owner.
Contractor—P. W. Gilletto, 1857 Union St. \$2400

ALTERATIONS

(1536) NE 20th & CONNECTICUT; underpin, alter, remodel and add rooms to flats.

Owner—S. Shehady, 1536 20th St.
Architect—None. \$1000

262 Lindeman Lindeman 29500
263 Huckins Neal 14305
264 Huckins Neal 13000
265 Huckins Parker 2095
266 Hoy Coburn 26000
267 Condit

ALTERATIONS

(254) SE BALBOA AND NINETEENTH AVE. E 95xS 25. All work except plumbing, painting, electric work, finish hardware, electric fixtures and shades for alterations to frame building.

Owner—Henry A. Meyer, 431 22nd Ave. San Francisco.
Architect—E. A. Neumarkle, 544 Market St., San Francisco.

Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco.

Filed June 15, '28. Dated June 14, '28.
Enclosed and roof on.....\$1462
Inside plaster finished and outside has 2 coats.....1462
Completed and accepted.....1461
Usual 35 days.....1470

TOTAL COST, \$5858
Bond, \$3000. Sureties, H. W. Gaetjen and J. H. McCallum. Limit, 85 days. Forfeit, none. Plans and specifications filed. Permit applied for.

SUPPLY STATION

(255) SE FOWLER AVE. & PORTOLA DRIVE; all work on 1-story class C automobile supply station.

Owner—Richfield Oil Co., Matson Bldg., San Francisco.
Architect—Meyer Bros., 727 Portola Dr., San Francisco.

Contractor—Meyer Bros., 727 Portola Dr., San Francisco.

Filed June 15, 1928. Dated June 7, 1928.
On completion.....85%
Usual 35 days.....15%

TOTAL COST, \$2,912
Bond, \$2,912. Sureties, Royal Indemnity Co. Limit, 30 days. Plans and Spec. filed.

RESIDENCE

(256) NE PALOU AVE. 212-6 SE LANE SE 25 x NE 100 ptn Lots 11 and 12, Blk 309 S. S. F. Hd. and R. R. Assn; all work on 5-room residence.

Owner—Fred J. and Ruth K. Feederle, 1355 Palou Ave., San Francisco.

Architect—None.
Contractor—Edmund J. Hargrave, 1106 Laguna St., Burlingame.

Filed June 15, 1928. Dated May 21, 1928.
Rough frame up.....\$1,350
Completion of plastering.....1,350
Completion of building.....1,350
Usual 35 days.....1,350

TOTAL COST, \$5,400
Limit, 90 days. Plans and Spec. filed.

RESERVOIR

(257) E PTN BLK bounded by Agua Way, Teresita Blvd., and Rockdale St.; all work on construction of reservoir.

Owner—Spring Valley Water Co., 425 Mason St., San Francisco.
Architect—None.

Contractor—Eaton & Smith, 715 Ocean Ave., San Francisco.

Trimming slopes 50c per sq. yd., laying 4-in. drain tile 60c per ft., concrete lining \$16 per cu. yd., concrete gutters \$30 per cu. yd., roofing \$8600.

Filed June 15, 1928. Dated June 12, 1928.
Payments on 15th of each month.....90%
Usual 35 days.....10%

Bond, \$17,000. Sureties, National Surety Co. Forfeit, \$25. Limit, 120 days. Plans and Spec. filed.

(258) N BROADWAY 100 W POLK W 75 S 137-6 W 70 S 137-6 E 145; refrigeration machinery for hospital.

Owner—Italian Hospital and Benevolent Assn., San Francisco.

Architect—None.
Contractor—Frank H. Raffo Co., 333 Brannan St., San Francisco.

Filed June 16, 1928. Dated June 14, 1928.
Payments on 10th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$6500
Bond, \$3,250. Sureties, American Surety Co. Limit, 90 days. Specifications filed.

APARTMENTS

(259) TWELFTH AVE AND MORAGA All work for heating and plumbing for apartment house.

Owner—Roy N. and Gertrude H. Francis, 3481 Pierce St., San Francisco.
Architect—Bos & Quandt, Humboldt Bk. Bldg., San Francisco.

Contractor—George N. Zaro, 1311 Harrison St., San Francisco.

Filed June 18, '28. Dated June 11, '28.
On 10th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$35
Bond, \$1775. Sureties, New Amsterdam Casualty Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

PLUMBING

(260) 985-87 MARKET ST.; plumbing for first story and basement of building.

Owner—F. & W. Grand 5-10 & 25 Cent Stores, Inc.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Filed June 19, 1928. Dated June 15, 1928.
Payments on June 27, 1928, and on completion.....75%
Usual 35 days.....25%

TOTAL COST, \$30
Bond, \$1500. Sureties, Fidelity & Deposit Co. Limit, July 7, 1928. Plans and Spec. filed.

EXCAVATION, ETC.

(261) LOT BOUNDED BY MICHIGAN 22nd and Georgia; excavation, etc.
Owner—Pacific Gas & Electric Co., 44 Sutter St., San Francisco.

Architect—None.
Contractor—J. P. Holland, 1824 McKinnon, San Francisco.

Filed June 19, 1928. Dated June 12, 1928.
Payments on last of each month.....75%
Usual 35 days.....25%

Cubic yard, \$4
Bond, \$28,000. Sureties, Fidelity & Deposit Co. of Maryland. Plans and Spec. filed.

APARTMENTS

(262) S BEACH 100 E BAKER E 37-S 125; all work on 3-story and basement frame apartment building.

Owner—H. O. Lindeman, 619 27th Ave. San Francisco.
Architect—None.

Contractor—W. R. Lindeman, 829 44th Ave., San Francisco.

Filed June 19, 1928. Dated May 21, 1928.
Enclosed.....\$7,37
Rough plastered.....7,37

Completed.....7,37
Usual 35 days.....7,37

TOTAL COST, \$29,500

Limit, 120 days. Plans and Spec. filed. Permit applied for May 22, 1928.

PAINTING MATERIAL

(263) SE POWELL & SUTTER 138-5-115-9; material for painting 21-story hotel building.

Owner—Huckins, Newcomb Hotel Co. by Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

Architect—Weeks & Day, Financial Center Bldg., San Francisco.

Contractor—The Neal Co., 447 Ivy St., San Francisco.

Filed June 19, 1928. Dated May 4, 1928.
Payments on 15th of each mo.....75%
Usual 35 days.....25%

TOTAL COST, \$14,305

Bond, \$14,305. Sureties, Pacific Indemnity Co. Forfeit, \$3 per hour. Limit, Sept. 25, 1928. Spec. filed.

(264) LABOR FOR PAINTING ON ABOVE.

Filed June 19, 1928. Dated May 4, 1928.
Payments on 15th of each mo.....75%
Usual 35 days.....25%

TOTAL COST, \$13,000

Forfeit, \$3 per hour. Limit, Sept. 25, '28.

(265) CAULKING WORK ON ABOVE.
Contractor—Parker Weather Strip Co., 4328 Geary St., San Francisco.

Filed June 19, 1928. Dated May 1, 1928.
Payments on 15th of each month.....85%
36 days after.....15%

TOTAL COST, \$2,095

Bond, \$2,095. Sureties, Pacific Indemnity Co. Forfeit, \$2 per hour. Limit, as required.

ALTERATIONS

(266) SW STOCKTON AND JACKSON S 132-6 W 105 N 57-6 E 21-1 N 75 E 83-11. All work for alterations and additions to make a two-story brick building.

Owner—Loui Hoy, 711 Hearst Bldg., San Francisco.
Architect—F. W. Dakin, 310 California St., San Francisco.

Contractor—Ira W. Coburn, 711 Hearst Bldg., San Francisco.

Filed June 20, '28. Dated June 15, '28.
Frame up.....25%
Brown coated.....25%

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
254	Meyer	Zinkand	5858
255	Richfield	Meyer	2912
256	Feederle	Hargrave	5400
257	Spring	Eaton	8500
258	Italian	Raffo	6500
259	Francis	Zaro	3550
260	Grand	O'Mara	3000
261	Pacific	Holland	—

Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$26,000
ond, none. Limit, 100 days. Forfeit,
0. Plans and specifications filed.
Permit applied for April 26, 1928.

ESIDENCE
67) E THIRTY-EIGHTH AVE 50, 75
and 100 S Santiago. All work for 5-
room and basement residence on
each lot.
wner—Benson C. Condit.
rchitect—None.
ntractor—Condit and Maxam, 220
Montgomery St., San Francisco.
iled June 20, '28. Dated June 1, '28.
As work progresses.....
On completion.....
TOTAL COST Plus 10%
ond, limit, forfeit, plans and specifica-
ons, none.
Permit applied for June 7, 1928.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded..... Accepted
June 14, 1928—SE HEARST AVE. and
Ridgewood S 25 x E 100, being Lot 1
Blk 3, Sunnyside. Andrew I. Duffy
and Josephine Duffy to M. E. De Veer
.....April 19, 1923
June 14, 1928—65 MARKET ST. South-
ern Pacific Co. to A. Quandt, Fred A.
Theodore W. and Herbert L. Quandt
(as A. Quandt & Sons).....June 8, 1923
June 14, 1928—LOT 7 BLK 10 Map of
Crocker Amazon Tract. James Levas
to Peter Vukicevich.....June 12, 1923
June 14, 1928—W FILLMORE 225 S
Beach S 50 x W 90 N 25 N 33° 49' 56"
W 75.525 to line drawn at right angles
to W line Fillmore from pt beg E alg
line so drawn 101.516 to beg ptn Ma-
rina Gardens. Louis R. Anderson to
whom it may concern.....June 14, 1923
June 14, 1928—SE WASHINGTON and
Jones S alg Jones 64-10 1/4 x E 68-9 ptn
50 V Blk 216. Thirteen-sixty Jones,
Inc., to Chas. W. Heyer, Jr.....June 14, 1923
June 14, 1928—35 x 120 14th AVE. 100,
165, 255 S Taraval. Jas. B. Wilson,
John M. Finlayson, Hazel and Mary
Tilbs to D. G. Huenergardt.....June 14, 1923
June 13, 1928—E PLYMOUTH AVE. 175
S and alg SW line Plymouth AVE 25
E 112-6 Lot 22 Blk 6, Lakeview. Fred
L. Campbell to whom it may concern
June 13, 1928—LOT 4 BLK 2501A Map
Pine Lake Park Sub. No. 1. Park-
side Realty Co. of San Francisco to
whom it may concern.....June 4, 1923
June 13, 1928—W STEUART bet. How-
ard and Mission 168 to 174 Steuart.
Southern Pacific Co. to W. J. La
Voie.....June 6, 1923
Brown Estate Co. Sub. a ptn of Uni-
versity Mound. Wallace Earl Bald-
win 13, 1928—LOT 18 BLK 133 Map
win to R. Vance Pearson.....June 11, 1923
June 13, 1928—W 25th AVE 200 N MOR-
AGA 25 x 120. R. E. Chipperfield to
whom it may concern.....June 12, 1923
June 13, 1928—NW COR. 24th AVE. and
Ulloa 32-6 x 100. G. J. Elkington &
Sons to whom it may concern.....June 13, 1923
June 15, 1928—NE GEARY AND
Twenty-fourth Ave N 130 E 125-6 S
130-6 W 125-6. The Roman Catholic
Archbishop of S. F. to S. Rasori.....June 14, 1923
June 15, 1928—E GAMBIER 100 N
Silliman N 25xE 120. Lot 5 BLK 43,
Map Brown Estate Co. James Sher-
ard to whom it may concern.....June 15, 1923
June 15, 1928—LOT 28 BLK Q Map
Ptn Park Lane Tract No. 3. Gottlieb
Balliet to whom it may concern.....June 14, 1923
June 15, 1928—NE TWENTY-FOURTH
AVE and Geary N 130xE 125-6. The
Roman Catholic Archbishop of S F
to Scott Co. Inc; Frederick A and
Albert J Wilson; Wm F Wilson Co
and Victor Lemoge.....June 13, 1923
June 15, 1928—W MISSION AND
Santa Rosa AVE NW 100xSW 50.
Antonio Conti to Unger Elec Co.....June 13, 1923
June 15, 1928—E 14th AVE. 125 S UL-
LOA S 25 x E 120. Ferid and Ohanes
Tashjian to Ernest Swanson.....June 14, 1923
June 15, 1928—S TRUMBULL 225 E
Congdon E 25 x S 110, Ptn Lot 5 Blk

11 College Hd. Assn. Willard B. Jef-
ferson to whom it may concern.....June 14, 1923
June 15, 1928—1663 MISSION ST. S.
B. Speyer and Joseph Schwartz to
Barrett & Hilt.....June 15, 1923
June 15, 1928—E PLYMOUTH AVE. 100
S Grafton AVE. S alg Plymouth AVE.
25 x E 112-6 being Lot 25 Blk 6 Lake-
view. Ada T. Hinkel to whom it may
concern.....June 15, 1923
June 15, 1928—S BAY 143-9 E DIVIS-
ADERO E 25 x S 137-6. Martin P.
Sterheim to whom it may concern.....June 15, 1923
June 15, 1928—N HAYES 164 W SCOTT
W 37-6 x N 120. Cox Bros to whom
it may concern.....June 15, 1923
June 15, 1928—N HAYES 126-6 W Scott
W 37-6 x N 120. Cox Bros to whom
it may concern.....June 15, 1923
June 16, 1928—SW LANGTON 275 SW
Bryant 130 x 75. Tiedemann & Har-
ris to Fred Moller.....June 15, 1923
June 16, 1928—SW REVERE AVE. 100
SE Lane SE alg SW Revere AVE. 25
x SW 100 ptn Lot 7 Blk 366 South
S. F. Hd. and R. R. Assn. David
Brokenshire to Rae Goodrich.....June 15, 1923
June 16, 1928—E LEE AVE. 550 S Graf-
ton AVE. S alg E Lee AVE. 25 E 64.423
NE 8.80 NW 28.37 NE 2.80 W 47.95
to E Lee AVE. and pt. of beg. being
ptn Lots 1, 2, 3 Blk 13 Lakeview and
Lot 1 Blk E Columbia Heights. The
McCarthy Co. to James Arnott & Son
.....June 8, 1923
June 16, 1928—N FILBERT 55 E Brod-
erick rung E 27-6 x N 137-6. William
Giovannoni to P. Sartorio.....June 10, 1923
June 16, 1928—N VALLEJO 200 E LA-
GUNA E 74-3 x N 127-6 WA 191.
Nineteen-Forty Vallejo St., Inc., to
Emil Hogberg.....June 11, 1923
June 18, 1928—W CERRITES 210 S
OCEAN AVE. Lot 8 Blk 8 Ingelside
Terrace. E. C. Baker to whom it
may concern.....June 15, 1923
June 18, 1928—S DE LONG AVE 100 W
San Jose AVE S 50 W 25 N 60 NE 33.
H C Joscelyn to whom it may con-
cern.....June 18, 1923
June 18, 1928—W TWENTY-FIFTH
AVE 75 Moraga N 25xW 95. E H
Guillie to whom it may concern.....June 14, 1923
June 18, 1928—W EDINBURGH 150 N
France W 100xN 25. George Harder
to whom it may concern.....June 16, 1923
June 18, 1928—E TWENTY-FIRST AV
250 S Pacheco S 50xE 120. W Swift
to whom it may concern.....June 18, 1923
June 18, 1928—A. Legault.....June 18, 1923
June 19, 1928—3rd & KING ST. South-
ern Pacific Co. to J. H. Devert, Inc.
.....June 10, 1923
June 19, 1928—LOTS 18, 19 BLK 6801
Map Castle Manor. Castle Bldg. Co.
fmly Gensler Lee Inv. Corp. to Henry
Horn.....June 14, 1923
June 19, 1928—W 19th AVE. 182-6 S
Lake S 37-6 x W 120. H. O. Linde-
man to W. R. Lindeman.....June 16, 1923
June 19, 1928—11-15-19 KEYSTONE
WAY. Thomas J. Sullivan to whom
it may concern.....June 18, 1923
June 19, 1928—SW HOLYOKE 175 SE
FELTON 25x120. Isaacson & Ny-
lund to whom it may concern.....June 18, 1923
June 19, 1928—W POWELL bet. Geary
and O'Farrell, known at 225-37-39-45
Powell St. Manlerson Co. to whom it
may concern.....June 19, 1923
June 19, 1928—W 28th AVE. 175 S JU-
DAH Lot 25 x 120 Lot 3 Blk 741.
Nels P. Johnson to whom it may con-
cern.....June 19, 1923
June 18, 1928—E 26th AVE. 200 N MOR-
AGA N 25 x E 120. M. A. White-
lock to whom it may concern.....June 18, 1923
June 18, 1928—N RICE 100 W San Jose
AVE 25x 65. H C Joscelyn to whom
it may concern.....June 18, 1923
June 19, 1928—NE CLIPPER & DOUG-
LAS E 26 x N 64; N Clipper 26, 53
E Douglas E 27 x N 64. Hans Thomp-
son to whom it may concern.....June 19, 1923
June 19, 1928—W 18th AVE 100 N NOR-
HEGA N 25 x W 120. Einar J. N.
Berg to whom it may concern.....June 19, 1923
June 19, 1928—E 32nd AVE. 125 N SAN-
TIAGO N 25 x E 120. Castle Bldg.
Co. fmly Gensler Lee Inv. Co. to
Henry Horn.....June 16, 1923
June 19, 1928—425-33 WASHINGTON
St. Lot 11 Blk 206. Harbaugh & Co.

LIENS FILED

SAN FRANCISCO COUNTY

Recorded..... Amount
June 14, 1928—NW FELL & STEINER
N 96-3 W 110 N 41-3 W 27-6 S 137-6
to N Fell E 137-6 to beg ptn WA 379.
Theodore Sampson and J. M. Higgins
(as Theodore Sampson and Co. and J.
M. Higgins and Theodore Sampson)
vs L. Broniscoe.....\$1350
June 14, 1928—W HAMPSHIRE 147-6 S
21st S 25 x W 100. Trevor Jones vs
James C. Hammond, P. J. Anderson
and W. H. Griffin.....\$71
June 14, 1928—S VALLEY 130 E NOE
Lot 32 Blk 124 HA. J. C. Timm, \$99;
John Petersen, \$130; Martin J. Jen-
sen, \$194.50 vs George J. Burger.....
June 14, 1928—N FILLMORE (as wid-
ened) 75 N Chestnut N 50 x W 100.
Holmes Lime & Cement Co. vs Louis
R. Anderson.....\$13
June 14, 1928—E BRODERICK 100 N
Lombard N 37-6 x E 63. Western
Lime & Cement Co. vs Louis A. An-
derson.....\$451.50
June 14, 1928—N CHESTNUT 112-6 W
Broderick W 25 x N 100. Western
Lime & Cement Co. vs Louis A. An-
derson.....\$500.40
June 14, 1928—W FILLMORE 225 S
Beach S 50 W 90 N 55 N 33° 49' 56"
W 75.525 E 101.516. Western Lime &
Cement Co. vs Louis R. Anderson.....
\$120.19
June 14, 1928—SW BEACH & MAL-
LORCA Way S 50 x W 90. Western
Lime & Cement Co. vs Louis A. An-
derson.....\$1014.97
June 14, 1928—SW BEACH & MAL-
LORCA WAY S 50 x W 95. Holmes
Lime & Cement Co. vs Louis R. An-
derson.....\$173
June 14, 1928—N CHESTNUT 112-6 W
Broderick W 25 x N 100. Holmes
Lime & Cement Co. vs Louis R. An-
derson.....\$96.63
June 14, 1928—E BRODERICK 100 N
Lombard N 37-6 x E 63. Holmes
Lime & Cement Co. vs Louis R. An-
derson.....\$86.50
June 13, 1928—SW FLOURNOY 150 NW
Rhine NW 25 x SW 100 Lot 19 Blk O
Map ppty Sub ppty Mission St. Land
Co. W. H. Appleton and M. S. Whit-
more (as San Francisco Glass Co.)
vs Joseph Metcalf, John Doe Harju-
lin.....\$40
June 13, 1928—SW FLOURNOY 150 NW
Rhine NW 25 x SW 100 Lot 19 Blk O
Mission St. Land Co. S. Tutty to
Joseph and Elizabeth Metcalf.....\$46
June 13, 1928—W 16th AVE. 305 S TAR-
AVAL S 24-10 x W 120. W. J. Ma-
honey vs Bernhard Kari or E. Kari
.....\$71
June 13, 1928—W 15th AVE. 22 S TAR-
AVAL S 25 x W 135. W. J. Ma-
honey vs Bernhard Kari or E. Kari
.....\$44
June 13, 1928—SE 26th & CHURCH S
26-6 x E 72. Tom Litvinov vs Jos.
Matulich.....\$542.25
June 13, 1928—NW FELL & BUCHAN-
AN W alg N Fell 55 x N 120 to S
Linden E alg S Linden to W Bu-
chanan S alg W Buchanan to pt of
beg, being ptn WA 286. Michel &
Heffer Iron Works vs Fred Hecker.....\$67
June 13, 1928—NW TARAVAL & 29th
AVE. W 32-6 x N 100 E 32-6 to W 29th
AVE S alg 29th AVE to beg, being ptn
OL Blk 1131. W. J. Mahoney vs H.
J. Rock.....\$71.48
June 12, 1928—NE BEVERLY and
Shields E alg N Shields 50 x N 100.
W. H. Appleton and M. S. Whitmore
(as San Francisco Glass Co.) vs H.
H. Putnam, W. S. Barron.....\$45
June 13, 1928—W FOERSTER 25 N
Mangels AVE. N 50 x W 100. E. Pas-
qualetti vs Frank Foster.....\$725.21
June 13, 1928—SW FLOURNOY 150 NW
Rhine NW alg SW Flournoy 25 x SW
100 ptn Blk O Mission St. Land Co.,
and also known as Lot 19 Blk 7169,
Assessor's Map. Bernard Tanklage
(as Liberty Mill & Cabinet Co.) vs
Oscar Harjulin and Metcalf Realty
Co.....\$65.50
June 13, 1928—E 15th AVE. 233-4 S
Santiago S 33-4 x E 127-6. Chas.
Kelly (as Crescent Grading Co.) vs
L. E. Elder, Bernhard and Lydia
Kari.....\$200
June 14, 1928—NE BEVERLY and
SHIELDS N 50 x E 50 ptn Lots 7, 8

Blk 5 City Land Assn. E Beverly 50 N Shields N 50 x E 50 ptn Lots 7, 8 Blk 5 City Land Assn. Leo Toge vs H. H. Putnam and W. S. Barron.....\$340

June 14, 1928—W BXBEE 75 N Sargent N 25 x W 100 Lots 1, 2, 3, 4 Blk 9 City Land Assn. Holmes Lime & Cement Co. vs H. H. Putnam, W. S. Barron.....\$192

June 14, 1928—W RALSTON 100 N Sargent N 200 x W 100 Lots 41 to 48 Blk 14 City Land Assn. Holmes Lime & Cement Co. vs H. H. Putnam and W. S. Barron.....\$160

June 14, 1928—W RALSTON 100 N Shields N 75 x W 100 Lots 46, 47, 48 Blk 13 City Land Assn. Holmes Lime & Cement Co. vs H. H. Putnam and W. S. Barron.....\$212

June 15, 1928—E BEVERLY AND N Shields N 50 x E 50. T. M. Gregory and G. L. Brooks (as Gregory & Co) vs W S Barron & H A Putnam.....\$47.50

June 15, 1928—E BEVERLY 50 N Shields N 50x E 50. T. M. Gregory and G. L. Brooks (as Gregory & Co) vs W S Barron and H A Putnam.....\$47.50

June 15, 1928—E FOUT AVE, bet. Clarendon and Pemberton Lot 7 Blk A Map Ashbury Park Tract. H & H Roofing Co. Inc vs Ray Lee Jones; Edythe B Schuetz; Jefferson E Feyser and Thomas F Schuetz.....\$225

June 15, 1928—LOTS 24 AND 25 BLK Q Map Park Lane Tract No. 3. Golden Gate Atlas Materials Co vs Gottlieb Balliet.....\$310.11

June 15, 1928—E TWENTY-SIXTH AV 100 N Moraga N 25 x E 120. Golden Gate Atlas Materials Co vs W MacKenzie.....\$37.65

June 15, 1928—E RUSSIA AVE AND Munich SE 100xNE 100 Ptn Lot 4 Blk 91, Excl Hd Assn. Golden Gate Atlas Materials Co vs H J Schultheiss Harry & Teresa H Wesselle.....\$124.03

June 15, 1928—E FIFTEENTH AVE 334 N Taraval N 33-4xE 127-6. Christenson Lumber Co vs B Kari and Elizabeth A Frontin.....\$701.96

June 15, 1928—S FLOURNOY 150 W Rhine, B. Blaiotta & Co vs Joseph Metcalf, Metcalf Realty Co., John Doe Harjulin.....\$75

June 15, 1928—E RUSSIA AVE & MUNICH SE 100 x NE 100 Ptn Blk 91 Excelsior Hd. Assn. Excelsior Hardware Co. vs Harry and Theresa Wesselle.....\$316.20

June 15, 1928—W 32nd AVE. 75 S RIVERA S 25 x W 120. The Fay Improvement Co. vs Miss Hattie Saunders.....\$400

June 15, 1928—S BACON 55 E GOETTINGEN E 26 x S 100. The Fay Improvement Co. vs J. P. Toner.....\$179.82

June 15, 1928—LOTS 12 & 13 Blk 2988A as per map filed by Fernando Nelson Sons. The Fay Improvement Co. vs J. W. Rutherford.....\$319.32

June 15, 1928—E 33rd AVE. 250 S SANTIAGO S 25 x E 120. The Fay Improvement Co. vs Bridget Conroy.....\$117.50

June 18, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120. Spring Valley Lumber Yard vs Bernhard and Lydia Kari.....\$868.76

June 18, 1928—E 17th AVE. 150 N VICENTE N 25 x E 120. Spring Valley Lumber Yard vs Bernhard and Lydia Kari.....\$868.76

June 18, 1928—E 17th AVE. 150 N VICENTE N 25 x E 120. Martin Nelson vs Bernhard and Lydia Kari.....\$75

June 18, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120. Martin Nelson vs Bernhard and Lydia Kari.....\$75

June 18, 1928—W 16th AVE. 305 S TARAVAL S 25 x W 120. Martin Nelson vs Bernhard and Lydia Kari.....\$75

June 18, 1928—NW PRAGUE 350 SW Russia Ave. NW 25 x NW 100 ptn. Lot 5 Blk 92 Excelsior Hd. Assn. Reinhart Lumber & Planing Mill Co vs Robert R. Hill.....\$532.24

June 18, 1928—NW FELL AND Buchanan W 55xN 80; W Buchanan 80 N Fell th 40 th ar e 55 on Linden Ave S 40 to beg. John Baird vs Cecelia and Fred Hechter and or Title Ins Co.....\$27.50

June 18, 1928—S LINE LOT 6 BLK S with W Levant N 35 m or l to N bdy line said Lot 16 W 90 m or l to W bdy line Lot 16 S 49 to S bdy line Lot 16 E alg last line 100 m or l to W Levant and pt of beg; all Lot 16 Blk S Map Corona Heights, excepting therefor ptn thereof now included within the line of Levant St. A Green vs Charles E Schuetz and/or Albert Stone and/or F C and Minnie Fry.....\$19.25

June 18, 1928—SW BEACH AND MALloreia Way S 50xW 95. Sunset Iron Works vs Louis R and Brigid Anderson.....\$460

June 18, 1928—NW FELL AND Buchanan W 55xN 120. Pacific Mill & Cabinet Co vs Fred and Cecelia Hechter.....\$1111.75

June 18, 1928—N PACIFIC 105 W Franklin N 127-10½xW 31. Joost Bros, Inc vs Jesse D Hannah.....\$701.84

June 18, 1928—N PACIFIC AVE 105 W Franklin. Pacific Mill & Cabinet Co vs Jesse D Hannah.....\$166

June 18, 1928—E BRODERICK 100 N Lombard N 37-6 x E 63. Sunset Iron Works vs Louis R and Brigid Anderson.....\$125

June 15, 1928—S VALLEY 130 E Noe E 25xS 100. San Francisco Lumber Co vs George Burger.....\$256

June 19, 1928—N PACIFIC AVE 105 W Franklin N 127-10½ x W 34. Atlas Heating & Ventilating Co vs Jesse D. Hannah and Herman Kohlwe.....\$735

June 19, 1928—E 17th AVE. 150 N VICENTE N 25 x E 120. Severino A. Seghieri, Alessandro Cascia and Pietro Micheli (as Bay Concrete Co.) vs Bernhard Kari.....\$288.13

June 19, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120 Blk 1189. Robt. A. Currie and Arthur Parsons (as Pacific Sheet Metal & Furnace Co. vs Bernhard and Lydia Kari and Mr. Klein of Doty Klein Realty Co.....\$97.50

June 19, 1928—SE FRANKLIN and Clay S 37-8¼ x E 85 known as 1856 Franklin St. Serge S. Bardin, \$45; Alex Gerasimoff, \$99, vs Martial Davoust.....\$470

June 19, 1928—E 17th AVE. 150 N VICENTE N 25 x E 120 O L 1189. Atlas Heating & Ventilating Co., \$213; A. A. Haugerud Co., \$52, vs Bernhard and Lydia Kari.....\$98

June 19, 1928—E 17th AVE. 125 N VICENTE N 50 x E 120 known as Lot 14 Blk 2417. Francis I. Lamey, James A. and Thomas J. Lamey (as Lamey Bros.) vs Bernhard and Lydia Kari.....\$470

June 19, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120. Severino A. Seghieri, Alessandro Caccia and Pietro Micheli (as Bay Concrete Co.) vs Bernhard Kari.....\$303.13

June 19, 1928—N PACIFIC 105 W Franklin W 68 x N 127-10½. V. Passio (as Mission Concrete Co.) vs Jesse D. Hannah.....\$7,609.85

June 19, 1928—N PACIFIC AVE. 105 W Franklin N 127-10½ x W 34. Leopold H. Birth vs Jesse D. Hannah.....\$2566.73

June 19, 1928—N PACIFIC AVE. 105 W Franklin W 34 x N 127-10½ Lot 8 Blk 576. Henry Moses (as Aetna Elec. Co.) vs Jesse D. Hannah.....\$4668.19

June 19, 1928—NE HAIGHT & BROADRICK E 47-6 x N 112-6. James M. Smith vs R. J. Stempel.....\$250

June 19, 1928—E 17th AVE. 150 N VICENTE N 25 x E 120. Carjolee Wall Paper Co., Inc., \$50.20; J. Alfred Kallman, \$315; W. E. Trousedale, \$362; A. N. Schopke and C. W. Burke, \$95.30 vs Bernhard Kari and Henry F. Wrigley.....\$635

June 19, 1928—E 17th AVE. 125 N VICENTE N 25 x E 120. J. Alfred Kallman, \$315; Carjolee Wall Paper Co., Inc., \$575.00; A. N. Schopke and C. W. Burke, \$95.31; W. T. Trousedale \$362, vs Bernhard Kari and Henry F. Wrigley.....\$635

June 19, 1928—SE ANZA and 41st AVE E 27-6 x S 100. Michel & Pfeffer Iron Works vs Manning Baldwin, Inc.....\$635

June 12, 1928—N UNION 62-6 E WEBSTER N 100 x E 50. L. Coppellotti to B. and Anna Lazzareschl, Aniceto Brisa.....\$460

June 11, 1928—W FORTY-SECOND AV 125 N Cabrillo N 25xW 120. Ben Carlson to Corrine and J A Frye.....\$460

June 11, 1928—S PARIS AND BRAZIL Ave SW 24-8 x SE 80. San Francisco Glass Co to A J Simonelli and G June 16, 1928—E 30th AVE. 200 N Kirkham N 50 x E 120 Lots 31, 32 Blk 1824. G. Mazzera to A. Plagge.....\$460

June 18, 1928—LOT ON SW POPE 50 NW from N Morse 25x100. D F Donovan and J M Farmer to Wm H and Jane Doe Heagerty.....\$125.0

June 18, 1928—SW PAGE 50 and 75 NW from N Morse, 25x100. Edmund Cavnagaro and F Kakum to Wm H and Jane Doe Heagerty.....\$225.0

June 18, 1928—POST & STEINER. R. J. Williams to Dreamland Auditorium Inc., The Minneapolis Steel Construction Co.....\$5

June 18, 1928—N GREEN 52-9 W Laguna W 23-7½xN 100. Acme Gravel Co to whom it may concern.....\$72.0

June 18, 1928—SW POPE 50 NW Morse NW 50xSW 130. E Becker and B R Manner to Wm H Heagerty.....\$72.0

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Am
1371	California	Pattinson	80
1332	Fisher	King	13
1333	De Sanno	Wheeler	1000
1334	Hammer	Rugg	56
1335	Isack	Owner	76
1336	Lee	Owner	35
1337	Monez	Owner	30
1338	Varia	Valente	53
1339	Schuckack	Globe	63
1340	Stoner	Lyon	115
1341	West	Owner	45
1342	Bent	Owner	40
1343	Champion	Art	30
1344	Ellis	Owner	120
1345	Fifield	Haskell	1597
1346	Howard	Walsh	2900
1347	Abry	Owner	72
1348	Anderson	Taylor	55
1349	Blanco	Owner	800
1350	Callelo	Younger	10
1351	City of Alameda	Grodem	2232
1352	Dewey	Anderson	92
1353	Fredrickson	Owner	60
1354	Fero	Camponenori	45
1355	Gundt	Gambrini	28
1356	Ihrig	Thorpe	70
1357	Jones	Williams	2200
1358	Justice	Owner	37
1359	Klean	Owner	10
1360	McRowe	Owner	10
1361	Theobold	Williams	3250
1362	Teviss	Alameda	12
1363	Ventre	Owner	33
1364	Willemm	Kallor	150
1365	Wright	Wright	500
1366	Anderson	Scott	290
1367	Budshet	Owner	10
1368	Chandler	Glynn	510
1369	Cabral	Owner	20
1370	Fageol	Leiter	175
1371	Grayson	Kingera	175
1372	Hopkins	Fields	500
1373	Kerly	Globe	150
1374	Lock	Owner	350
1375	White	Livingston	200
1376	Bank	Kulchar	800
1377	Champion	Owner	175
1378	Fenzle	Larmer	135
1379	Fleming	Wright	100
1380	Hefner	Owner	3000
1381	Owl	Reed	150
1382	Vlahoe	Owner	300
1383	Johnson	Nutoyer	400
1384	Mills	Thaxter	100
1385	Chiesa	Delucchi	200
1386	Grandma	Kennedy	125
1387	Netherby	Owner	500
1388	Nelson	Owner	590
1389	Proto	Delucchi	470
1390	Patterson	Owner	7000

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

June 15, 1928—N UNION 62-6 E Webster N 100xE 50. Theodore Binner to B. and Anna Lazzareschi and Aniceto Brisa.....\$460

June 15, 1928—E PENNSYLVANIA 60 N 22nd N 100 SE 104-4 m or l to pt 133-6 N 22nd S 73-6 W 100. P. E. De-paoli to Mariano and Bonificia Esteb-berg and John Dentone.....\$460

June 14, 1928—W SAN JOSE AVE. 28-8¼ N Day W 70-1¼ NW 27 E 81-6¼ S 29. J. W. Gillogley to Donald McGonigle.....\$460

OFFICE, ETC.
(1331) 2422 4th ST., Berkeley; office an comfort rooms.
Owner—California Packing Corp., 101 Cal ifornia St., San Francisco.
Architect—None.
Contractor—J. Pattinson, 925 The Alame da, Berkeley. \$800

ALTER & GARAGE
(1332) 1309 SPRUCE ST., Berkeley; alterations and garage.
Owner—Miles B. Fisher.
Architect—None.
Contractor—Geo. F. King, 1541 Virginia St., Berkeley. \$1300

SHOP
(1333) SW E-TENTH AND FORTY-fifth Ave., Oakland. One-story machine shop and one-story shed.
Owner—F. L. DeSanno, 2941 E 12th St., Oakland.
Architect—None.
Contractor—J. E. Wheeler, 1307 Marin Ave., Albany. \$10,000

DWELLING
(1334) 1042 TRESTLE GLEN ROAD, Oakland.
One and one-half story 5-room dwelling.
Owner—L. M. Hammer, 477 Moss Ave., Oakland.
Architect—None.
Contractor—Rugg & Lisbon, 7627 Holly St., Oakland. \$5600

DWELLING
(1335) SE COR. WELDON & WARFIELD, Oakland; 1-story 6-room dwelling.
Owner—Isack & Gordon, 1534 E 12th St., Oakland.
Architect—None. \$7600

DWELLING
(1336) W VICKSBURG 250 S 50th Ave., Oakland; 1-story 6-room dwelling.
Owner—John Lee, 2426 E 15th St., Oakland.
Architect—None. \$3500

DWELLING
(1337) 4031 WATERHOUSE RD., Oakland; 1-story 4-room dwelling.
Owner—A. H. Monez, 4036 Everett Ave., Oakland.
Architect—None. \$3000

DWELLING & GARAGE.
(1338) 212 MATHER ST., Oakland; 1-story 6-room dwelling and 1-story garage.
Owner—L. Varia, no address.
Architect—None.
Contractor—M. E. Valente, 5118 Clark St., Oakland. \$5300

STORE & DWELLING
(1339) E SEMINARY AVE. 180 N Scenic Way, Oakland; 1-story store & 4-room dwelling.
Owner—F. B. Schuckack, 237 17th St., Oakland.
Architect—None.
Contractor—Globe Corp., 337 17th St., Oakland. \$6300

RESIDENCE & GARAGE
(1340) 173 HILLCREST ROAD, Berkeley; 2-story 9-room frame and stucco residence and garage.
Owner—R. C. Stoner, 2832 Prince St., Berkeley.
Architect—Edw. L. Snyder, 2045 Shattuck Ave., Berkeley.
Contractor—W. E. Lyon, 354 Hobart St., Oakland. \$11,500

RESIDENCE
(1341) 1651 VISALIA ST., Berkeley; 2-story 6-room 1-family residence.
Owner—C. W. West, 838 Carmel Ave., Albany.
Architect—Widney & Walker, 1709 Grove St., Berkeley. \$4500

BUNKERS
(1342) 17th Ave. and Estuary, Oakland; bunkers.
Owner—Bent Concrete Pipe Co., 19th Ave. and Estuary, Oakland.
Architect—None. \$4000

CLEANING WORKS
(1343) 3516 ADELIN ST., Oakland; 2-story 5-room brick cleaning and dyeing works.
Owner—J. Champion & Son, 3516 Adeline St., Oakland.
Architect—None.
Contractor—Art Builders, 1927 Napa Ave., Oakland. \$3000

ADDITION
(1344) 3090 FLORIDA, Oakland; addition.
Owner—Frank T. Ellis, no address.
Architect—None. \$1200

DWELLING
(1345) 827 ROSEMOUNT ROAD, Oakland; 2-story 8-room dwelling.
Owner—A. D. Fifield, 2347 Lakeshore Ave., Oakland.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Contractor—Albert A. Haskell, 255 Ridgeway Ave., Oakland. \$15,975
Note—Recorded contract reported June 15, 1928.

WAREHOUSE
(1346) S 1st ST., 40 W MARKET ST., Oakland; 1-story 2-room brick warehouse.
Owner—Howard Co., 1st and Market Sts., Oakland.
Architect—None.
Contractor—Jas. T. Walsh, 608 Woodland Ave., San Leandro. \$29,000

RESIDENCE
(1347) 1451 OLYMPUS ROAD, Berkeley; 2-story 6-room 1-family residence.
Owner—E. G. Abry, 319 Richfield Oil Bldg., Oakland.
Architect—O. W. Thornton. \$7250

DWELLING
(1348) NO. 2845 SANTA CLARA AVE., Alameda. One-story 6-room stucco finish dwelling.
Owner—B. S. Anderson, Premises.
Architect—None.
Contractor—B. C. Taylor, 1621 10th Ave., Oakland. \$5500

APARTMENTS
(1349) NO. 2521 CENTRAL AVE., Alameda. Three-story 8-room stucco finish apartment house.
Owner—R. J. Blanco, 733 Carlton Ave., Oakland.
Architect—J. F. Keenan Jr., Oakland. \$80,000

ALTERATIONS
(1350) NO. 3016 SANTA CLARA AVE., Alameda. Alterations.
Owner—J. P. Calelio, Premises.
Architect—None.
Contractor—F. A. Younger, 2115 35th Ave., Oakland. \$1000

OFFICE BLDG.
(1351) NO. 2440 SANTA CLARA AVE., Alameda. One-story concrete office building.
Owner—City of Alameda, Municipal Electric Light Plant, Alameda.
Architect—Carl Werner, 906 Santa Fe Bldg., San Francisco.
Contractor—J. J. Grodem, 1028 San Antonio Ave., Alameda. \$22,320

DWELLING
(1352) NO. 2925 NORTHWOOD DRIVE, Alameda. Two-story 8-room cement plaster finish dwelling.
Owner—Susan Dewey, Alameda Hotel, Alameda.
Architect—None.
Contractor—Walter H. Andreson, 1014 Doris Court, Alameda. \$9200

DWELLING
(1353) NO. 2971 GIBBONS DRIVE, Alameda. One-story 6-room cement plaster finish dwelling.
Owner—Karl S. Fredrickson, 1512 Hampel St., Oakland.
Architect—None. \$6000

DWELLING
(1354) NO. 2524 CALHOUN ST., Alameda. One-story 5-room cement plaster finish dwelling.
Owner—J. Fero, 2527 Calhoun St., Alameda.
Architect—E. Campomenori, 6401 Broadway, Oakland.
Contractor—E. Campomenori, 6401 Broadway Terrace, Oakland. \$4500

ADDITIONS
(1355) NO. 1574 LINCOLN AVE., Alameda. Additions.
Owner—Mrs. Gnudt, Premises.
Architect—None.
Contractor—B. Gambrini, 1612 Everett St., Alameda. \$2800

DWELLING
(1356) NO. 1625 HIGH ST., Alameda. Two-story 7-room stucco finish dwelling.
Owner—Wm. H. Ihrig, 1162 Broadway, Alameda.
Architect—W. C. Thorpe, 1177 Regent St., Alameda.
Contractor—W. C. Thorpe, 1177 Regent St., Alameda. \$7000

APARTMENTS
(1357) NO. 757 SANTA CLARA AVE., Alameda. Three-story 30-room stucco finish apartment house.

Owner—E. Frank Jones, 310 Henshaw Bldg., Oakland.
Architect—Gerald W. McPherson, 319 14th St., Oakland.
Contractor—Stephen J. Williams, 3616 Richmond Blvd., Oakland. \$33,000

DWELLING
(1358) NO. 919 MARION AVE., Alameda. One-story 5-room stucco finish dwlg.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda. \$3750

SHOP
(1359) SE CENTRAL AND PARK AVES Alameda. Tire shop.
Owner—Klean Rite Auto Laundry Co., 417 Rialto Bldg., San Francisco.
Architect—None. \$1000

ADDITION
(1360) NO. 1227 PEARY ST., Alameda. Addition to permit #1353 of Feb. 23, 1928.
Owner—A. L. McRowe, Premises.
Architect—None. \$1000

APARTMENTS
(1361) NO. 743 SANTA CLARA AVE., Alameda. Three-story 33-room cement plaster finish apartment house.
Owner—Annie K. Theobald, 1226 Sherman St., Alameda.
Architect—Gerald W. McPherson, 319 14th St., Oakland.
Contractor—Stephen J. Williams, 3616 Richmond Blvd., Oakland. \$32,500

DWELLING
(1362) NO. 1538 GIBBONS DRIVE, Alameda. One-story 2-room stucco finish dwelling and garage.
Owner—Dr. Samuel Tevis, 2517 E-14th St., Oakland.
Architect—A. Manuel, 2111 Clement Ave., Alameda.
Contractor—Alameda Builders, 2310 Alameda Ave., Alameda. \$1200

DWELLING
(1363) NO. 1518 COURT ST., Alameda. One-story 4-room cement plaster finish dwelling.
Owner—Dr. Pierre Willemin, 3235 Sterling Ave., Alameda.
Architect—None. \$3300

ADDITIONS
(1364) NO. 3235 STERLING AVE., Alameda. Additions.
Owner—Dr. U. Pierre Willemin, 3235 Sterling Ave., Alameda.
Architect—Guy L. Brown, American Bank Bldg., Oakland.
Contractor—H. T. Kallor, 2231 E-39th St., Oakland. \$1500

DWELLING
(1365) NO. 1418 PEARL ST., Alameda. One-story 6-room stucco finish dwelling.
Owner—Alta Wright, 1526 Pearl St., Alameda.
Architect—Owner.
Contractor—J. J. Wright, 1526 Pearl St., Alameda. \$5000

SHED
(1366) NW COR. 42nd & Western Pacific R. R.; 1-story shed.
Owner—A. W. Anderson, 4129 E 14th St., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. \$2,900

ALTERATIONS
(1367) 324 JACKSON ST., Oakland; alterations.
Owner—The Buddhist Church of Oakland, 324 Jackson St.
Architect—None. \$1000

DWELLING & GARAGE
(1368) E MARGARITA AVE., 75 S Granada Ave., Oakland; 2-story 7-room dwelling and garage.
Owner—W. S. Chandler, 438 32nd St., Oakland.
Architect—None.
Contractor—H. Glynn, 6023 Colby St., Oakland. \$5100

DWELLING
(1369) 811 23rd AVE., Oakland; 1-story 5-room dwelling.
Owner—A. Cabral.
Architect—None. \$2000

PAINT SHOP
(1370) 107th AVE. and HOLLYWOOD Blvd., Oakland; 1-story paint shop.
Owner—Fageol Motor Co., 107th Ave. and Hollywood Blvd., Oakland.

Architect—None.
Contractor—E. T. Leiter & Sons, 811 West St., Oakland. \$7750

ADDITION
(1371) S 4th ST., 100 W FRANKLIN ST. Oakland; brick addition.
Owner—Grayson Owen Co., 415 4th St., Oakland.
Architect—None.
Contractor—J. T. Kingrea, 4116 Terrace St., Oakland. \$1750

DWELLING
(1372) 2612 55th AVE., Oakland; 1-story 5-room dwelling.
Owner—K. J. Hopkins, Suisun, Calif.
Architect—None.
Contractor—W. B. Fields, 3866 14th Ave., Oakland. \$5000

DWELLING & STORE
(1373) S SEMINARY AVE., 600 N FT. BLVD., Oakland; 1-story dwelling and store.
Owner—Kerly & Nelson, no address.
Architect—None.
Contractor—The Globe Corporation, 33 7th St., Oakland. \$1500

SHED, ETC.
(1374) NO. 800 ANTHONY ST., Berkeley
Shed and garage.
Owner—Lock Joint Pipe Co.
Architect—None. \$3500

ALTERATIONS
(1375) NO. 1163 EUCLID AVE., Berkeley
Alterations.
Owner—J. White.
Architect—None.
Contractor—W. Livingston, 1152 Euclid Ave., Berkeley. \$2000

ALTERATIONS
(1376) NW COR. 41st ST. & BROADWAY, Oakland; alterations.
Owner—Bank of Italy.
Architect—H. A. Minton, Underwood Bldg., San Francisco.
Contractor—S. Kulchar Co., 8th Ave. and 10th St., Oakland. \$8000

ALTERATIONS
(1377) 1948 24th AVE., Oakland; alterations.
Owner—J. J. Champion, 468 Rich St., Oakland.
Architect—None. \$1750

ALTERATIONS
(1378) N JAYNE ST., 100 W PERKINS ST., Oakland; alterations.
Owner—F. Fenzle, no address.
Architect—None.
Contractor—E. D. Larmer, 90 Fairview Ave., Oakland. \$1350

FIRE REPAIRS
(1379) 419-21 26th AVE., Oakland; fire repairs.
Owner—Mrs. Fleming, 421 26th Ave., Oakland.
Architect—None.
Contractor—Curtis Wright, 2716 Telegraph Ave., Oakland. \$1000

APARTMENTS
(1380) W CAPP ST., 150 N NICOL AVE. Oakland; 2-story 24-room apartments.
Owner—Albert E. Hefner, no address.
Architect—None. \$30,000

ALTERATIONS
(1381) 400 15th ST., Oakland; alterations
Owner—Owl Drug Store, no address.
Architect—None.
Contractor—Wm. Reed, 400 15th St., Oakland. \$1500

DWELLING
(1382) 5568 VALLEJO ST., Oakland; 1-story 5-room dwelling.
Owner—Matt Vlahoe, 5528 Fremont St., Oakland.
Architect—None. \$3000

RESIDENCE
(1383) NO. 2770 ACTON ST., Berkeley.
One-story 6-room residence.
Owner—C. Johnson, 2766 Acton St., Berkeley.
Architect—None.
Contractor—Nutoyer & Martin, 2228 E-25th St., Oakland. \$4000

ALTERATIONS
(1384) NO. 155 PARKSIDE DRIVE, Berkeley. Alterations.
Owner—B. Mills, 2956 Piedmont Ave., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 6452 Hille-gass Ave., Berkeley. \$1000

DWELLING
(1385) 923 35th ST., Oakland; 1-story 4-room dwelling.
Owner—L. Chiesa, 923 35th St., Oakland.
Architect—None.
Contractor—P. Delucchi, 5443 Claremont Ave., Oakland. \$2600

ALTERATIONS
(1386) 736 ADELINE ST., Oakland; alterations.
Owner—Grandma Cookie Co., 236 Adeline St., Oakland.
Architect—None.
Contractor—F. T. Kennedy, 1051 7th St., Oakland. \$1250

DWELLING
(1387) W CONTRA COSTA ROAD, 1900 E Buena Vista, Oakland; 2-story 6-room dwelling.
Owner—W. A. Netherby, 3879 Fruitvale Ave., Oakland.
Architect—None. \$5000

DWELLING & GARAGE
(1388) N ROSEMARY ROAD, 276 W Sunnyside Road; 2-story 6-room dwelling and 1-story garage.
Owner—Henry L. Nelson, 3216 California St., Berkeley.
Architect—None. \$5900

DWELLING
(1389) 3153 HIGH ST., Oakland; 1-story 6-room dwelling.
Owner—J. Proto, no address.
Architect—None.
Contractor—P. Delucchi, 5443 Claremont Ave., Oakland. \$4700

APARTMENTS
(1390) NW COR. E 17th & HIGH STS., Oakland; 3-story 69-room apartments.
Owner—J. F. Patterson, 1715 High St., Oakland.
Architect—None. \$70,000

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
186	Fifield	Haskell	15030
187	Claremont	Ourish	490
188	Howard	Walsh	29000

RESIDENCE
(186) LOT 46 BLK 11, Lakeshore Highlands, Oakland. All work for two-story frame residence and garage.
Owner—A. D. Fifield, 3247 Lakeshore Ave., Oakland.
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Contractor—Albert Haskell, 255 Ridgeway, Oakland.
Filed June 14, '28. Dated June 11, '28.
On 1st and 15th of each month..... 75%
When completed..... 5%
Usual 35 days..... \$3760
TOTAL COST, \$15,030
Bond, none. Limit, Oct. 15, 1928. Forfeited, none. Plans and specifications filed.

TRACT OFFICE
(187) LOT 50 Claremont Estates, Oakland. All work for one-story frame tract office.
Owner—Claremont Heights Co., Oakland.
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Contractor—J. S. Ourish, San Francisco.
Filed June 16, '28. Dated June 14, '28.
On 1st and 15th of each month..... 75%
When completed..... 5%
Usual 35 days..... \$123
TOTAL COST, \$490
Bond, none. Limit, 30 working days after June 14. Forfeited, none. Plans and specifications filed.

WAREHOUSE
(188) FIRST AND MARKET STS., Oakland. All work for one-story brick and steel warehouse.
Owner—Howard Co., Premises.
Architect—Reed & Corlett, 1206 Broadway, Oakland.
Contractor—James T. Walsh, 608 Woodland St., San Leandro.
Filed June 20, '28. Dated June 11, '28.
On 1st and 15th of each month..... Balance
Usual 35 days.....
TOTAL COST not to exceed \$29,000 including contractor's fee of \$1400.
Bond, limit, forfeited, none. Plans only filed.

NOTE—Permit applied for June 15, 1928

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded..... Accepted
June 14, 1928—SW COR. 9th & CASTRO Sts., Oakland. Langley & Michaels Co. to whom it may concern..... June 8, 1928
June 14, 1928—2109½ VIRGINIA ST., Berkeley. R. W. Robie to N. A. Anderson (of the Art Builders of Berkeley)..... June 12, 1928
June 14, 1928—PTN LOT 112 SUB. 30, 1st-sub Peralta Park, Berkeley, Frank Broadhead to whom it may concern..... June 12, 1928
June 14, 1928—LOT 5 BLK 4, Brookdale Terrace, Oakland. Karl Trippell to whom it may concern..... June 13, 1928
June 14, 1928—LOTS 1 to 7 BLK A, Wetherbee Business Sub. J. W. Helm to California Builders Co. June 13, 1928
June 14, 1928—916 CRAGMONT AVE., Berkeley. Henry B. Gross to whom it may concern..... June 14, 1928
June 14, 1928—2445-47 VIRGINIA ST., Berkeley. Marcus A. Peel to whom it may concern..... June 14, 1928
June 13, 1928—LOT 41, Meek Boulevard Tract, Eden Township. Cyril and Ruth Jefferies to whom it may concern..... June 3, 1928
June 13, 1928—PTN LOTS 48, 49 AND 50, San Antonio Court, San Leandro. Minnie M. Pelton to whom it may concern..... June 8, 1928
June 13, 1928—FIRST AND MARKET STS., Oakland. Howard Co to James T. Walsh..... June 11, 1928
June 13, 1928—NE EIGHTEENTH AND Campbell Sts., Oakland. Drayage Service Corp to Barrett & Hilp..... June 5, 1928
June 16, 1928—LOT 262 UNIT C, Oak Knoll Tract, Oakland. Alice Cowgill to Pacific Bldg Co, Inc. June 15, 1928
June 14, 1928—LOCATION NOT Given. R D Felt to Felt Bros..... June 14, 1928
June 16, 1928—LOT 54, Fernwood, Oakland. Walter E Schott to whom it may concern..... June 9, 1928
June 16, 1928—W CURTIS 308 N University Ave., Berkeley. Grace Davis to A G Davis..... June 16, 1928
June 15, 1928—SE COR. 22nd & FILBERT STS., Oakland. Rose Baking Co. to S. G. Rankin..... May 28, 1928
June 15, 1928—LOT 38 BLK 18, Map No. 6 Regents Park, Albany. M. H. Stanley to whom it may concern..... May 28, 1928
June 15, 1928—LOTS 293, 295, Terminal Junction Tract, Albany. O. H. Wright to A. I. Begley..... June 9, 1928
June 15, 1928—PTN LOTS 9 and 10 Blk C, Resub. Haight Tract, Alameda. Clarence L. Traver to whom it may concern..... June 9, 1928
June 15, 1928—301 HAIGHT AVE., Alameda. Clarence L. Traver to whom it may concern..... June 9, 1928
June 14, 1928—W SIDE PATTERSON Ave. 50 ft. N California St., Oakland. B. and Kate A. Deveze to Victor Sagues..... June 13, 1928
June 15, 1928—LOTS 1 and 2 Ptn LOT 3, Resub. Ptn Hollywood, Oakland, and San Leandro. Christine P. Stacy to whom it may concern..... June 13, 1928
June 15, 1928—1818 WALNUT ST., Oakland. Sanders Hayes to whom it may concern..... June 14, 1928
June 15, 1928—573 SPRUCE ST., Berkeley. Sam Steindel to Sam Steindel..... June 15, 1928
June 18, 1928—SW FOURTH & K STS., Livermore. Trustees of the Livermore Presbyterian Church to Niels Jensen..... June 4, 1928
June 18, 1928—SW NINTH & CASTRO STS., Oakland. Langley & Michaels Co. to Mailer Searles Inc. June 9, 1928
June 18, 1928—SW NINTH & CASTRO STS., Oakland. Langley & Michaels Co. to Diamond Patent Showcase Co. June 10, 1928
June 18, 1928—SW NINTH & CASTRO STS., Oakland. Langley & Michaels Co. to Tilden Lumber & Mill Co. June 10, 1928
June 18, 1928—SEVENTH & FALLON STS., Oakland. Southern Pacific Co. to John M. Bartlett..... June 11, 1928
June 18, 1928—SHATTUCK AVE, Berkeley. Southern Pacific Co. to Hutchinsonson Co., Inc. June 12, 1928
June 18, 1928—S 45th ST. bet. Adeline and Market Sts., Oakland. Peter Caneva to Joseph P. Silva. June 14, 1928

June 18, 1928—E BROADWAY 180 ft. S of Bay Island Ave., Alameda. Noble S. Justice to whom it may concern.....	June 15, 1928
June 18, 1928—N ORCHARD ST. 150 ft. W Summit St., Oakland. Peralta Hospital Inc. Imly Hillcrest Hospital Inc. to Capitol Art Metal Co. Inc.....	June 15, 1928
June 18, 1928—N ORCHARD ST. 150 ft. W Summit St., Oakland. Peralta Hospital Inc. Imly Hillcrest Hospital Inc. to Anderson's Carpet House.....	June 15, 1928
June 18, 1928—LOT 233 E 14th St. Terrace, Eden Twp. Charles H. Graham to whom it may concern.....	June 16, 1928
June 18, 1928—PTN LOTS 32, 33 and 34, Fuller and Todd Tract, Oakland. Mrs. Grace M. Crosby to whom it may concern.....	June 16, 1928
June 19, 1928—LOT 67 & PTN LOT 68 Broadmoor Park, San Leandro. Prudence C. Rogers to whom it may concern.....	June 11, 1928
June 19, 1928—1652 VISALIA ST., Berkeley. Olive M. Harvey to J. F. Hubbard.....	June 14, 1928
June 19, 1928—1819 SHORT ST., Berkeley. Anna A. Hill to whom it may concern.....	June 15, 1928
June 19, 1928—S LEGET DRIVE, 200 ft. E of Hampton Road, Oakland. B. S. Hanson to B. S. Hanson.....	June 19, 1928
June 18, 1928—PTN 267.46 acre piece of land first described in deed John H. Spring et al to Realty Syndicate, dated June 2, 1909, and recorded Vol. 1610 of deeds, page 122. S. M. Studebaker to whom it may concern.....	June 16, 1928

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
June 15, 1928—E LINE FRUITVALE Ave. 123.35 ft. N Pleasant St., Oakland. Western Asbestos Magnesia Co. vs Elinor H. and James B. Forster.....	\$794.88
June 15, 1928—PTN LOT 1 BLK M, Durant Manor, Oakland. Duner Matheny Sash & Door Co. vs R. H. Harker.....	\$160
June 15, 1928—PTN LOT 4 BLK 4 and ptn Cedar St. amended map of ptn L. A. Loma Park and Wheeler Tract, Berkeley. Zenith Mill & Lumber Co. Inc. vs K. A. MacMillan.....	\$298.75
June 13, 1928—PTN LOTS 11 AND 12 Map H C Dohr's Homestead, Emeryville. Al M Fearey Co vs C F and J C Coburn.....	\$430.52
June 12, 1928—LOTS 12 and 13 BLK C, Bella Vista Park, Oakland. Fraga & Ramos Mill & Lbr. Co. vs J. S. Wiggins.....	\$255.10
June 12, 1928—1635 SCENIC AVE., Berkeley. Bernhard Bahnsen vs Melbel M. and E. D. Bramlage.....	\$1200
June 15, 1928—E LAND OF J. Harder 1418.23 S County Road No. 2689, Alameda County. Eureka Mill & Lumber Co vs Tochio Domoto; Domoto Bros and American Machinery Co.....	\$214.28
June 16, 1928—LOT 3 BLK L, Melrose Acres, Oakland. Melrose Building Materials Co vs O H Gish.....	\$37.99
June 19, 1928—LOT 16 BLK B Survey made by G. C. Potter, Oakland. D. J. Swell vs D. D. Schindler and Frank La Place.....	\$350
June 18, 1928—E SAN PABLO AVE. 175 N 41st St., Oakland. Oakland Paving Co. vs J. C. Coburn (also known as John C. Coburn).....	\$221.07
June 18, 1928—NE MOUNTAIN BLVD. and Calafia Ave., Oakland. Aladdin Heating Corp. vs E. M. and Helen A. Bergsten.....	\$815
June 18, 1928—LOT 24 & PTN LOTS 23 and 25 Blk P Blks M, N, O, and P, Harmon Tract, Berkeley. Contra Costa Bldg. vs Jos. and Evelyn Canson.....	\$39.78
June 18, 1928—PTN LOT 1 BLK M Durant Manor, Oakland. Sequoia Mfg. Co. vs R. H. Harker.....	\$157.05
June 18, 1928—2442 COLLEGE AVE., Berkeley. Stead Bros. vs Cassie J. H. Conwell and Geo. S. King.....	\$31.25

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
June 15, 1928—PTN LOTS 14 and 15 Blk D, James Tract, Berkeley. Cobbedick-Kibbe Glass Co. to Albert and	

Eleanor Kessler and Harry E. Kane	\$532
June 15, 1928—LOT 2 BLK 22, NORTH-BRAE, Oakland. Berkeley Lumber & Mill Co., \$620.56; Superior Tile & Products Co., \$228; Hager Sash & Door Co., \$179; to C. E. Rednours.....	
June 15, 1928—LOT 2 BLK 22, NORTH-BRAE, Berkeley. P. L. Merrick to F. R. and Enrichette K. Marshall and Clyde E. Rednours.....	\$72.22
June 12, 1928—LOTS 5 and 6 and PTN Lot 7 Blk B, Waverly Place, Berkeley. Rhodes-Jamieson Co. to J. J. Kirth, Jr., F. and M. Nurm.....	\$260.10
June 12, 1928—630 COLUSA Ave., Berkeley. Albert Hoyte to R. M. Perry, B. Reinninghaus.....	\$110
June 16, 1928—LOTS 280-281, Madison Square, Oakland. Lee Greenhood Electric Co to E J McCord.....	\$40
June 16, 1928—PTN LOTS 280-281, Madison Square, Oakland. George A. Murry to E J McCord.....	\$75

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

REPAIRS	
HILLSBOROUGH. All work for repairs, etc., to residence.	
Owner—Frank H. Ames, Roblar St. Hillsborough.	
Architect—Willis Polk & Co., 277 Pine St., San Francisco.	
Contractor—Harry Kime, 118 12th St., San Mateo.	
Filed June 13, '28. Dated June 4, '28.	
As work progresses.....	75%
Usual 35 days.....	25%
TOTAL COST (Guarantee) \$5200	
Bond, limit, forfeit, none. Plans and specifications filed.	

RESIDENCE	
LOT 13 BLK 7, Baywood Park, San Mateo. All work for two-story residence and garage.	
Owner—S. V. Stewart, et al.	
Architect—Chas. H. Thompson, Arcade Bldg., Burlingame.	
Contractor—Wallace Waterhouse, 23 11th St., San Mateo.	
Filed June 12, '28. Dated June 5, '28.	
Rough floor down.....	\$1683.75
Frame up.....	1683.75
Finish woodwork done.....	1683.75
Completed.....	1683.75
Usual 35 days.....	1683.75
TOTAL COST, \$11,225.00	
Bonds, \$5557.50 and \$2778.75. Surety, Hartford Accident & Indemnity Co. Limit, Jan. 1, 1929. Forfeit, none. Plans and specifications filed.	

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$3800; Lot 126 corner 1st & Hobart St., and Sycamore and Shafter; owner, Leadley and Wiseman, 207 2nd Ave., San Mateo.	
RESIDENCE, \$4000; Lot 131 Sycamore & Shafter, San Mateo; owner Leadley & Wiseman, 207 2nd Ave., San Mateo.	
RESIDENCE, \$4000; Lot 127 Sycamore & Shafter, San Mateo; owner, Leadley & Wiseman, 207 2nd Ave., San Mateo.	
RESIDENCE, 1-story, \$4000; Lot 9, Blk 5 Palm Ave., San Mateo; owner, Mrs. Barbara Gordon, 1004 Elm St., San Carlos; plans by owner; contractor, Hugo Hultberg.	
RESIDENCE, 2-story frame, \$13,000; Lot 33 Blk 5 Virginia and Georgetown Ave., San Mateo; owner, Thos. H. Cavanaugh.	

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
June 15, 1928—LOT 25 BLK 19, Miibrae Highlands. Frank C Grisez to whom it may concern.....	June 14, 1928
June 15, 1928—PART LOT 216, San Mateo Park. D Haule to whom it may concern.....	June 5, 1928
June 16, 1928—LOT 28 BLK 2, San Bruno. Edith V Wanner to whom it may concern.....	June 11, 1929
June 16, 1928—LOT 20 BLK 4, Parkway, Terrace, San Mateo. Carlo Germano to Antonio Pianca.....	May 21, 1928
June 16, 1928—LOT 29 BLK 2, San Bruno Park, San Mateo. Axel Boes to whom it may concern.....	June 15, 1928

June 16, 1928—LOT 18 BLK 45, Dingee Park, San Mateo. E K Nelson et al to whom it may concern.....	June 16, 1928
June 11, 1928—PART LOT 5 BLK 1, Jefferson Acres. Earl D Baird to whom it may concern.....	June 9, 1928
June 11, 1928—PART LOT 1 E Hill Villa, San Mateo. Julius Berendsen to Chas M Alley.....	June 8, 1928
June 12, 1928—LOT 9 BLK 10, Lyon & Hong Sub., San Carlos. John B. MacDonald to whom it may concern.....	June 12, 1928
June 12, 1928—PART LOT 139, West End Homestead, San Mateo. Frank L McAfee to whom it may concern.....	June 9, 1928
June 12, 1928—LOT 22 BLK 3, East San Mateo. R E Broderick to whom it may concern.....	June 7, 1928
June 12, 1928—LOT 8 BLK 12, Burlingame Terrace. Frank H Ball to whom it may concern.....	June 11, 1928
June 12, 1928—BELMONT. College of Notre Dame to Frank H Raffo Co and Fibertone & Roofing Co.....	June 12, 1928
June 13, 1928—LOT 4 BLK 13, Burlingame. B Norberg to whom it may concern.....	June 9, 1928
June 13, 1928—LOTS 32 AND 33 BLK 20, San Carlos. P Valcornesi et al to E Touin et al.....	June 11, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded	Accepted
June 12, 1928—LOT 19 BLK 1, Burlingame. Wisnom Lumber Co vs Harry A Kelley.....	\$477.25

BUILDING CONTRACTS

SANTA CLARA COUNTY

RECORDED

LAUNDRY	
W SIXTEENTH ST., bet. St. John and Santa Clara Sts., San Jose. Electrical work for laundry building.	
Owner—Temple Laundry Co., Inc., 15th and St. John Sts., San Jose.	
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.	
Contractor—Guilbert Bros. Elec. Co., 286 W-Santa Clara St., San Jose.	
Filed June 12, '28. Dated June 4, '28.	
On or about 6th of each month.....	75%
Usual 35 days.....	Balance
TOTAL COST, \$7230	
Bond, \$3615. Sureties, H. Guilbert and W. C. Parsons. Limit, commence as soon as structure is ready for same and completed not more than 30 days after completion of contract. Forfeit, none. Plans and specifications filed.	

DWELLING

LOT 40, HILLCREST SUBDIVISION, San Jose. All work for two-story 8-room Spanish dwelling.	
Owner—Almer R. and Neil W. Lundin, Bank of San Jose Bldg., San Jose.	
Designer—George S. Kocher, 300 S-17th St., San Jose.	
Contractor—George S. Kocher, 300 S-17th St., San Jose.	
Filed June 13, '28. Dated June 12, '28.	
Frame completed.....	\$206
1st coat plaster on.....	2067
Building completed.....	2067
Usual 35 days.....	2067
TOTAL COST, \$8265	
Bond, \$4134. Surety, John R. Kocher. Limit, 90 days. Forfeit, none. Plans and specifications filed.	

ALTERATIONS

LOTS 22, 23 AND 24 BLK 24, Seale Addition No. 2, Palo Alto. All work except heating, lighting fixtures, shades furnishing finished hardware, but installing same for alterations to two-story and basement frame building and erecting new garage building.	
Owner—R. D. Robbins.	
Architect—Wm. H. Crim Jr., 425 Kearny St., San Francisco.	
Contractor—Henry B. Post.	
Filed June 13, '28. Dated June 12, '28.	
As work progresses.....	75%
Usual 35 days.....	25%
TOTAL COST, \$17,620	
Bond, \$8810. Sureties, J. H. Pierce and specifications filed.	

RESIDENCE & GARAGE

LOT 25 LAUMEISTER SUBDN. Blk 4 Seale Tract No. 7, Palo Alto; all work on 1-story frame residence and garage (18x20-ft.)	
---	--

Owner—Elizabeth Mc J. Tyng, 1260 Emerson St., Palo Alto.
 Architect—None.
 Contractor—Osborne & Knight, San Jose.
 Filed June 9, 1928. Dated June 7, 1928.
 When frame is completed.....\$1,895.25
 When plastering is completed.....1,895.25
 When building is completed.....1,895.25
 Usual 35 days.....1,895.25
TOTAL COST, \$7,581.00
 Limit, 90 days.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 June 14, 1928—LOT 2 BLK N Southgate
 Palo Alto. Harry C. Yates to whom
 it may concern.....May 5, 1928
 June 13, 1928—GRADING for const. of
 yard tracks, Santa Clara. Southern
 Pacific Co. to whom it may concern
June 5, 1928
 June 14, 1928—LOT 5 Atlas Subd., San
 Jose. Frederick A. Halla, et al to
 whom it may concern.....June 6, 1928
 June 14, 1928—56.25 ft. SW 1st and
 Santa Clara Sts. W. San Jose. (Own-
 er and contractor not given).....
June 5, 1928
 June 12, 1928—LOT 2 Willows Half
 Acre, San Jose. Ira Brotzman to
 whom it may concern.....June 12, 1928
 June 12, 1928—W CAROLYN Ave. 903.98
 ft. N present line Willow St., San
 Jose. George D. McCrary to whom it
 may concern.....June 12, 1928
 June 14, 1928—LOT 11 BLK 6, Palm
 Haven. H. Steele et al to whom it
 may concern.....June 13, 1928
 June 13, 1928—LOT 16 BLK 1 Terra
 Bella, San Jose. Raymond R. Alli-
 son to whom it may concern.....
June 13, 1928
 June 8, 1928—NE TENTH AND MAR-
 garet Sts., San Jose. Grover S Car-
 penter to whom it may concern.....
June 8, 1928
 June 9, 1928—NW EIGLEBERRY AND
 Fourth Sts., Gilroy. Lee W Barsh-
 inger to whom it may concern.....
May 7, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 June 11, 1928—LOTS 1 AND 2 BLK 3,
 Glen Ridge Terrace, San Jose A W
 Templeman vs Fred H and Louise
 Bergman\$71.90
 June 13, 1928—NW SANTA CLARA &
 Sixth Sts., San Jose. Turnes Hard-
 ware & Implement Co vs San Jose
 Medico-Dental Bldg.\$1227.70

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 June 14, 1928—LOT 9, Kellogg Tract,
 Mt. View. The Minton Co to Marie
 Gongaes Guerro et al.....\$49.38

BUILDING PERMITS

SAN JOSE

COMBINATION business and residence
 building, \$4000; Stockton St. near
 Cinnabar St., San Jose; owner, J. S.
 Enright, 605 S. Eleventh St., San
 Jose; contractor, E. Harton, Reed
 and Eleventh Sts., San Jose.
 RESIDENCE, 4-room, \$2750; O'Brien St.
 near Cook, San Jose; owner, Wm.
 Costa, Bank of Italy Bldg., San Jose;
 contractor, Thos. Gion, 810 Pine Ave.,
 San Jose.
 ALTER Industrial building, \$2500; No.
 560 N-Sixth St., San Jose; owner,
 Garden City Pottery Co., Premises;

contractor, Z. O. Field & Son,
 Builders' Exchange Bldg., San Jose.
 RESIDENCE, 6-room, \$7500; Emory St.
 near Chapman, San Jose; owner,
 Clyde Alexander, Box 329 Rt. A, San
 Jose.
 RESIDENCE, 4-room, \$1975; Third St.
 near Keyes, San Jose; owner, Mrs.
 E. E. Ketchum, 657 Willow St., San
 Jose.
 ALTEIT residence, \$1000; No. 343 S-
 Eighth St., San Jose; owner, Mrs.
 M. Gerlach, Premises; contractor, Z.
 O. Field & Son, Builders' Exchange,
 San Jose.
 RESIDENCE, 5-room, \$4400; Twentieth
 St. near McKee, San Jose; owner, E.
 Brown, 1369 Oak St., San Francisco;
 contractor, A. A. Douglass, 396 N-
 18th St., San Jose.
 RESIDENCE, 2-story 6-room, \$5000;
 Sierra St. near Park, San Jose; own-
 er, A. E. Hamilton, 256 Sierra St.,
 San Jose.
 RESIDENCE, 5-room, \$3600; Atlas St.
 near The Alameda, San Jose; owner,
 Geo. Pereira, Atlas Ave., San Jose.

BUILDING PERMITS

PALO ALTO

RESIDENCE, frame and rustic, \$7200;
 No. 2320 Southcourt St., Palo Alto;
 owner, Elizabeth M. Tyng, 1260 Em-
 erson St., Palo Alto; architect, Chas.
 S. Keefer; contractor, Osborne &
 Knight, 455 Cornell St., Palo Alto.
 STORE building Class C reinforced con-
 crete, \$5000; No. 2080 El Camino
 Real, Palo Alto; owner, L. Carrie, 248
 Homer St., Palo Alto; contractor, J.
 H. Crawford.
 DWELLING, frame and rustic, \$3000; No.
 2141 Emerson St., Palo Alto; owner,
 A. F. Kleine & Son, 220 Santa Rita
 St., Palo Alto.
 RESIDENCE, frame and stucco, \$3000;
 No. 385 Chestnut St., Palo Alto;
 owner, Arthur G. Cooper.
 ALTER and repair dwelling, \$2500; No.
 370 Addison Ave., Palo Alto; owner,
 Robert L. Kester, Premises; contrac-
 tor, F. M. Armstrong, 409 Central
 St., Palo Alto.

BUILDING CONTRACTS

MONTEREY COUNTY

RECORDED

DWELLING
 N 40 FT. LOT R BLK 2, Sherwood &
 Hellman's Map, Salinas. All work
 for reinforced concrete dwelling and
 3-stall garage.
 Owner—Florence Baker, Salinas.
 Architect—None.
 Contractor—E. M. Britt, Salinas.
 Filed June 15, '28. Dated May 23, '28.
 Foundation laid and walls ready
 to be poured\$1050
 Roof on1050
 Work completed1050
 Usual 35 days.....1050
TOTAL COST, \$4200
 Bond, limit, forfeit, none. Plans and
 specifications filed.

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
 June 18, 1928—LOT 7 BLK 39, Carmel
 City. Ernest W. Gien to J E Nichols
June 11, 1928
 June 18, 1928—LOTS 10 AND 12 BLK
 22, Map First Addition to Pacific
 Grove Retreat, Monterey County.
 Alden Irwin McGill to whom it may
 concern.....June 13, 1928
 June 18, 1928—THAT PTN OF LOT 1,
 Locke Paddon Addition to Salinas.
 Robert W Adcock to whom it may
 concern.....June 18, 1928

June 19, 1928—LOT 15 BLK 3, Addition
 No. 11 to Carmel-by-the-Sea. Maud
 May and Ray C De Yoe to whom it
 may concern.....June 18, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount
 June 16, 1928—CHINA POINT, Pacific
 Grove. Lee C Bettinger vs Leland
 Stanford Junior University and Ray
 Construction Co.....\$193

BUILDING PERMITS

BURLINGAME

APARTMENT COURT, \$11,500; Lot 7
 Blk 17 Myrtle Road, Burlingame;
 owner, Helen Donaldson, 112 Victoria
 Burlingame.

BUILDING PERMITS

STOCKTON

RESIDENCE and garage, \$5750; 669 So.
 Tuxedo, Stockton; owner, H. S. Nich-
 ols, 666 So. Tuxedo Ave., Stockton;
 contractor, M. A. Orcutt, 620 N Cen-
 tral Ave., Stockton.
 STORE and dwelling, \$1800; 445 S Stan-
 islaus, Stockton; owner, Daniel E.
 Baine.
 DWELLING, \$1800; 1225 E Church St.,
 Stockton; owner H. C. McKisson, 1022
 N Wilson Way., Stockton.
 STORAGE Shed, \$2200; 824 S California,
 Stockton; owner, Yolland Ice & Fuel
 Co., 245 N El Dorado, Stockton.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RECORDED

BUILDING
 LOT 13 BLK 73 east of Center St., Stock-
 ton; all work on building.
 Owner—J. F. Shepherd, First National
 Bank Bldg., Stockton.
 Contractor—W. E. Albertson, 844 W Park
 Stockton.
 Filed June 13, 1928. Dated June 9, 1928.
TOTAL COST, \$1500
 Limit, August 25, 1928.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 June 18, 1928—LOT 7 BLK 2, Parker
 Estate, Tracy. Henry Schmidt to
 William C Braasch.....June 12, 1928
 June 18, 1928—N ½ BLK 41, South of
 Mormon Chapel, Stockton. Yolland
 Ice & Fuel Co to F R Zinck.....
June 14, 1928
 June 18, 1928—S ½ LOT 17 BLK 4, City
 Park Terrace, Stockton. E Marlo to
 whom it may concern.....June 14, 1928
 June 18, 1928—N ½ LOT 17 BLK 4,
 City Park Terrace, Stockton. E
 Marlo to whom it may concern.....
June 11, 1928
 June 18, 1928—LOT 9 BLK 41, West
 of Center St., Stockton. Rosa Den-
 son to George H Prestley.....June 14, 1928
 June 12, 1928—LOTS 9 AND 11 BLK 7,
 Jackson's Addition, Stockton. Arthur
 Hollenbeck to whom it may concern
June 9, 1928
 June 12, 1928—LOT 1 BLK 29, Subdvn
 No. 2, Tuxedo Park Man B. Stockton.
 William C Roberts to Hans E Fedde
 Jr.....June 5, 1928

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
 June 14, 1928—N HALF LOTS 7, 9 and
 11 Blk 94 W of Center St., Stockton.
 Yolland Ice & Fuel Co. vs W. H.
 Brown, John Doe, Richard Doe and
 Joe Doe.....\$358.03

COMPLETION NOTICES

SONOMA COUNTY

Recorded Accepted
 June 11, 1928—NO. 817 WRIGHT ST.,
 Santa Rosa. Lawrence L Dibble to
 whom it may concern.....June 9, 1928
 June 12, 1928—LOT 99 BLK 9, Pruides

Specify A GROTH FIREPLACE DAMPER FURNACE

and insure yourself against a smoky fireplace. It saves your heat and cir-
 culates pure warm air, keeping home at an even temperature, 50 percent
 saving of fuel will pay for installation. Burns Coal, Wood or Gas.

GROTH-GAGE CO.,

816 W. 5th Street

Los Angeles, Calif.

Subd. to Santa Rosa. Hazel S Ernst to W F Bohn.....June 11, 1928
June 4, 1928—PART BLK 8, Morgan Bros. Addition to Santa Rosa. E N White to Overton Bros.....May 28, 1928
June 4, 1928—LOT 13 BLK 9, Map 2, Guernwood Terrace. Emma C Kett to whom it may concern.....May 20, 1928
June 7, 1928—PTN BLK 8, Morgan Bros. Addn to Santa Rosa. John Zuur (Clinton E and Jessie E Hood) to A L Overton.....June 6, 1928

RELEASE OF LIENS

SONOMA COUNTY

Recorded Amount
June 7, 1928—NW RIPLEY ST. AND Berry Lane. Santa Rosa. F E Thompson to Frank J Corrick; J R Edwards; R A Belden and R D Dixon.....\$363.90
June 7, 1928—NW RIPLEY ST. AND Berry Lane. Santa Rosa. F E Thompson to John Zuur; Guaranty zBldg & Loan Assn; Frank Corrick; J R Edwards; R A Belden and R D Dixon.....\$363.90

COMPLETION NOTICES

MONTEREY COUNTY

Recorded Accepted
June 13, 1928—LOT 10 BLK 163, Pebble Beach Tract, Monterey County. Enid Crippen Mullin and G H Mullin to Gottfried & Hale.....June 8, 1928
June 13, 1928—LOTS 35 AND 36 BLK 3, Map Villa Del Monte being resubdivn of Blks 1, 3 and 10, Live Oak Park, Monterey. C E Jewell to whom it may concern.....June 12, 1928
June 14, 1928—LOT 22 BLK 24 Map of Springs Second Addition to Salinas City. Howard F and Florence S Ross to Baird & Fell.....June 14, 1928
June 14, 1928—W ½ LOTS 1, 3 and 5 Blk 6, Withers' Addition to Monterey City. E V Swayze to J C Anthony.....June 11, 1928
June 14, 1928—LOTS 7 AND 9 BLK 6, Withers' Addition to Monterey City. Gilbert F Uht to J C Anthony.....June 11, 1928
June 14, 1928—LOT 9 BLK 12, Withers' Addition to Monterey City. Fred D Marquise to J C Anthony.....June 11, 1928

LIENS FILED

MONTEREY COUNTY

Recorded Amount
June 14, 1928—LOT 11 BLK 130, Map Peters Gate Subdivision, Monterey. M J Murphy vs Paul Cademartori.....\$1861.63
June 14, 1928—LOT 10 BLK 130 Map Peter's Gate Sbdvn, Monterey. M J Murphy vs Paul Cademartori.....\$1861.83

BUILDING PERMITS

SACRAMENTO

RESIDENCE, 6-room, and garage, \$3000; 2659 13th St., Sacramento; owner, R. A. Haddick, 2857 Marshall Way, Sacramento; contractor, A. Kaiser, 10th and J Sts., Sacramento.
RESIDENCES, two 5-room, and garage, \$4600 each; 1710-1720 Berkeley Way, Sacramento; owner, J. Pedone, 914 S St., Sacramento.
RESIDENCE, 4-room and garage, \$2500; No. 3310 32nd St., Sacramento; owner, Cutter Bros., 1749 Stockton Blvd., Sacramento; contractor, H. Pierce.
RESIDENCE, 6-room and garage, \$5000; No. 2617 San Jose Way, Sacramento; owner, R. H. Sayre, 3015 58th St., Sacramento; contractor, C. E. Mendenhall.
RESIDENCE, 5-room, and garage, \$4000; 3101 10th Ave., Sacramento; owner, Chas. Dean, 2223 24th St., Sacramento; contractor, P. R. Opdyke, 3239 E St., Sacramento.
RESIDENCE, 5-room, and garage, \$6000; 1701 U St., Sacramento; owner, J. B. Mazzuchi, 1713 U St., Sacramento; contractor, P. R. Opdyke, 3239 E St., Sacramento.
RESIDENCE, 6-room, and garage, \$4500; 1813 T St., Sacramento; owner, J. M. C. Rogers, 5016 13th Ave., Sacramento.
RESIDENCE, 6-room, and garage, \$5000; 3099 10th Ave., Sacramento; owner, P. R. Opdyke, 3239 E St., Sacramento.

RESIDENCE, 4-room and garage, \$3000; No. 2509 Burnett Way, Sacramento; owner, I. L. Johnson, 1260 33rd St., Sacramento.
GARAGE, \$6000; No. 1621 L St., Sacramento; owner, M. Perliz, 730 L St., Sacramento.
RESIDENCE, 7-room and garage, \$6000; No. 3501 M St., Sacramento; owner, Bowen & McMahon, 1015 8th St., Sacramento.
RESIDENCE, 5-room and garage, \$4000; No. 1740 42nd St., Sacramento; owner, L. O. Fara, Stockton Blvd. and 22nd Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
June 15, 1928—WALNUT GROVE. Southern Pacific Co to whom it may concern.....June 14, 1928
June 13, 1928—RAILROAD YARD AT 12th St. to Calif. Corp. Canneries N of North B St along 7th St., Sacramento. Southern Pacific Co to whom it may concern.....June 12, 1928
June 13, 1928—LOT 19, Oakvale No. 2, Sacramento. Lucile Ames to whom it may concern.....June 8, 1928
June 13, 1928—S ½ OF E ½ LOT 8, M, N, 17th and 18th Sts., Sacramento. Dorothy P Hark to whom it may concern.....June 12, 1928
June 14, 1928—LOT 6 Katherine Waldron Tract, Sacramento. Oren K. Myers to whom it may concern.....June 12, 1928
June 18, 1928—S ½ OF E ½ LOT 4, P, O, 30th and 31st Sts., Sacramento. Manuel M and Mary Silveria to whom it may concern.....June 16, 1928
June 18, 1928—LOT 239 BLK 22, Col. Hts., Sacramento. Gilbert C Hall to whom it may concern.....June 16, 1928
June 18, 1928—LOT 14 BLK E, Highland Park, Sacramento. Isobel S Chappell to whom it may concern.....May 18, 1928
June 18, 1928—LOT 61, Showler Terrace, Sacramento. Edward Lee to whom it may concern.....June 15, 1928
June 18, 1928—S 115 FT. LOT 5, G, H, 30th and 31st Sts., Sacramento. H L Flaven to whom it may concern.....June 16, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
June 16, 1928—LOT 12 BLK 26, Del Paso Heights, Sacramento. Mapes Lumber Co vs Joe Batchert.....\$25.70
June 15, 1928—LOT 1476 TRACT 30, W & K Sub., Sacramento. M Russell vs Charles E Orwig.....\$42.80
Recorded Accepted
June 12, 1928—LOT 19, Jenkins Oaks, Sacramento. Hanshaw and Wells vs A. R. Greeman.....\$22
June 12, 1928—Dolan Bldg. Mat. Co. vs Charles E. Orwig and wife.....\$126.25
June 5, 1928—E ½ LOT 1482 W and K tract 30, Friend and Terry Lbr. Co. vs George E. and Mabel A. Miller.....\$338.23
June 9, 1928—LOT 19, Western Pacific Addition, Sacramento. Llyod E Masters vs Wm T Martin and Glenn Ferris Van Vliet.....\$277
June 9, 1928—LOT 18 Western Pacific Addition, Sacramento. Llyod E Masters vs Wm T Martin and Harold O Nygard.....\$277

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Amount
June 14, 1928—N ½ of S ½ LOT 1 V & W 25th and 26th Sts., Sacramento. S. R. Rogers to Gus Thiery.....

BUILDING PERMITS

FRESNO

STORE, \$6850; 148 First St., Fresno; owner, W. M. Burton; contractor, H. P. Nelson, 822 S 5th St., Fresno.
DWELLING, \$4000; 1404 Poplar Ave., Fresno; owner, J. D. Brase, 2049 Poplar Ave., Fresno.
DWELLING, \$3500; 2129 Elm Ave., Fresno; owner, H. Rudolph, 2720 Fresno St., Fresno; contractor, J. D. Brase, 2049 Poplar St., Fresno.

DWELLING, \$3400; 2257 Lotus St., Fresno; owner, Alex Oldberg, 2166 Rose Ave., Fresno; contractor, Henry Rosenthal.

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

ONE-STORY BUILDING
LOTS 1, 2 BLK 37, Arlington Heights, Fresno; all work on 1-story building. Owner—W. M. Burton.
Contractor—H. P. Nelson, 822 S 5th St., Fresno.
Filed June 12, 1928. Dated June 7, 1928.
Work progresses.....75%
Bal. 35 days after notice of completion time.....25%
TOTAL COST, \$6,700
Bond, \$3,350. Sureties, R. C. Reh and A. C. Woodstock. Limit, 60 working days. Plans filed.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
June 16, 1928—LOTS 9 AND 10 BLK 5, Sierra Vista Addn, Fresno. A J Powell to whom it may concern.....June 16, 1928
June 15, 1928—FRESNO HIGH SCHOOL Gymnasium. Fresno City High School District to Price-Teltz Co. June 14, 1928
June 15, 1928—JOHN BURROUGHS Elementary School, Fresno. City of Fresno School District to Otto W Baty.....June 14, 1928
June 15, 1928—JEFFERSON SCHOOL Addition, Fresno. City of Fresno School District to Jolly & Harrington; Madary's Planing Mill; Jas E Harrison; Electric Constr Co (4 completions).....June 14, 1928
June 15, 1928—L A WINCHELL School, Fresno. City of Fresno School District to Otto W Baty.....June 14, 1928
June 15, 1928—LOTS 20 AND 21 BLK 2, Blackstone Ave Terrace No. 2, Fresno. W C Wiles to whom it may concern.....June 14, 1928
Recorded Accepted
June 12, 1928—LOTS 17 AND 18 BLK 314 Fresno. Domenico Astone to whom it may concern.....June 11, 1928
June 14, 1928—LOTS 5, 6 BLK 6, Kenmore Park, Fresno. E. E. Lewis to whom it may concern.....June 14, 1928

BUILDING PERMITS GRANTED AT SAN ANSELMO

Following building permits were granted by the city trustees of San Anselmo, during the month of May, 1928:
Cecelia Fitzgerald; dwelling; lot 4, block 2, Cordone Tract; Est. cost \$3500.
F. Maxwell; garage; lot 11, block 2, Morningside Court; Est. cost \$175.
Mrs. F. R. Eule; garage; portion lot 135 Ross Valley Park, San Anselmo Ave.; Est. cost \$200.
R. Gheffoli; garage; Butterfield Road; Est. cost \$500.
C. Poli; addition to dwelling; portion lot 4 Davidson Tract, Olive Ave.; Est. cost \$200.
L. Cordone; repairs to dwelling; lot 400 Short Ranch, San Francisco Blvd.; Est. cost \$1000.
Mrs. N. Redmond; garage; portion of lots 21B and 21C Bush Tract, Medway Road; Est. cost \$300.
Leach & Wallace; dwelling; portion lot 19A Bush Tract, Medway Road; Est. cost \$4000.
T. M. Shea; alterations to dwelling and erect garage; portion lot 5 Davidson Tct., Olive Ave.; Est. cost \$500.
E. J. Conlan; dwelling; lot J Sub. Lots 14 and 14A Bush Tract, San Anselmo Ave.; Est. cost \$3500.
E. J. Knowlton; garage; lot 49 Short Ranch, Sub. 1, Butterfield Road; Est. cost \$125.
C. H. Witham; dwelling; lot 13, block 3, Morningside Court (Morningside Drive); Est. cost \$4000.

A national wide credit survey is being undertaken by the Department of Commerce and the National Retail Credit Association. If this were to extend to the construction industry no doubt some startling facts would be revealed. There is hardly an industry that does a greater amount of credit business with such poor credit facilities.—American Contractor.

ERECT 25-STORY STEEL BUILDING IN 36 DAYS

Steel erection on the Lawyers Building, 100 LaSalle St., Chicago, is said to have been completed in less time than for any other building of the same height and with an equal tonnage of steel. This office building is 91 ft. 2 in. x 36 ft. 6 in. in plan and about 290 ft. high, with 25 stories and basement, requiring 1956 tons of structural steel. All the steel consisted of columns and beams, no girders or trusses being involved.

Delivery of steel began on Feb. 24 and the final delivery was made on April 13, the erection being completed shortly afterward in the record time of seven weeks, or 36 working days. Three days are deducted for bad weather when the erecting gangs could not work, while Saturdays are figured as half days, since the erectors quit work at noon. This entire erection was done on a straight time basis, without any overtime. The erection forces consisted of 50 men. One guyed derrick was used of 15 tons hoisting capacity, with an 85-ft. boom and 100-hp. electric hoist. Material was handled by motor trucks from the local plant of the steel company to the site.

Rapid erection was made practicable largely by prompt delivery of steel and the ability of the erectors to take advantage of this in pushing the work faster than had been scheduled. For their original schedule, the erectors required complete delivery of an entire tier of columns, with two floors of beams and spandrels, in two days, at the rate of three tiers every two weeks. But after the first tier was delivered, the steel company gave each entire tier with corresponding floor beams, in 1½ days up to the tenth floor and then each entire tier in one day. From the first tier upward, the delivery was two tiers or stories each week, instead of three tiers

every two weeks, while in one week three entire tiers were delivered. There were practically no corrections in the field, owing to accurate fabrication at the shop.

The architects are Graven & Mayger, with Lieberman & Hein as structural engineers. The general contractor was the Lundoff-Bicknell Company. The Gage Structural Steel Company furnished the steel, and the Overland Construction Company was contractor for steel erection. All these are Chicago firms.

PACIFIC MINERALS COMPANY TAKES OVER ROCK PLANTS

Formation of a new company to take over the holding of two firms engaged in the rock quarry and crushing business was announced with the filing of articles of incorporation in Martinez by the Pacific Minerals Company of Richmond, with a capitalization of \$500,000.

The new company will acquire a rock quarry at Angels Camp, operated in the past by the Angeles Greenstone Company, and a slate crushing plant at Placerville that has been operated by the Western Slate Products Company. Chas. S. Renwick of Richmond becomes president and manager of the amalgamated company, with interests of both firms represented in the Board of Directors. Renwick has been managing the quarry at Angels Camp for some time.

Other officers and directors of the company are Kenneth A. Williams at Altadena, vice president; T. H. DeLap of Richmond, secretary; Larkin J. Younce of Richmond and Malcolm Stewart of Burlingame.

The firm will engage in the business of crushing slate and greenstone for use in the manufacture of various types of roofing materials. It will maintain its offices in Richmond in the American Trust Building.

SCHUMACHER WALLBOARD CORP. EARNINGS GREATER

Earnings of the Schumacher Wall Board Corporation for the second quarter of the year should run approximately 1 per cent higher than for the corresponding quarter of last year, officials of the company state. Sales at this time are 15 per cent higher as compared with the second quarter of 1927 and plants of the company are operating at about 30 per cent of capacity on a 24-hour-a-day basis.

Schumacher Wall Board Corporation is one of the largest manufacturers of wall board and plaster lath, and recently placed on the market an improved wall board which is sold under the name of Schumite.

The company also inaugurated a program of expansion including national distribution of the products and the expansion of the factory capacities. Estimated monthly capacity is running at about 7,000,000 square feet, compared with 4,000,000 square feet prior to the factory expansion.

Preferred stock is listed on the San Francisco Curb Exchange and the common was recently placed on the Los Angeles Stock Exchange.

SIBERIAN LUMBER SHIPPED TO JAPAN DURING YEAR 1927

During 1927, 372,000 M board feet of timber from Hokkaido, 1,140,000 M board feet from Saghalien, and 180,000 M board feet from Siberia, a total of 1,692,000 M board feet of timber, were shipped to Japan proper and China, with only small quantities going to China, it is reported, according to advices from Assistant Trade Commissioner Howard B. Titus, Tokyo.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

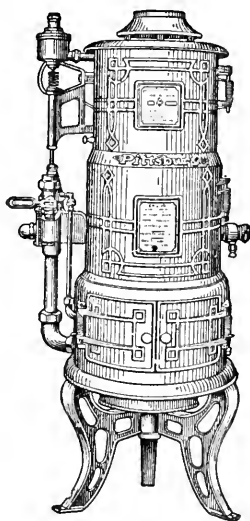
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

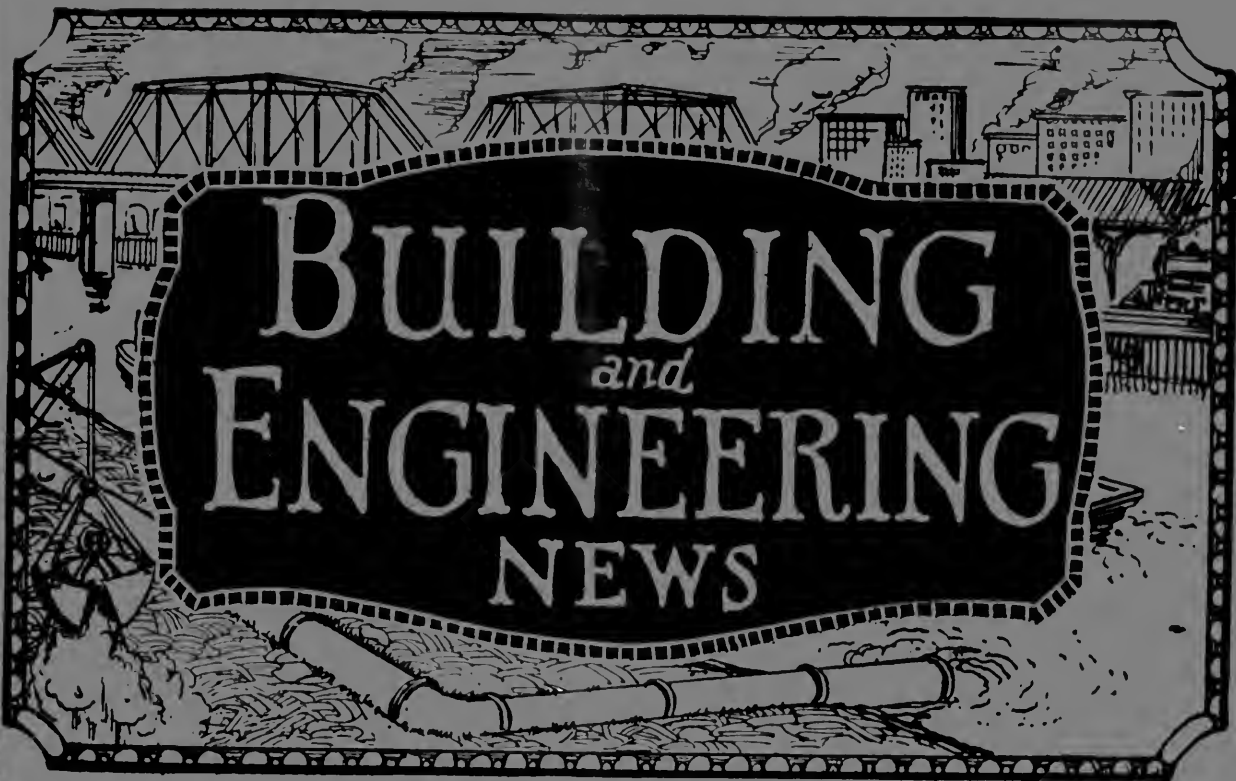
STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS



Publication Office
547 Mission Street

SAN FRANCISCO, CALIF., JUNE 30, 1928

Published Every Saturday
Twenty-eighth Year, No. 26

TIMPIE HYDRATED LIME

(a true dolomite lime)

for Brick Mortar, White Coat and Sand Float Finish, and for inducing plasticity in and water proofing Portland Cement Concrete.

Used in approximately \$70,000,000 High Class Pacific Coast construction in last 3 years.

EXAMPLES:—

New Standard Oil Building, San Francisco	Central Bank, Oakland
Oakland Savings Bank	New Subway Terminal Building, Los Angeles
New Mark Hopkins Hotel, San Francisco	Federal Reserve Bank, San Francisco
New Hunter-Doolin Building, San Francisco	New Russ Building, San Francisco
Pacific Telephone and Telegraph Building, San Francisco	

Sold by most progressive dealers throughout Pacific Coast.

For special information write or wire

UTAH LIME AND STONE CO.

907 CONTINENTAL NAT. BANK BLDG., SALT LAKE CITY, UTAH

W. L. Ellerbeck, *Vice-President and General Manager*



Russian Peasant Women Placing Straw Around Their Dwelling to Keep the Cold Out

Applying time - proved methods of insula- tion to modern day needs

NO one knows the value of building insulation as do the inhabitants of either extreme cold or extreme hot climates. These natives have realized for hundreds of years the value of insulation—particularly straw insulation. These people, not having a complete scientific knowledge of heat and cold values, made their selection of an insulating material by actual test. After their many crude experiments on different products—straw was finally chosen as their most perfect means of protection against heat and cold.

And today, this time-proved method of insulation is offered in a perfected form—INSO BOARD—manufactured in sturdy panels 7/16" thick, 4 feet wide and any length desired. It has many structural insulation uses such as—(1) Plaster Base, (2) Sheathing under stucco, brick or wood exterior, (3) Roof Insulation, (4) Under Flooring, (5) Wall and Ceiling finishing panels, (6) Sound Deadener, and (7) Insulating inner Walls.

DEALERS will find INSO BOARD a profitable connection, combined with the sales and advertising co-operation which will be WHOLLY AT OUR EXPENSE. Write today for particulars.

THE STEWART INSO BOARD COMPANY

Saint Joseph, Missouri



Picture Showing African Natives Using Straw on the Roof of Their Huts



A Philippine Island Home. The Roof is Covered Entirely with Straw



South American Homes, with Straw Covered Roofs

INSO BOARD

THE PERFECT BUILDING INSULATION

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JUNE 30, 1928

Twenty-eighth Year, No. 26



545-547 MISSION ST., SAN FRANCISCO
Kearny 1252

STARK-RATH PRINTING AND
PUBLISHING CO., Publishers

J. P. FARRELL, Editor

J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Subscription terms payable in advance
U. S. and Possessions, per year.....\$5.00
Canadian and Foreign, per year..... 6.00
Single Copies25c

Entered as second-class matter at
San Francisco Post Office under act of
Congress of March 3, 1879.

N. Y. SENATOR SEEKS TO PROHIBIT SPRAY PAINTING

Senator Copeland, of New York City, has introduced a bill in the Senate to prohibit the use of spray painting machines in the United States and District of Columbia. The bill has been referred to the Senate Committee on Education and Labor and is as follows:

That it shall be unlawful for any person to use or cause to be used any spray painting compressed-air machine or other device for spraying paint by means of air pressure in any Territory or possession of the United States or in the District of Columbia.

Section 2. It shall be unlawful for any officer of the United States or of any Territory or possession, or of the District of Columbia, or any contractor, or subcontractor whose duty it is to employ, direct, or control any laborer or mechanic upon any of the public works of the United States or of any Territory or possession, or of the District of Columbia, to require or permit the use of any such machine or device upon any of such public works, or in the performance of any contract to which the United States, or any Territory or possession, or the District of Columbia is a party, or which is made for or on behalf of the United States, or any Territory or possession, or said District.

Sec. 3. Any person who violates any of the provisions of this Act shall be guilty of a misdemeanor, and shall, upon conviction, be punished by a fine of not more than \$1,000, or by imprisonment for not more than six months, or both. Each day or part of a day on which any machine or device is used, or caused or required or permitted to be used, contrary to the provisions of this Act, shall constitute a separate offense.

Sec. 4. As used in this Act, the term "person" includes individual, partnership, corporation, and association.

Sec. 5. This Act shall take effect on the thirtieth day after its passage.

S. P. PLANS TO ELECTRIFY LINES OVER SIERRA

Statements that negotiations are under way between the American River Water & Power Company and the Southern Pacific Railway Company whereby the former would supply power to the railroad for the electrification of its lines over the Sierra were made at a hearing before the State Division of Water Rights June 25 by Walter Martin of San Francisco, representing the financial interests which would underwrite the power company's bond issues.

The hearing was held on the application of the American River Company to divert 200 second feet of water from the north and middle forks of the American river in El Dorado County. The matter was taken under advisement by Harold Conkling, chief of the division.

Martin testified that the company has two plans under consideration, one to construct a reservoir in French Meadows to store 100,000 acre feet at a cost of \$10,000,000, and the other to construct a 200,000 acre foot reservoir, at a cost of \$12,500,000.

Martin stated that the company is dickering with three prospective markets for the sale of the power to be developed. One is to wholesale to the Pacific Gas & Electric Company, the other to the City of Sacramento and the third to the Southern Pacific Company.

Three protestants appeared. These were Stephen E. Kieffer, representing the American River Hydro-Electric Company, which is seeking a State franchise to construct a power dam at Folsom; the California-Hawaiian Development Company of San Francisco were represented by C. G. Bockus, secretary, which has mining interests near French Meadows, and Harold T. Power, president of the Power Timber Company, holders of 11,000 acres of timber land in and near the reservoir site.

All were provisional protests to protect the interests of the protestants.

ROLANDI, BRIDGE CONTRACTOR, SUES STATE FOR \$336,273

Suit against the State Highway Commission for \$236,273, alleged to be due for the building of the Douglas Memorial Bridge over the Klamath River in Del Norte County has been filed in superior court, San Francisco, by Fred S. Rolandi, contractor who built the bridge.

The state refused to accept the bridge and the United States Bureau of Public Roads refused to share the expense on the ground that the structure is imperfect.

Roland set forth that he contracted to build the bridge in 1924, and that the state's refusal to approve the work was announced last February 16th, after the structure had been formally dedicated.

The complaint charged that false representations were made to Rolandi when he took the contract; that specifications were incorrect, and that when work started state engineers took control and were "unfair and unreasonable" in their attitude. The contractor alleged he also was damaged to the amount of \$200,832, but asked only the amount he alleged remained due.

State officials said Rolandi had received \$317,000 on the contract price and that \$69,000 in state funds had been paid to repair reported defects.

CRAFTSMANSHIP EXHIBITION AIM OF ARCHITECTS

The Northern California Chapter of the American Institute of Architects assisted by the San Francisco Chamber of Commerce is organizing an exhibition of fine craftsmanship in all materials and articles connected with building in San Francisco. Certificates of Award will be issued to those firms or individuals whose work is selected by a jury of architects as displaying particular merit.

The exact dates during which the exhibition will be held have not been fixed, but it will occur sometime during August or September. All firms desiring to enter the exhibition, however, should address the Committee of Awards of the Northern California Chapter of the American Institute of Architects in care of the San Francisco Chamber of Commerce before July 15, next.

The Committee will circularize, as far as possible, all firms in the city within the next few days, but any firm whose name and address has not been secured will be sent detailed information upon application. The only restrictions are that the article or workmanship must have been manufactured or executed in Northern California since January 1, 1926, for installation in San Francisco buildings by firms actively engaged in business here.

In 1927, the local chapter of the American Institute of Architects successfully held an exhibition of the work of Northern California architects in the De Young Museum in Golden Gate Park. This exhibition will be held every alternate year, and it is proposed to hold the honor awards for craftsmanship on the intervening years, of which the present exhibition will be the first.

The idea behind the exhibition is to stimulate fine craftsmanship and to let the architects and the community in general known about and see the best work being produced in this community. Members of the committee said recently that they hope that in succeeding years the awards will be given a wider scope and will include the whole of the northern part of the state.

BUILDING CODE REVISION UNDER WAY IN LOS ANGELES

An organization of the various interests concerned in the proposed revision and codification of the Los Angeles city building ordinance was formed at a meeting held at the Builders' Exchange, Los Angeles, June 6. David J. Witmer, representing the American Institute of Architects, was elected temporary chairman, and Mano Zan, general manager of the Builders' Exchange, acted as secretary. It was decided to appoint a committee composed of representatives of the American Institute of Architects, Associated General Contractors, Builders' Exchange, Chamber of Commerce and Realty Board to select a permanent chairman and also a committee to discuss a method of procedure. The meeting was preliminary to a series of public hearings to be held by the Los Angeles Building and Safety Commission as the work progresses. The board, which consists of J. W. Toms, president; Frank McGinley, Ralph E. Homann, W. H. Antram and C. E. Noerenberg, sat in banc with its secretary, F. A. Munice; J. J. Backus, general manager; C. V. Welch, chief of the building division; Clyde Makutchan, research engineer; H. N. Beecher, chief of the electrical division, and A. B. Wicks, heating and ventilating engineer.

SAN DIEGO ADOPTS ORDINANCE LICENSING ROOFING CONTRACTORS

"Leak-proof" roofs are the aim of an ordinance (No. 11718) which went into effect last week in the city of San Diego. It was drafted and presented to the city council by Oscar Knecht, chief building inspector, and embodies complete minimum specifications for all kinds of roofing to insure compliance with which it is required that all roofing contractors must be licensed and bonded.

The San Diego ordinance is rated as the most comprehensive and drastic dealing with roofing alone that has been adopted to date by any California municipality. It is designed to "assist in the protection of buildings against fire, against the elements, prevents leaks or dampness from jeopardizing the strength and stability of walls and footings and add to the healthful, sanitary, and safe environment of occupants of buildings." Its enforcement is vested in the city building inspector, who will have under his direct control a corps of assistants appointed by the "manager of operations," subject to civil service examination and regulations.

Standards for materials are to be the equivalent of the specifications recommended by the American Society for Testing Materials "insofar as such specifications can be made to consistently apply." Tests of any materials may be required by inspectors without any expense to the city.

Principal Objects of Ordinance

Under the heading of general provisions, the following paragraphs indicate the scope of the law:

"One of the principal purposes of this ordinance is to require roofing and flashings methods which will prevent leaks and dampness from penetrating the building or walls. Any application, method, roofing, or flashing which will not accomplish this purpose will be deemed a violation of this ordinance, and shall be rejected by the inspector.

"Blocks, slabs, shakes, plastic or semi-plastic applications, imitations, and/or texture or decorated roof effects which do not insure lasting leak-proof conditions, shall have a complete built up, properly flashed, water-tight roofing beneath same.

"It shall be the duty of the roofer to refuse to apply his roofing, and so notify the inspector, when the construction, sheathing, parapets, surface, reglets, etc., are in such a condition that the roofer cannot apply his roofing or flashing and live up to the intent and purpose of this ordinance. Said unsuitable or defective construction shall be immediately remedied by the person responsible for same.

"All vents, pipes, sumps, parapets, reglets, curbs, crickets, and other construction which forms an important part in connection with the roofing, flashing, etc., shall be fully taken care of as per ordinance requirements before the work can be inspected and accepted by the inspector."

Classification of Roofing

For the grading of roofing the following classifications are adopted:

(a) Fire Retardant:

Type 1-F: Not less than two layers of 32-pound prepared roofing, with a gravel, slag, or equal incombustible surfacing material.

Type 2-F: Not less than four layers of 14-pound saturated felt, with a gravel slag or equal incombustible surfacing material.

Type 3-F: Not less than two layers of 14-pound saturated felt, with a gravel

slag or equal sheet of mineral surfaced 82-pound prepared roofing or a smooth finish 72 pounds prepared roofing.

Type 4-F: Not less than two layers of asphalt impregnated asbestos prepared roofing felt, the combined weight of the felt being not less than 74 pounds per 108 sq. ft.

Type 5-F: Not less than one layer of 42-pound prepared roofing, over which lay two layers of asphalt impregnated asbestos felt, each layer weighing not less than 14 pounds per 108 sq. ft., or one layer of 72-pound prepared roofing, over which lay one layer of impregnated asbestos felt weighing not less than 14 pounds per 108 sq. ft.

Type 6-F: Hydraulic compressed rigid asbestos shingles laid over a layer of 14-pound saturated felt; or hydraulic compressed rigid asbestos sheets at least 7-32 of an inch in thickness, laid over a layer of 14-pound saturated felt.

Type 7-F: Asphalt saturated mineral surfaced prepared shingles, laid so that there will be no less than two thicknesses at all places, and combined weight of such shingles shall not be less than 190 pounds per 100 sq. ft. of completed roof area.

Type 8-F: Concrete masonry, tile, slate or sheet metal.

(b) Semi-Fire Retardant:

Type 1-S: Not less than two layers of 14-pound saturated felt, and a cap sheet of 52-pound prepared roofing. (One layer of 32-pound prepared roofing or one layer of 30-pound saturated felt may be used in lieu of the above mentioned double layer of 14-pound felt.)

Type 2-S: Asphalt saturated mineral surfaced prepared shingles, manufactured from not less than an 82-pound mineral surfaced prepared roofing. The combined weight of such shingles shall not be less than 150 pounds per 100 sq. ft. of completed roof area.

Type 3-S: Not less than two layers of 14-pound saturated felt protected with one 62-pound asphalt impregnated asbestos roofing.

(c) Ordinary Roofing:

Type 1-O: Not less than two layers of 14-pound saturated felt protected with any one of the following cap sheets: 42-pound prepared roofing or 42-pound asphalt impregnated asbestos roofing.

Type 2-O: Approved "five-to-two" wooden shingles.

The weight of prepared roofing refers to the net weight of each layer per 108 sq. ft. The weight for saturated or impregnated roofing refers to the net weight of each ply or layer per 100 sq. ft. All layers shall be thoroughly mopped between with roofing cement.

Powers of Inspectors

All roofing must be inspected during application and on final completion. Inspectors are vested with the following powers:

"If, in the opinion of the inspector, the roofing has not been properly applied or does not come up to the requirements of this ordinance, an area of 4 sq. ft. of the roofing may be torn out for the purposes of inspection, excepting that in the case of prepared or built-up roofing a slit about 36 in. long may be cut entirely through the roofing, for inspection. One such torn-out or cut section may be made in each area of 2500 sq. ft. or fraction thereof of roof surface. Said torn-out and cut sections shall be patched and replaced and made water-tight in an approved manner by the roofer at his own expense.

"When the inspector finds that the

roofing or flashing and construction connected therewith does not comply with the regulations, requirements, intents and purpose of this ordinance, said roofing, flashing, etc., shall be rejected, and the roofer shall remedy the defects and violations within five days after rejection.

"The roofer shall be held responsible for the use of suitable approved materials and for the correct construction and application of the roofing, flashing, counterflashing, surfacing material, dry sheets, mastic, cementing, etc., as required by this ordinance."

Manufacturers' specifications may be followed provided they do not lower requirements of the ordinance. Approved authorities for specifications designated are: Copper and Brass Research Association, National Slate Association, National Association of Sheet Metal Contractors and U. S. Federal Specification Board.

Spirit and Intent of Law

The ordinance declares: "The full spirit and intent of this ordinance shall be carried out to a logical conclusion. The building inspector shall consistently rule as to the meaning of the various provisions of this ordinance. Nothing in this ordinance shall be construed to prevent other construction, roofing methods and kinds of material from being used when same can be shown by approved tests to be, or it is self-evident that same is equally as good or better than the requirements of this ordinance and provided same are approved by recognized authorities. Roofing materials tested and labeled by the Underwriters' Laboratories Inc., will be sufficient evidence that said materials comply with the requirements of this ordinance."

Fire retardant roofing may be used on any building and must be used on all buildings exceeding 60 ft. or four stories.

Semi-fire retardant roofing may be used on any building not exceeding 60 ft. or four stories outside the "inner fire limits," and must not be used on buildings over 30 ft., two stories, in the "inner fire limits."

Ordinary roofing may be used on any building outside the "inner fire limits" not over two stories. Shingle roofs are prohibited on all buildings except dwellings and duplex residences not over two stories, and cannot be used in "inner fire limits."

Provision is made for condemning leaky and faulty roofs and requiring owners to repair same in 48 hours after written notice.

Permits and Licenses

Permits issued under the ordinance are good for 30 days only after issuance and may be obtained only by licensed bonded roofing contractors, except that an owner may secure a permit to "permanently apply or repair a roof covering on his own home in which he personally resides." Any person may make temporary emergency repairs during inclement weather.

Every person, firm or corporation engaged in the roofing contracting business must obtain a license from the city license department at a fee of \$5 per year and must furnish a corporate surety bond of \$3000 payable to the city of San Diego, or a personal bond for the same amount with two approved sureties. This bond shall inure to the benefit of the city of San Diego and to and for the benefit of all persons who may suffer damage by reason of the breach of any of the conditions thereof, any person so damaged may bring suit under said bond in his own name. Violation of the ordinance

is a misdemeanor punishable by a fine of \$10 to \$500 or 10 days to 6 months in jail, or both. This penalty clause applies to owner, builder, roofer, worker or other person failing to comply with the provisions of the ordinance or any order made thereunder. No person shall occupy or use in any manner any building roofed or repaired in violation of the provisions of the ordinance.

—(S. W. Builder and Contractor).

PACIFIC COAST STEEL TO BUILD AT SOUTH SAN FRANCISCO

Immediate construction of a bolt and nut plant in South San Francisco at a cost of \$600,000 has been authorized by the Pacific Coast Steel Company. The plant will be erected adjacent to the company's steel plant. It will be of steel construction, 450 feet in length with a depth of 100 feet. A portion of the building will be three stories in height. A machine shop and electric tool heating department, 150 feet by 80 feet will be provided.

Construction of the plant and its operation will be directed by John Stetter, recognized authority on such manufacturing. He sold recently the Muncie Cap and Set Screw Company, of which he was owner and managing operator, and his services were immediately obtained by the Pacific Coast Steel Company which had been casting about for someone to take charge of its new enterprise. Stetter was connected in a consulting capacity with the Southern California Iron and Steel Company, an affiliated concern of the Pacific Coast Steel, during an expansion program there.

In the new plant steel manufactured in South San Francisco will be used for the output of the bolt, nut and rivet plant, which will be equipped with the most modern machinery.

CONSUMERS ROCK AND GRAVEL COMPANY ORGANIZED

Consumers Rock and Gravel Company and California Materials, Inc., are joining hands through the organization of Consumers Rock and Gravel Company, Inc.

The unified business materially strengthens the already entrenched position occupied by its constituents in the Southern California field covering the counties of Santa Barbara, Ventura, Los Angeles, Riverside, San Bernardino, Orange and Imperial, with a population of 2,000,000 included in the territory served.

Fully 30 per cent of the rock, gravel and sand requirements of this area are supplied by the company, it is estimated, from its nine rock-crushing plants, which have a combined capacity in excess of 21,000 tons of material per 10-hour day. Its bunkers are advantageously located in Hollywood, Vernon, Whittier and Santa Barbara, in addition to those operated in connection with the various plants. Another bunker is under construction at Long Beach. A fleet of 150 heavy-duty trucks owned and operated by the company, together with trackage facilities on the Southern Pacific and Pacific Electric lines, take care of the transportation needs.

Conservative estimates indicate that fully 50 years' supply of raw material is contained in the reserves in the 1400 acres of producing lands held by the company, about a quarter of which are owned in fee. Its holdings include a tract of more than 14 acres in the heart of the Los Angeles industrial district.

The company is reputed to be in an enviable position from an earnings standpoint.

A structure well built withstands the ravages of time. One poorly constructed deteriorates rapidly. This same principle can be applied in a money sense to investing and spending wisely. Enduring fortunes are built upon solid foundations and not on flimsy scaffolds of speculation.—Exchange.

ENGINEERING SOCIETIES EMPLOYMENT SERVICE

Further information regarding positions listed in this column is obtainable from Newton D. Cook, Room 715, 57 Post Street, San Francisco, (Phone Sutter 1684).

R-1428-S INDUSTRIAL ENGINEER, not over 35, with experience involving labor problems and rate setting for employment with consulting engineer. Must have organizing ability, initiative, tact and energy. Apply by letter, giving experience in detail, education and general qualifications, with photo. Salary open. Permanent. Location, Pacific Coast.

R-1724-S ENGINEER, mechanical or civil, about 30 years old, with steel construction experience and preferably some knowledge of steel plate work. Will start in the drafting room and later be assigned to estimating, sales or productions. Salary open. Headquarters, San Francisco.

R-1727-S STRUCTURAL DESIGNER, and steel detailer, with experience on highway bridges for temporary position in government office. Salary about \$250-\$275 month. Location, Montana.

X-5152 SECRETARY TO MANUFACTURING ASSOCIATION, must be able to organize, etc. Only those who have held a similar position will be considered. Apply by letter. Salary \$6000 a year. Location, East.

X-5083 CONSTRUCTION FOREMAN, for transmission line. Must speak Spanish. Salary \$300 a month. Hdqtrs., New York Cit. Location, South America.

EMBRITTELEMENT OF BOILER PLATE IS SUBJECT OF BULLETIN

With the modern operation of steam boilers at high ratings and increased pressures there has come into use a type of boiler which has been under suspicion for some time as the possible cause for embrittlement and cracking of the plates. The evident increase in the number of cases of such embrittlement emphasized the need of making a further study of the problem beyond that covered in Bulletin No. 94 of Engineering Experiment Station of the University of Illinois, published in 1917. In 1924, therefore, the investigation was resumed and the results of the first eighteen months' study were published in Bulletin No. 155.

Bulletin No. 177, just published, contains a record of the data secured since the publication of Bulletin No. 155, as well as a resume of the entire three years' work on embrittlement. The work performed in connection with this investigation consisted of the collection of information concerning failures, apparently due to embrittlement, from boiler manufacturers, boiler users, and the steam boiler insurance companies; and conducting tests either in the laboratory or at plants where embrittlement of boilers had occurred.

Some of the results obtained were as follows: In the cases of embrittlement investigated neither the design nor the workmanship of the boilers was responsible for the trouble; no fault could be found with the material of the boiler plate; apart from the nature of the feed water used the operation of the boilers was satisfactory; an alkaline condition of the boiler water, with a low sulphate content, was found in all cases of embrittled boilers; the only material found in these boilers which has been shown to have the effect of embrittling stressed steel was sodium hydroxide; increasing the sulphate content was found to be effective in stopping or inhibiting embrittlement; and new embrittlement inhibiting agents were developed.

Copies of Bulletin No. 177 may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

PATENTS

Granted to Californians as reported by Munn & Co., Patent Attorneys

Andrew Lochhead, of Oakland. DOOR SECURER. This device is so compact that it may be carried in the pocket and may be readily inserted between the edge of the door and the door-jamb.

Edward C. Shafer, of Santa Monica. TABLE. This table is positioned astride the limbs or body of a person sitting or reclining on a bed or couch and may be used as a support or carrier for trays.

George F. Nelson, of Berkeley. PUMP. A vacuum blast or pressure pump especially designed for laboratory purposes, producing a high vacuum without the employment of "backing-up" pumps.

Aladar Hollander, of Berkeley. VERTICAL-PUMP MECHANISM. This device sectionalizes the driving shaft so that when the column parts are telescoped, a section of the driving shaft may be removed to facilitate access to and the handling of the parts herebelow. Patent assigned to Byron Jackson Pump Mfg. Co.

Claude H. Kelper, of Oakland. WIRE-THREADING LEADER AND COUPLER. A device for the removable attachment of wires or cables thereto and which serves as a coupling between a leading and a following wire or cable section.

Arthur Engelberg, of Oakland. TELEPHONE-CALL RECORDER. Duplicates messages may be automatically recorded by mechanisms upon the sending of a message between stations.

Leroy V. Crow, of Cloverdale. VALVE. This device provides a valve body for medical irrigation apparatus, which when used for certain purposes will be operated by muscular reaction of the patient to automatically control the valve operation thereof.

John L. Davie, of Oakland. FIRE-PLACE. This invention prevents filling the room with smoke and also an excess of air being drawn from the room and carried up a chimney, thereby wasting the heat in the room.

Charles V. North, of San Gabriel. ROTARY JAR. With this jar water may be carried to the tool at the bottom of the well. The construction enables it to effectively resist the blows in jarring and impart the rotary movement from the rotary device at the mouth of the well to the tool at the bottom.

NEW YORK PLANNING CHANGES IN BUILDING CODE

There is now pending before the Board of Aldermen an amendment to the building code of the city of New York which, according to builders and engineers, will affect a saving of millions of dollars a year in the cost of local construction if adopted.

The proposed amendment relates to the structure steel used in the construction of all large buildings. The code now provides that the basic working stresses permissible in the use of structural steel for building, shall be 16,000 pounds per square inch.

It is proposed to increase the basic working stresses to 18,000 pounds, thereby decreasing by about one-eighth the amount of steel necessary for the erection of a modern building.

Comprehensive evidence has been collected by the Merchant's Association of New York that such a saving can be made while continuing to maintain an ample margin of safety, and after a careful study of the matter the association has approved the proposed amendment.

THE OBSERVER



What He Hears and Sees On His Rounds

The growing practice of arbitrary discharge of workers when they reach a certain age, no matter what their skill and their value to the industry, is unsocial and, from an economic standpoint, unsound according to an article by the Secretary of Labor in the June issue of the Monthly Labor Review. The age limit beyond which a worker may not retain his employment is set in some plants at 50 and in other cases the limit is even lower. While there might have been some reason for this practice in former years when many occupations required great physical strength, with the present mechanization of industry and the consequent lightening of the physical tasks there seems to be no justification for the arbitrary discharge of workers at an age when through their acquired skill and experience they should be of most value to their employer. "With the infinite number of industrial operations coming to be done by machinery ever more automatic and easier for human hands to run," Secretary Davis said, "the reasons for firing the older workers fade to almost nothing. Where machines do so much and the worker so little, the worker of 60 becomes as able as the one of 20, with the added value of a tendency to stick to the job."

Trade associations were described as effective stabilizing agencies in business in an address last month by Abram F. Myers, member of the Federal Trade Commission, before the Interstate Cotton Seed Crushers Association at New Orleans. Industries possessing strong trade associations, said Commissioner Myers, are "equipped for self-regulation in a degree which, if wisely directed, will effectively preclude governmental interference by rendering it unnecessary."

Manufacturers, distributors and organized users of forms for concrete ribbed floor construction, are being circularized by the Division of Simplified Practice for written acceptance of the recommendation covering forms for Concrete Ribbed Floor Construction, approved by a general conference held March 21, at Biolli, Miss. Manufacturers, distributors and users representing at least 80 per cent of the total volume of annual production must have accepted this recommendation in writing before it will be published by the Department of Commerce. The recommendation thereafter will be periodically reviewed by a standing committee of the industry for possible revision, or reaffirmation.

Claiming assets of \$133,900 and liabilities of \$133,724 the A. Haidlen Company, contractors working in the Mount Shasta district, has filed a petition in bankruptcy in Federal Court at San Francisco. The firm lists 90 creditors, including three San Francisco firms. Adolph Haidlen and Fred Fracaro are heads of the company.

E. A. Rolison, consulting engineer, and former city manager of Redding and of Santa Barbara, has been employed by the Stockton city council to survey the Stockton power situation preliminary to asking the state railroad commission for permission to enter the field of municipal ownership. Rolison assisted in putting municipal power into operation in Redding, Napa and other cities. He is now handling situations similar to Stockton's for several cities, including Hayward and San Leandro.

A central "tenement property agency" is to be established in the offices of the Amoskeag Manufacturing Company, Manchester, N. Y. It is to be not only for the benefit of employees seeking tenements, but is to be placed at the disposal of the public. This move is intended to help the 11,000 Amoskeag operatives to secure proper living quarters at the lowest possible cost.

The rate of wages in the building trades as a whole in the United States increased from \$1.278 an hour in May, 1926, to \$1.323 in May, 1927. Bricklayers went from an average of \$1.565 to \$1.603, carpenters from \$1.267 to \$1.311, painters from \$1.305 to \$1.349, plasterers from \$1.5895 to \$1.628, and plumbers from \$1.381 to \$1.409. These figures are taken from Bulletin 457, published by the Bureau of Labor Statistics of the United States Department of Labor, and recently off the press. The bulletin includes reports from 862,308 trade union members employed at time rates in sixty-six leading cities.

With a view to promoting service and maintaining constant public relations, the Plumbing and Heating Industries Bureau has established San Francisco offices in the Sharon Building at 55 New Montgomery St. This branch is in charge of John C. Keene, who will control the work of the bureau for the entire West Coast. Besides the San Francisco office there are branches at Tacoma, Wash., and Los Angeles. Keene is now conducting a campaign with the slogan "Make a health examination of your home." The present offices will continue the work formally done by the California Sanitation Development League, which in March of this year was merged with the Plumbing and Heating Industries Bureau.

Formation of a general State committee of experts to aid county governments in drawing up model plans for hospitals, detention homes and jails is proposed by Mrs. Anna L. Saylor, State director of social welfare. The State, through such an arrangement, can and should assist county authorities in providing public institutions which will assure proper care, social welfare and safety of inmates, Mrs. Saylor contends. The proposed general advisory committee, she says, will include architects, sheriffs, judges, engineers, and physicians.

An investigation by the Bureau of Labor Statistics of the extent to which apprenticeship is a factor in the building industry shows that while apprenticeship by formal indenture between employer and boy is not widely practiced, practically the same end is achieved in a number of cities through joint apprentice committees composed of employers and workers cooperating with local school boards under the Smith-Hughes Vocational Education Act. The bureau study covered 19 representative cities in which 12,190 trainees were actually indentured or under some form of contractual obligation to learn one of the building crafts.

Alameda County Supervisors have officially approved franchise granted to Breed Realty Co., et al, for a toll tunnel through the Contra Costa hills from Shepherd's Canyon in Alameda county to Redwood Canyon in Contra Costa county. The bore will be 2410 feet long and will cost \$1,500,000.

Contractors who are in favor of license laws for the construction business will be interested in the results of a similar law in a kindred field. The National Association of Real Estate Boards, from reports of officials administering their license laws, report that over \$2,261,910.32 has been refunded to victims of unscrupulous real estate agents through the operation of the real estate license laws in the twelve states which have kept records of such refunds since the laws were into effect.

A deposit of limestone said to be 98.99 per cent pure calcium carbonate has been discovered in Bautiste Canyon, ninety miles from Hemet, Riverside county. Geologists reported 10,000,000 tons of limestone are available and it is believed that the deposit will have a commercial value.

A recent survey of privately owned timber lands revealed the fact that more than 21,000,000 acres, mostly owned by large lumber and paper companies, were being managed with a view to reforestation.

Marin county supervisors have passed a ruling against accepting personal bonds in future and will accept only cashiers' checks or certified checks for bidders for faithful performance of contracts to be undertaken by them.

Earthquake movements in California earthquake regions will soon be accurately measured. A surveying party engaged in measuring Mt. Whitney has passed the 10,360-foot level, according to the Coast and Geodetic Survey, and will reach the summit next month. Metal tablets set in rock at frequent intervals along the line of levels, giving the elevation, will now furnish a basis for detecting the direction and amount of change in elevation in case of earthquakes in that region. The present leveling is part of a five-year Coast and Geodetic Survey study of California earthquake regions.

Three turbines claimed to be the largest yet installed in Europe will be placed in the new plant of Ryburg-Schorstedt on the Rhein, Switzerland. These are Kaplan turbines with an effective power transformation of 1,000 h. p. for each meter fall of the water. It is said that the largest turbines heretofore installed were in Sweden in the Lilla Edet plant, each of which produces 676 h. p. for every meter fall of the water.

Three large waterway projects are under construction at the present time in Germany. The first is the Rhine-Danube canal, three-quarters of which is completed and open to traffic. The second is the so-called Midland Canal joining the Rhenanian-Westfalian industrial district with central Germany; it is predicted this canal will be completely in service in two years. The third is the Hansakanal, from the Ruhr to Hamburg, which is expected to be completed in about eight years.

All the activities of the West Coast Lumbermen's Association are to be centered at Seattle. Col. W. B. Greeley, the new manager, has proposed a budget of \$700,000 a year for the association, subject to ratification by supporting lumber, logging and allied woodworking companies, half of which would be expended to promote trade and developing markets.

ALONG THE LINE

William Rutherrord Mead, New York architect and president of the American Academy in Rome, died in Paris, June 20.

Extension of the harbor breakwater and the port facilities of Los Angeles has been approved by the city council. The cost of the improvement is estimated at \$18,000,000, part of which will be paid by the federal government. The plan calls for consolidating railroad facilities and unification with Long Beach harbor for operating purposes.

Francis Bates, of Los Angeles, announces association with his brother, Bennett R. Bates, in the formation of Bates Company, engineers, to carry on the practice of consulting and general engineering, with office in Los Angeles. The company will specialize, among other things, in city planning and traffic studies, storm drains, sub-division development, grade separations, sanitation and water treatment.

O. H. Buckman, county surveyor of Napa County, died at Napa June 19 as the result of a heart attack. He was 81 years of age and was said to be the oldest county official in point of service in the state.

Public Ownership League of America will meet in Seattle, Wash., July 23-26 inclusive. The cities of Seattle and Tacoma are co-operating to make it a joint affair and will include one day inspecting the Skagit River project and one day at the Lake Cushman project. Headquarters will be maintained at the Frye Hotel, Seattle.

Colonel Jno. H. Skeggs, district engineer at San Francisco, for the California State Highway Commission, was recently honored by being elected a national director of the Society of American Military Engineers, for the three-year term beginning January 16, 1928.

San Diego city council has reappointed H. N. Savage as hydraulic engineer of the city to take full charge of its water supply problems. Mr. Savage while in the employ of the city built the Lower Otay dam and Barret dam, repaired the Sweetwater dam and raised the Morena dam. He is at present in London, but has consented to return to his old position at a salary of \$10,000 a year, the city council was informed.

Fifty members of the Society of Safety Engineers of Northern California inspected the plant of the Columbia Steel Corporation at Pittsburgh, Contra Costa County, June 26, as guests of the company's safety committee. A banquet was held in the evening with Y. L. Harvill, an official of the plant, presiding.

Carl Kingsley Lawrence, 5321 Lawton Ave., Oakland, has been granted a certificate to practice architecture in California by the State Board of Architecture, Northern District.

Chas. H. Miller of Vallejo has purchased the Perry Lumber Company at Maline and Sonoma Sts., Vallejo, for a price said to be in the neighborhood of \$25,000.

Two steel companies in Czecho-slovakia are beginning the construction of large steel sheet mills in North Moravia, these mills to utilize the continuous process for rolling sheets and strips, which has recently been developed in the United States.

TRADE NOTES

Milo S. Farwell, formerly sales engineer for the Steelform Contracting Company, has joined the engineering staff of the Bethlehem Steel Company and will be engaged in the promotion of Bethlehem structural steel in the San Francisco Bay territory.

Gladding, McBean & Co., will retire all outstanding funded debt July 1 and on that date also will be entirely free of indebtedness including bank loans leaving only common stock outstanding, it is learned by Dow Jones & Co. Company's business is reported to be best in its history, and earnings stated to be twice dividend requirements on 207,689 shares no par common out of total authorized of 500,000 shares—dividend requirements and \$3 annually, payable 25 cents first day of each month. While company does not make public detailed income account, earnings last year were said to be around \$6 per share. The company is one of the largest manufacturers of terra cotta products, roof tile, pottery and brick in the West. While the stock is not listed, it is rated highly in conservative investment circles and officers and directors include leading bankers and financiers of the West.

An additional issue of 5000 shares of first preferred stock is indicated by a permit granted by the State Corporation Department to the Riverside Cement Company, which concern recently took over the old established Riverside Portland Cement Company. Under authority of this permit, the company is permitted to sell to Blyth Witter & Co. 5000 shares of its first preferred, and in addition to issue to John Treanor 104,990 shares of its class A stock. Statement of the company filed as of May 1, 1928, gives assets at \$12,106,342, of which \$3,078,831 are current, against liabilities of \$1,452,645.

Directors of the Pacific Portland Cement Company on June 22 declared the regular \$1.62½ second quarter dividend on the company's stock. The dividend is payable July 5 to stockholders of record June 30.

Johnson and Raymond Pottery Co., a closed corporation, capitalized at \$100,000 and controlled by Dan Raymond, of San Jose, and Fred P. Johnson, of Los Angeles, will establish a plant in Stockton, on a site yet to be selected, for the manufacture of garden and ornamental pottery, household stoneware and acid-proof wares for chemical laboratories. It will be the only plant on the Pacific Coast turning out the latter product.

H. P. Usher, president of Smith Booth Usher Co., Los Angeles, in an announcement states that "Effective May 1, 1928, Jenison Machinery Co. of San Francisco acquire the good will, stocks of machinery and equipment of our San Francisco division, operating in Northern California." In 1925 Mr. E. S. Jenison became vice-president in charge of San Francisco division. Officers of the Jenison Machinery Co. are: E. S. Jenison, president; T. F. Pimper, vice-president; H. L. Davis, secretary; H. J. Schiefer, treasurer.

F. P. Baugh, who recently sold his interest in the F. P. Baugh Hardwood Co. to Pacific Southwest Hardwood Co., Los Angeles, is now interested in Rock Creek Lodge, a mountain resort in Inyo county. L. P. Black, formerly with Mr. Baugh in the hardwood business, is manager of the resort.

HERE — THERE —
EVERYWHERE

E. H. Higgins was re-elected president of the Richmond Builders' Exchange at the annual banquet-meeting held June 21. Other officers, re-elected were: F. A. Mero, first vice-president; J. L. Eakle, second vice president; James Walker, treasurer, and Carl Overaa, secretary of the board. These together with P. M. Sanford and Andrew Nelson, comprise the board of directors.

George F. Schlesinger, director of highways of the State of Ohio, has resigned his position, effective June 15, to become chief engineer and managing director of the National Paving Brick Manufacturers Association. The headquarters of the latter association, which are now in Chicago, will be moved to Washington, D. C.

New Orleans was chosen as the scene of the Seventh annual Asphalt Paving Conference at a recent meeting of the board of directors held in Chicago. It is estimated that from 1000 to 1500 interested persons will be present at the conference, which will take place the week of December 10. The American Association of Asphalt Paving Technologists and the Asphalt Association, as well as other organizations, will hold their annual meetings in connection with the conference.

Preparations are being made by the Master Painters' Association of Seattle, for entertainment of visitors at the third annual convention to be held in that city Nov. 15-17. Consideration is being given to affiliation of the Victoria and Vancouver, B. C., painting contractors with the Seattle organization.

Carpenters' Union of Mill Valley, Marin county, has unanimously endorsed the five-day week and will put the plan into effect at once. It is hoped to more evenly divide the work and reduce unemployment among the carpenters in that section.

Peninsula Master Painters' and Decorators' Association, meeting in Palo Alto, June 26, elected the following officers: President, M. M. Sorrells; first vice-president, Otto Herbig; second vice-president, A. Jensen; secretary-treasurer, Eugene F. Pfafflin; sergeant-at-arms, — Sivertsen. Installation ceremonies will be held at a banquet July 9 in Redwood City.

During the month of May 825 men were placed by the Free Employment Bureau of the East Bay Industrial Association, according to L. E. Crawford, secretary. The May placements are a gain of ten per cent over April but a slight decrease under May 1927. The association also reports thirty-one new industries located in the East Bay district during the sixty day period ending April 30, an increase of 46 per cent over the corresponding period of 1927.

At the annual meeting of the Schumacher Wall Board Co., in Los Angeles, R. H. Shainwall was elected director and president, succeeding R. S. Shainwall, resigned. All other directors and officers were re-elected.

A. M. Hardy, San Francisco contractor, has filed a voluntary petition in bankruptcy in the U. S. District Court at San Francisco, scheduling liabilities at \$23,199 and assets at \$200.

CONSTRUCTION COSTS CONTINUE TO RETAIN STABILITY, A. G. C. SURVEY SHOWS

Construction costs continue to retain the stability they have possessed since the opening of this year, according to statistics just compiled by the Associated General Contractors of America. No change in the average of these costs was indicated during May.

A single level has been held since March, with only one change being noted since November. This condition stands contrasted against the records for corresponding periods during the majority of recent years.

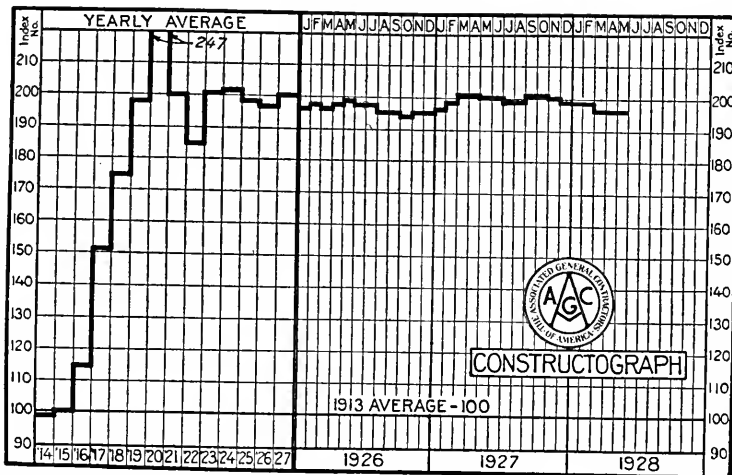
Comparative figures, showing the number of fluctuations during the first five months of each year since 1920, follow: 1921, four; 1922, four; 1923, four; 1924, three; 1925, one; 1926, four; 1927, three.

The average of construction costs for the first five months of the current year is slightly below the average for the corresponding period of 1927, when a mark exactly twice as high as that registered for the year 1913 was recorded.

The average of wages paid in the principal construction centers of the country has remained unchanged since December. A scale which places the 1913 average of wages at 100 as its basis, shows the index figure for each month of the present year to be 226.

The prices of basic construction materials now are showing much less inclination to rise or fall than in preceding years. Only one change in the average of these prices has occurred since January.

CONSTRUCTION COSTS



MINERALOGIST ROOT REPORTS ON CALIFORNIA'S CLAY RESOURCES

One of California's very important and growing nonmetallic industries is that involving the development and use of her clay resources. Ceramic plants are being established in increasing numbers, existing plants are being enlarged, and a wide variety of products is being put on the market. Our natural deposits of clays in this state form the basis upon which these industries are founded.

The search for high-grade clays on the Pacific coast has received new impetus in recent years on account of the phenomenal increase in population in the region and the consequent increased demand for structural and decorative clay products. There seems little doubt that this is but the beginning of one of the greatest periods of expansion that the world has seen. If this view of the future is correct, California is destined to become one of the great ceramic centers of the United States. That new clay deposits will be discovered is almost a foregone conclusion. Thus far, only the obvious deposits have been found, and only those that can be cheaply mined and that can be used without beneficiation have been exploited. Prospectors and local residents away from existing clay producing regions are on the whole not familiar with the nature of clays, but their knowledge will improve by contact with trained men who are on the lookout for new discoveries. With the increasing demand for new types of clays, either to displace those varieties now being imported from outside of the state, or to make improved products, the incentive

to clay prospecting will be entirely adequate.

The State Division of Mines and Mining under the direction of Lloyd L. Root, State Mineralogist, has published a report on the "Clay Resources and Ceramic Industry of California," entitled Bulletin No. 99 of the division's series. The scope of the report is confined to a study of the raw materials and manufacturing practice including a brief technical description of most of the clay-working plants and known clay deposits in California, together with the results of laboratory tests of the important clays of the state. The principal emphasis in the present report is upon the economic and technologic phases of the clay-working industry of California, rather than upon its geologic aspects. The author is Waldemar Fenn Dietrich, associate professor of mining engineering at Stanford University, and the report is the result of over two years' field and laboratory investigations, the latter having been handled in the university's laboratory on a co-operative basis with the State Division of Mines and Mining.

Bulletin No. 99, consisting of 283 pages, and illustrated with seventy photographic half-tones and twelve line cuts including maps, may be had at \$1.50 per copy, postpaid, from the State Division of Mines and Mining, Ferry Bldg., San Francisco, or from any of the following district offices: Sacramento, (Capitol Extension Bldg.), Los Angeles, (New Orpheum Bldg.), Redding, Bakersfield, Taft, Coalinga, Santa Maria, Santa Paula.

INSPECTION PROVISION FOR LUMBER PROPOSED

The opinion of the heads of all departments and establishments of the Federal government who purchase lumber in carload lots or more, as to the advisability of including in every government contract involving lumber purchases a clause requiring a certificate of inspection by lumber association inspectors to ascertain the quality, is asked by the Chief Coordinator, Brig. Gen. H. C. Smith, in a letter made public June 20. The letter reads in full text:

The following proposal was submitted to the Federal Purchasing Board at its meeting of April 28, 1928, by the reinspection of lumber by licensed of Commerce: "That a clause be added to every Government contract involving lumber purchases, to the effect that a bid should include necessary standard charges for the reinspection of lumber by licensed lumber association inspectors in case of any doubt in regard to quality."

The proposal was referred by the Board to its committee on operations for study and report and, at the meeting on May 31, 1928, the committee's recommendation was adopted by the Board, to the following effect:

"The committee sees no objection to the inclusion of a clause requiring a certificate of inspection by lumber association inspectors in contracts for carloads and over of lumber when in the opinion of the head of the department concerned such inspection is legal and the most efficient available method of protecting the interests of the Government."

In view of the recommendation, it is requested that each department or establishment, making purchases of lumber in the quantities stated, advise this office of its opinion as to the feasibility and desirability of including the proposed clause in its contracts for lumber.

STEEL MEN VOTE TO BACK PROGRESSIVE MEASURES

At a meeting of representatives of the iron and steel industry of California with the iron and steel executive committee of the California Development Association at the Alexandria Hotel in Los Angeles, presided over by Waller Taylor, vice-president and general manager for the advancement of industries were endorsed. These include the standardization of production in the iron and steel factories, and gradual elimination of unprofitable lines; extension of marketing territory by obtaining more favorable railroad rates to eastern points; closer contact with purchasing agents, architects, engineers, contractors and municipalities to impress upon them the importance of buying local products; adoption of standard specifications in connection with purchases for all branches of the State Department of Public Works, and the establishment of a State laboratory for testing building materials in Southern California.

Six of the leading groups of the Southern California Iron, Steel and Allied Industries held separate meetings in charge of the following chairmen: Steel mills, Harvey Hewitt, Southern California Iron and Steel Company; structural shops, E. F. Gohl, McClintic-Marshall Company; reinforcing steel dealers, N. E. Dawson, Soule Steel Company; merchants' steel dealers, J. E. Webster, Ducommun Corporation; foundries, C. H. Shattuck, C. F. Braun & Co.

ONLY JAP ARCHITECT

The building which will house the Japanese exhibit at the Pacific Southwest Exposition which will be held in Long Beach, California, from July 27 to September 3, was designed by R. K. Tsakamoto, said to be the only Japanese architect practicing his profession in the United States.

Building News Section

APARTMENTS

Permit Applied For.
APARTMENTS Cost, \$30,000
SAN FRANCISCO. NW North Point and Scott Sts.
 Three-story and basement frame apartment building.
 Owner—Thos. E. Quistad, 2101 North Point St., San Francisco.
 Architect—Irvine & Ebbets, 72 New Montgomery St., San Francisco.

HOLLYWOOD, Los Angeles Co., Cal.—Frank H. Webster, 922 Guaranty Bldg., Hollywood, is preparing working plans for a 6-story and basement Class A apartment building to be built at 1432 S. Hope St., for the Hope Street Association, Inc., the building will contain 71 units divided into 2, 3, and 4-room apartments, service rooms and stores; dimensions, 186x50 feet, reinforced concrete construction. Contractor has been selected; \$225,000.

Contract Awarded
APARTMENTS Cost, \$18,000
SAN FRANCISCO. N 18th St. 250-6 W Valencia.
 Two-story and basement frame (8) apartments.
 Owner—John M. Sekera, 744 Russ Bldg.
 Architect—None.
 Contractor—Haley Bros., 744 Russ Bldg.

Sub-Bids Being Taken.
APARTMENTS Cost, \$40,000
SAN FRANCISCO. W Fillmore St., S Retiro Way.
 Three-story and basement frame and stucco apartment bldg., (12 apts.)
 Owner and Builder—Thomas Scoble, 336 Kearny St.
 Architect—E. E. Young, 2002 California Street.

Plans Being Prepared.
APARTMENTS Cost, \$250,000
FRESNO, Fresno Co., Cal. Franklin and Yosemite Aves.
 Six-story and basement class C apt. bldg. (144 rooms of 2, 3 and 4-room apts., garage, swimming pool, tennis courts, etc.)
 Owner—J. A. Manning, 421 Mills Bldg., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Modern steam heating and cooling system, electric refrigeration, etc., to be installed. Bids will be called for in about 60 days.

LOS ANGELES, Cal.—Barnett Shapiro, builder, 211 Wilshire Bldg., applied for building permit to erect a seven-story, 232-room, 110-family Class A apartment house, 140x119 feet, at 801 S. Serrano Ave., for Lee Callahan, 718 Edwards & Wilsey Bldg.; steel frame, reinforced concrete construction. Cost \$305,000.

LOS ANGELES, Cal.—Parker Constr. Co., 904 Commercial Exchange Bldg., has the contract to erect a six-story and basement Class A apartment house on Serrano Ave., between Eighth and Ninth Sts. for I. W. Parker and Leonard J. Brill. It will contain 150 rooms, 60 apartments, automobile storage garage in the basement. The construction will be of reinforced concrete with stucco and cast stone exterior, marble and tile work and steel sash, sprinkler system, etc. Cost \$350,000. Plans were prepared by A. Rouda, architect; A. O. Kneeling, structural engineer, 904 Commercial Exchange Bldg.

To Be Done By Day's Work.
APARTMENTS Cost, \$100,000
SAN FRANCISCO. S Eddy St., E Leavenworth.
 Six-story reinforced concrete apartment and store bldg. (39 apts.)
 Owner and Builder—J. G. Kincannon, 254 Edgewood Ave.
 Plans by Owner.

To Be Done by Day's Work.
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. W Oakland Ave. 190 S Pearl St.
 Three-story frame apartments (51 rooms)
 Owner—Ephraim Field, 614 American Bank Bldg., Oakland.

Plans Being Figured
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Location withheld, 80x186 feet.
 Three-story frame and stucco apartment building, (60 rooms, 2 and 3-room apts.)
 Owner—Withheld.
 Architect—Willis Lowe, 354 Hobart St., Oakland.

LOS ANGELES, Cal.—Architects Kenneth Macdonald Jr. & Co., Spring Arcade Bldg., are preparing plans for an eight-story apartment house to be erected at northeast corner of Ninth and Serrano Sts., and for seven-story apartment house to be erected at the southwest corner of Ninth and Serrano Sts. for Marine Julie Pellessier. The building will be of Class A reinforced concrete construction with stucco exteriors, marble and tile work. The eight-story building will contain twenty-four large apartments and the other building will contain 281 rooms.

Plans Being Figured—Bids Close July 2, 1928, Noon.
APARTMENTS Cost, \$134,500
BERKELEY, Alameda Co., Cal. Dwight Way near College Ave.
 Four-story and basement brick apartment bldg., (80 rooms, library, music room, etc.; 2 and 3-room apts.)
 Owner—Mr. and Mrs. Wm. Herrod.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.
 Bids are being taken for a general contract.

VENICE, Los Angeles Co., Cal.—Otto Coldewe, 8271 Melrose Ave., is preparing working plans for a four-story brick apartment building to be erected at Venice for Tuchman & Cornsweet. Cost, \$125,000.

LOS ANGELES, Cal.—Wesco Constr. Co., builder, applied for building permit to erect a 13-story, 115-room, 48-family apartment house, 56x65 feet, at 1811 Whitley Ave. for Dr. S. M. Wells; Leonard A. Bryant, architect, 700 S. La Brea Ave. Cost \$220,000.

Owner Taking Sub-Bids.
APARTMENTS Cost, \$100,000
SAN FRANCISCO. S Eddy Street E of Leavenworth.
 Six-story reinforced concrete apartment and store building (39 apts.)
 Owner and Builder—J. G. Kincannon, 1706 Geary St., San Francisco.
 Plans by Owner

Date of Opening Bids Postponed Until July 9th, 12 Noon.
APARTMENTS Cost, \$134,500
BERKELEY, Alameda Co., Cal. Dwight Way near College Ave.
 Four-story and basement brick apartment building (80 rooms, library, music room, etc.; 2 and 3-room apts.)
 Owner—Mr. and Mrs. Wm. Herrod.
 Architect—W. H. Weeks, Hunter-Dulin Bldg., San Francisco; 1736 Franklin St., Oakland, and Bank of Italy Bldg., San Jose.
 Bids are being taken for a general contract. Previously reported to be opened July 2.

Plans Being Revised—New Bids To Be Called Shortly.
APARTMENTS Cost, \$45,000
SAN FRANCISCO. Forty-eighth Ave. and Sutro Heights.
 Three-story frame and stucco apartment building (14 apts.)
 Owner—J. A. Carey.
 Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
 New bids will be taken in a few days. Bids previously taken ran too high.

Plans Being Figured—Bids Close July 5.
APARTMENTS Cost, \$35,000
SAN FRANCISCO. S Washington St., 87-6 W Taylor St.
 Three-story and basement frame and stucco apartment bldg., (six 3-room and six 2-room apts.)
 Owner—Barnsley Realty Co.
 Architect—Albert H. Larsen, 447 Sutter St., San Francisco.
 Steam heating system, steel sash, electric refrigeration, etc. Bids are being taken for a general contract.

Preparing Working Drawings.
APARTMENTS Cost, \$850 00
SAN FRANCISCO. Russian Hill, (50x87)
 Twenty-four-story class A apartment bldg., (250 rooms), all modern conveniences.
 Owner—Name Withheld for Present.
 Architect—H. C. Baumann, 251 Kearny.

GLENDALE, Los Angeles Co., Cal.—Dutton, the Home Fynder, Inc., builder, 104 N. Glendale Ave., Glendale, applied for building permit to erect 4-story, 102-room, 35-family Class C brick apartment house at 501-15 S. Burlington Ave. for T. V. Dutton, owner, 1710 Oakwood St., Altadena; J. W. Morrison, designer, 1314 Carlton Dr., Glendale. Cost \$120,000.

Sub-Bids Being Taken.
APARTMENTS Cost, \$600,000
OAKLAND, Alameda Co., Cal. Bellevue and Staten Aves.
 Fourteen-story steel frame and concrete apartment building.
 Owner—Lakeview Bldg. Corp.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Engineer—James Smith, 251 Kearny St., San Francisco.
 Contractor—Thebo, Starr & Anderton, Sharon Bldg., San Francisco.

Sub-Contracts Awarded.
APARTMENTS Cost, \$60,000
OAKLAND, Alameda Co., Cal. Oakland Ave near Harrison St.
 Three-story frame and stucco apartment building. (24 2-room apts.)
 Owner—E. Field.
 Architect and Mgr. of Const.—E. J. Field, American Bank Bldg., Oakland.
 Lumber—Blackman-Anderson Mill and Lumber Co., 805 High St., Oakland.
 Plumbing—A. M. Folsom.

Orders-Inquiries

60 pages

Send for FREE COPY

Can be Secured by MAIL

POLK'S REFERENCE BOOK and Mailing List Catalog

Gives counts and prices on over 8,000 different lines of business. No matter what your business, in this book you will find the number of your prospective customers listed.

Valuable information is also given as to how you can use the mails to secure orders and inquiries for your products or services.

Write for Your FREE COPY

R. L. POLK & CO., Detroit, Mich.

Largest City Directory Publishers in the World
Mailing List Compilers—Business Salesmen
Producers of Direct Mail Advertising

BONDS

LIVERMORE, Alameda Co., Cal.—Trustees of Livermore Union High School District contemplate rection of new high school. A bond election will probably be called to secure funds to finance the structure.

LOS GATOS, Santa Clara Co., Cal.—Election will be held July 12 in Lexington School District to vote direct tax of \$2,500 to finance school improvements. Trustees of district are: George H. Osmer, George Weltz and John T. Beatty.

PETALUMA, Sonoma Co., Cal.—Election will be held July 10 in Liberty School District to vote direct tax of \$3,300 to finance addition to present school. Trustees of district are: Fred Hobbie, Wm. Rabben and C. Lasson.

BAKERSFIELD, Kern Co., Cal.—Election set for June 21 in Bowerbank School District to vote bonds of \$33,000 to finance erection of new school, has been postponed until June 7. Trustees of the district are: Peter Vitelle, Frank Rice and P. D. Van Neman.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Election will be held July 13 in South San Francisco High School District to vote bonds of \$15,000 to finance construction of two tennis courts at high school grounds. Trustees of district are: John F. Dooley, B. H. Traux and H. A. Cavassa.

WILLITS, Mendocino Co., Cal.—Willits Union High School District defeats proposal to issue bonds of \$125,000 to finance erection of a new high school. Voting was 455 in favor and 249 against; two-thirds majority vote was required.

BAKERSFIELD, Kern Co., Cal.—Lerdo School District votes bonds of \$20,000 to finance erection of a new school building.

JACKSON, Amador Co., Cal.—Election will be held July 14 in Sutter Creek High School District to vote bonds of \$20,000 to finance erection of auditorium on school grounds.

GERBER, Tehama Co., Cal.—Election will be held July 14 in Gerber Grammar School District to vote direct tax of \$4,500 to finance erection of 1-classroom addition to present school.

SAN LEANDRO, Alameda Co., Cal.—County supervisors will consider bid July 9 for the sale of the \$20,000 bond issue of the San Leandro School District; proceeds of sale to erect new two-story brick school on Dowling Blvd. in upper Broadmore section. Will contain 4 classrooms. Howard Schroeder, 354 Hobart St., Oakland, is the architect.

CHURCHES

LINDSAY, Tulare Co., Cal.—Building Committee of Baptist Church recommends erection of modern edifice to replace the present structure. A financial drive will be made at once which will include funds for a Bible school unit in connection with the project. W. M. Freeman is chairman of the committee and Lloyd Willis, secretary.

Additional Sub-Contracts Awarded.
CHURCH Cont. Price, \$89,500
OAKLAND, Alameda Co., Cal. Twenty-ninth and Fairmount Aves.
One and two-story reinforced concrete church building.

Owner—First Christian Church.
Architect—W. H. Weeks, Hunter-Dulin Bldg. San Francisco; 1736 Franklin St., Oakland; and Bank of Italy Bldg. San Jose.

Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Joist and Mesh—C. Roman Co., 681 Market St., San Francisco.

Toilet Partitions—Dwan & Co.

Plastering—McGruer & Co., San Francisco, \$19,276.

Electric Work—Slater Electric Co., 569 19th St., Oakland, \$3,140.

Other awards previously reported.

LOS ANGELES, Cal.—Wm. T. Loesch & Son, 200 N. Los Robles St., Pasadena, have been awarded a contract at \$72,058 for the construction of a new church au-

ditorium on West Adams St., between Vermont Ave. and Catalina St., for the West Adams Presbyterian Church. Mr. Loesch's contract includes all work except the heating and ventilating, painting, glass and pews. H. M. Patterson and R. L. Warren, architects, 681 Chamber of Commerce Bldg. The building will be 60x140 feet and will seat approximately 1900; reinforced concrete walls, steel trusses, tile roof, wood floors, art glass, steam heating plant, ventilating system.

Sub-Bids Being Taken.
CHURCH BLDG. Cost, \$150,000
SANTA BARBARA, Santa Barbara Co., Cal. Anapamu and Sola Sts.
One-story class A church bldg.
Owner—Roman Catholic Bishop of Los Angeles and San Diego.
Architect—Edward James, 353 Sacramento St., San Francisco.
Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

FACTORIES & WAREHOUSES

SAN FRANCISCO—F. A. Seiberling, president of the Seiberling Rubber Co. of Akron, Ohio, is considering sites on the Pacific Coast for a rubber manufacturing plant. Sites in the San Francisco Bay district and in Southern California are being considered.

Low Bidder
PACKING PLANTS Cost, \$15,000
SALINAS, Monterey Co., Cal.
Three 1-story corrugated iron packing plants on concrete foundations.
Owner—Monterey County Ice and Development Co. (A. E. Pellett, Mgr.)
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville, Cal.
Low Bidder—C. F. Lang, California and Pine Sts., Salinas.

ALTURAS, Modoc Co., Cal.—Pickering Lumber Co. has purchased additional lands adjacent to the city limits of Alturas and plans early construction of a new mill. The Southern Pacific R. R. is reported to be planning const. of a new line into Alturas from Klamath Falls, and if this line is not constructed, the Pickering interests will construct the railroad to get out timber in the western section of the county.

SAN JOSE, Santa Clara Co., Cal.—A. Megna and J. S. Newell, 49 W-San Fernando St., San Jose, at \$15,000 awarded contract by Hershel California Fruit Products Co. to erect one-story reinforced concrete warehouse at Moorepark Ave. and Race Street.

MERCED, Merced Co., Cal.—L. J. C. Wegner, Merced, at \$3000 awarded contract by Merced County Growers, Inc., to erect assembling and packing shed on Graham Ice plant property.

PORTLAND, Ore.—Gilpin Construction Co., Worcester Bldg., Portland, at approx. \$100,000 awarded contract to remodel old Portland Flouring Mill property adjoining Swan Island for Union Pacific Company. Will have capacity of 500,000 bushels of bulk grain and 600,000 bushels in sacks. Plans prepared by Engineering Department of owners.

Contract Awarded
PACKING PLANT Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Montecrey Road.
Frame and galvanized iron fruit packing plant.
Owner—Bisciglia Bros., Monterey Road, San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—Henry Bolvin, 1041 Garland Ave., San Jose.

STOCKTON, San Joaquin Co., Cal.—Johnson and Raymond Pottery Co., a closed corporation capitalized at \$100,000 and controlled by Dan Raymond of San Jose and Fred P. Johnson of Los Angeles, are looking over sites on which to erect a plant for the manufacture of garden and ornamental pottery, household stoneware and acid proof wares for chemical laboratories. The announcement is made by G. L. Fox, industrial engineer of the Stockton Chamber of Commerce.

Preliminary Plans Being Prepared
MILL BLDG. Cost, \$100,000
SAN FRANCISCO. South of Market District.
Four-story and basement mill construction industrial building.
Owner—Withheld.
Architect—Irvine & Ebbets, Call Bldg.
Further information will be given in about a week.

Award
PLANT Cost, \$40,000
(including equipment)
OAKLAND, Alameda Co., Cal. E 29th Ave. and S. P. right-of-way.
Two-story reinforced concrete plant.
Owner—California Packing Corp. 101 California St., San Francisco.
Engineer—Phillip Bush, 101 California St., San Francisco.
Contractor—Henry J. Christensen, Ray Bldg., Oakland.

Planned.
NEW PLANT Cost, \$500,000
EMERYVILLE, Alameda Co., Cal.
New plant.
Owner—Western Electric Co., 680 Folsom St., San Francisco.
Architect—Eng. Dept. of Owner.
Further details later.

SAN PEDRO, Los Angeles Co., Cal.—William P. Neil Co., Inc., 4814 Loma Vista St., Los Angeles, has been awarded the general contract at \$150,000 for the erection of a one-story reinforced concrete cotton warehouse at Berth 56, Los Angeles outer harbor, San Pedro, for the Los Angeles Compress & Warehouse Co., Cotton Exchange Bldg., Los Angeles. The building will be one-story, 13 ft. high, 220x750 ft., reinforced concrete walls, wood roof construction, building designed for one additional story which will be of mill construction. The entire building completed will cost \$225,000. Other contracts awarded were: Sprinkler system to the Automatic Sprinkler Corp., 610 S. Broadway, Los Angeles; 100,000-gallon steel tank to the Chicago Bridge & Iron Works, Chicago. The contract for the asphaltic concrete floor was awarded to the Griffith Co. last year. Work will be started at once. The compress building and a large power plant were erected last year on this site. Robert J. Cummins, 543 Cotton Exchange Bldg., Los Angeles, engineer.

VANCOUVER, Wash.—Union Bag and Paper Co., Woolworth Bldg., New York, N. Y., has bids under advisement and will shortly award contracts in connection with a \$200,000 plant. Construction will be of brick, steel and concrete.

WATSONVILLE, Santa Cruz Co., Cal.—A. L. Short, Santa Cruz Road, Watsonville, at approx. \$15,000 has contract to erect peeling building and work rooms adjoining present packing plant, recently purchased by Charley Chin Goon; concrete construction.

SISKIYOU COUNTY, Cal.—J. M. Lemon, Etna Mills, at \$5,430 awarded contract by State Highway Commission to erect foreman's cottage, bunkhouse, truck shed, blacksmith's shop, wood shed, oil house and septic tank for Fort Goff Maintenance Yard; engineer's estimate \$5,062.

MARTINEZ, Contra Costa Co., Cal.—Hutchinson Co., Great Western Power Bldg., Oakland, street paving contractors, plan to erect bunkers and a landing dock on the Vanderslice land bordering on Alhambra Creek.

FLATS

To Be Done By Day's Work.
FLATS Cost, \$10,000
SAN FRANCISCO. E 26th Ave., S Ca-brillo St.
Two-story and basement frame and stucco flat bldg. (2 flats).
Owner—T. I. Strand, 882 31st Ave.
Architect—Irvine & Ebbets, Call Bldg.

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO. E Guerrero St., N 25th St.
Two-story and basement frame and stucco flat bldg. (2 flats).
Owner—Mrs. M. Gartland, 899 Guerrero.
Architect—J. C. Hladik, Monadnock Bldg.
Contractor—J. A. Gartland, 899 Guerrero.

GOVERNMENT WORK AND SUPPLIES

MARCH FIELD, Riverside Co., Cal.—Los Angeles Contracting Co., 4816 West Pico St., Los Angeles, at \$103,900 awarded contract by Constructing Quartermaster, March Field, to erect one combined headquarters and operation building, one photo building, one radio building, one parachute and armament building, one paint, oils and dope warehouse.

SAN FRANCISCO, Cal.—Following bids rec. June 22 by Constructing Quartermaster, Fort Mason, for roofing with strip shingles two buildings at San Francisco Presidio:

	Bldg.	Bldg.
	No. 180	No. 375
Jackson Johnson Roof. Co.	\$129.80	\$143.99
F. J. Dunn Roofing Co.	135	155
S. F. Pioneer Roof. Co.	155.15	162.18
American Roofing Co.	172	178
Fibrestone Roofing Co.	216	246
Kyle Roofing Co.	216.92	231.88

SAN FRANCISCO, Cal.—Following bids received June 23 by Constructing Quartermaster, Fort Mason, for stuccoing front of new garage building at Fort Mason: Chas. Bright, 235 Palm Drive, Piedmont..... \$ 720
Geo. W. Boyden..... 725
Pacific Pulverizing Co..... 875
Frank J. Reilly..... 1,043
Jas. Smith..... 1,115
Herman Bosch..... 1,140
Eastman and Moffatt..... 1,165

SAN FRANCISCO, Cal.—Following bids opened June 23 by Constructing Quartermaster at Fort Mason, for painting buildings at the Presidio. Bids were taken under advisement:

Kohler & Harris, Bldg. No. 174, \$200; 176, \$200; 178, \$200; 376, \$170; 337, \$70; 385, \$40; 6, \$70; start, 5 days; limit, 30 days.
Monroe Mohr, Bldg. No. 174, \$214; 176, \$214; 178, \$214; 376 \$142; 337, \$64; 385, \$46; 6, \$66; start, 3 days; limit, 30 days.
Frank Dixon, Bldg. No. 174, \$225; 176, \$225; 178, \$225; 376, \$135; 337, \$55; 385, \$5; 6, \$60; start, 2 days; limit, 30 days.
E. Anderson, Bldg. No. 174, \$242; 176, \$198; 178, \$198; 376, \$120; 337, \$60; 385, \$35; 6, \$55; start, 6 days; limit, 35 days.
Chas. Kernvasser, Bldg. No. 174, \$294; 176, \$294; 178, \$300; 376, \$173; 337, \$60; 385, \$45; 6, \$84.
Werner Fisher, Bldg. No. 174, \$310; 176, \$295; 178, \$270; 376, \$185; 337, \$90; 385, \$35; 6, \$80; start, 5 days; limit, 30 days.
Kissel, Bldg. No. 174, \$325; 176, \$360; 178, \$318; 376, \$177; 337, \$63.50; 385, \$40.50; 6, \$57; start, 10 days; limit, 30 days.
Jas. Burdon & Son, Bldg. No. 174, \$335; 176, \$335; 177, \$335; 376, \$135; 337, \$60; 385, \$55; 6, \$105; start, 10 days; limit, 60 days.
H. Chabon, Bldg. No. 174, \$370; 176, \$370; 178, \$370; 376, \$200; 337, \$85; 385, \$45; 6, \$110; start, 10 days; limit, 30 days.
Conrad Sovig, Bldg. No. 174, \$375; 176, \$375; 178, \$275; 376, \$320; 337, \$120; 385, \$80; 6, \$133; start, 5 days; limit, 40 days.

MARCH FIELD, Riverside Co., Cal.—Mittry Bros., Detwiler, Bldg., Los Angeles, at \$675,815 awarded contract by Constructing Quartermaster, March Field, to erect two double barracks, four sets of Fields Officers' Quarters, 32 sets of Company Officers' Quarters and thirty-six garages at March Field.
Los Angeles Contracting Co., 4816 West Pico St., Los Angeles, at \$239,480 awarded contract to erect ten hangars.

SAN FRANCISCO.—Clinton Const. Co., 923 Folsom St., San Francisco, at \$54,300 (item 2, \$2,700) submitted low bid to Supervising Architect, Treasury Department, Washington, D. C., to construct storage vault at San Francisco Mint. Other bidders were:
Barrett & Hilp.....\$59,392 (2) \$2,918
Schuler & McDonald, Inc..... 63,257 (2) 3,100
H. C. Vensano..... 63,350 (2) 3,100
Macdonald & Kahn, Inc..... 63,500 (2) 2,920
Jas. L. McLaughlin..... 65,256 (2) 2,025
Vogt & Davidson, Inc. 68,329 (2) 3,100

SAN DIEGO, Cal.—Until 11 A. M., July 12, bids will be received by the Public Works Officer, 11th Naval District, San Diego, for furnishing and installing (a) equipment in the main kitchen and serving rooms of sick officers' quarters, (b) equipment in kitchen, sterilizing rooms

and serving rooms of contagious ward, (c) the installation only of clothing disinfecter in contagious ward, and (d) all piping and necessary electrical connections to complete the installation. Plans and specifications may be obtained upon application to Capt. Geo. McKay, public works officer, Foot of Broadway, San Diego. Deposit of \$10 required.

SAN DIEGO, Cal.—Plans are being completed for a large storehouse to be erected at the naval air station. It will be of reinforced concrete construction. The cost will be about \$200,000. Bids will be advertised for shortly by the Bureau of Yards and Docks.

SAN FRANCISCO.—Until July 16, 3 P. M., bids will be received by Supervising Architect, Treasury Department, Washington, D. C., for topographical survey of part of the site of the new U. S. Marine Hospital at the Presidio of San Francisco. Specifications and drawings are on file in the office of Wm. Arthur Newman, District Engineer, 403 Postoffice Bldg., 7th and Mission Sts., San Francisco.

ANTIOCH, Contra Costa Co., Cal.—Following bids received by Postoffice Department, Washington, D. C., for furniture, screenline equipment and lock boxes for postoffice at Antioch:

The Keyless Lock Co., f.o.b. Indianapolis, Ind., \$658.47, \$1,903.47, and \$1,184.62; delivered, \$881.32, \$2,571.57, and \$1,604.13; 25% discount for entire award.
Bourn-Hadley Co., f.o.b. Templeton, Mass., \$3,050.60; delivered, \$3,640.
Federal Equipment Co., f.o.b. Carlisle, Pa., \$692, \$1,965, and \$1,507; delivered, \$920, \$2,496, and \$1,683; less 30% for all and 1% cash.

Texas Hardwood & Supply Co., Dallas, Texas, delivered, \$3,885, 1%.

Geo. Fensky & Co., San Francisco, delivered, \$762, \$1,600, and \$1,757, 1%.

Original Cabinet Corp., f.o.b. Niles, Mich., \$530, \$1,390, and \$1,384.50; delivered, \$753.35, \$1,889.45 and \$1,509.50; less 5% for all and 1% cash.
C. F. Weber & Co., San Francisco, delivered, \$721.15, \$1,679, and \$1,729, less 4% for all.

McLane Mfg. Co. f.o.b. Milford, N. H., \$513.75, \$1,469.72, and \$1,312; delivered, \$642.19, \$1,837.15, and \$1,640; less 10% for all.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 5614, for repairs to dolphins and fenders at Naval Operating Base, San Diego:

Item 1, work complete; 2, destroyer base work; 2, air station work; 4, fuel depot work.

Merritt, Chapman & Scott Corp., item 1, \$88,830; 2, \$51,652; 3, \$14,320; 4, \$22,858.

Barclay-Shanley, 2353 Columbia St., San Diego, Calif., item 1, \$55,000; 2, \$36,500; 3, \$8,600; 4, \$9,900.

Charles & F. W. Steffen, 221 Spreckles Bldg., San Diego, Calif., item 1, \$63,800; 2, \$39,000; 3, \$9,000; 4, \$15,800.

SAN FRANCISCO.—Until July 9, under Circular 1, bids will be received by Contracting Officer, Quartermaster Corps., Ft. Winfield Scott, for Diesel engines for D. B. boats L-34 and L-35. Further information obtainable from above.

TUCSON, Ariz.—Until 11 A. M., July 10, bids will be received by U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., for installing radio receiving equipment at the Veterans' Hospital at Tucson, Ariz. Plans may be obtained from the superintendent of construction at the hospital at Tucson.

SAN DIEGO, Cal.—Until 11 A. M., July 9, bids will be received by Capt. Geo. McKay, public works officer, Eleventh Naval District, San Diego, to const. two extensions to pier at naval operating base. The extension will be slab, beam and girder type reinf. conc. const. Each will be of 65x53 ft., one at the inboard end and the other at the outboard end of the pier. Plans obtainable from public works officer, foot of Broadway, San Diego, on deposit of \$10.

SAN FRANCISCO.—Until July 2, 11 A. M. under Order No. 9844-1327-32-37, bids will be received by U. S. Engineer Office, 85 2nd St., to fur. and del. miscellaneous castings, etc. Further information obtainable from above office.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured
CLUB BLDG. Cost, \$30,000
SAN JOSE, Santa Clara Co., Cal. Tenth Street.

One and two-story frame and stucco club building (auditorium seating capacity 670).

Owner—San Jose Women's Club.
Architect—Wolfe & Higgins, Realty Bldg. San Jose.

Bids are being taken for a general contract.

Plans Being Prepared.
LODGE BLDG. Cost, \$75,000
RENO, Washoe Co., Nevada. Sierra St. Three-story and basement brick and steel lodge and store building.
Owner—Odd Fellows' Lodges of Reno.
Architect—Geo. A. Ferris & Son, Reno, Nevada.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors have been petitioned to levy a direct tax to secure funds to finance erection of American Legion Memorial buildings at Santa Cruz and Watsonville.

OAKLAND, Alameda Co., Cal.—The Thomas Day Co., 725 Mission St., San Francisco at \$3850 submitted low and were awarded the contract by George E. Gross, county clerk, to fur. and install electric lighting fixtures in Veterans' Memorial Building in Adams Park. Henry H. Meyers, architect, Kohl Bldg., S. F. Other bidders were: Roberts Mfg. Co., Oakland, \$5400; Severin Elec. Co., 119 10th St., San Francisco, \$6900.

OAKLAND, Alameda Co., Cal.—Until July 23, 10:30 A. M. bids will be received by George E. Gross, county clerk, to fur. and install lighting fixtures in Veterans' Memorial Building at Berkeley. Cert. check 10% payable to clerk req. with bid. Plans obtainable from clerk on deposit of \$25, returnable. Henry H. Meyers, Kohl Bldg., San Francisco, architect. See call for bids under official proposal section in this issue.

HOSPITALS

RENO, Nevada.—Until July 23, 10 A. M., bids will be received by E. H. Beemer, county clerk, to fur. and install sterilizing equipment for Washoe County Hospital, comprising: one 6-h. p. upright boiler with submerged tubes; one steam heated American sterilizer combination composed of one 14x22-in. dressing sterilizer, one pair 15-gal. water sterilizers; one 2½-gal. still; one 20x20x24-in. utensil sterilizer with hydraulic lift; one 9x12x22-in. direct filling instrument sterilizer; one auto steam control valve for dressing sterilizer; one auto steam control valve for each water tank; one set of piping to connect sterilizers to roughing-in connections. See call for bids under official proposal section in this issue.

WOODLAND, Yolo Co., Cal.—Dr. Fred R. Fairchild, chief of the Yolo County Health Department, is conferring with the county supervisors regarding the erection of a new county hospital. A bond election will probably be called to secure funds to finance construction.

LOS ANGELES, Cal.—Architect Albert C. Martin, Higgins Bldg., is preparing plans for a three-story, basement and sub-basement Class A hospital building to be erected at 2834 Glendale Blvd. for the Monte Sano Sanitarium and Hospital. It will contain operating rooms, hospital rooms, power plant, etc.; the construction will be of reinforced concrete with stucco exterior. The building will be 60x110 feet and will cost \$150,000. Bids will be taken latter part of July.

June 25, 1928
LOS ANGELES, Cal.—R. F. Inwood, Heartwell Bldg., Long Beach, is taking segregated bids for erecting a three-story addition to Home for Women on Griffin Ave., Los Angeles, for the Salvation Army; 100x100 feet. Cost \$100,000.

SAN JOSE, Santa Clara Co., Cal.—Organized women of county have petitioned county supervisors to provide funds in the 1928-29 budget to finance erection of a modern detention home to replace the present structure, said to be unfit for human habitation.

SAN JOSE, Santa Clara Co., Cal.—County supervisors will appropriate funds totaling approx. \$50,000 to finance erection of tubercular preventorium at county hospital grounds; will be one-story frame construction.

ALTURAS, Modoc Co., Cal.—Architect Ralph Taylor, Susanville, has completed preliminary plans for proposed new county hospital; estimated cost, \$50,000. Bonds will probably be voted to finance construction.

New Sketches Under Way
WOODLAND, Yolo Co., Cal.
HOSPITAL Cost, \$200,000
Class A hospital.
Owner—Yolo County.
Architect—W. H. Weeks Hunter-Dulin Bldg., San Francisco.
NOTE—Sketches were prepared some time ago.

SAWTELLE, Los Angeles Co., Cal.—Architect and Engineer Koerner & Gage, 468 N. Camden Dr., Beverly Hills, announce that bids will be taken commencing June 28th for erecting a Class A mess hall, at the Soldiers' Home, Sawtelle; the central portion will be one-story, 60x200 feet, and there will be two end wings, 200x70 feet. It will contain kitchen and commissary departments and structure will be reinforced concrete. Cost \$200,000.

OROVILLE, Butte Co., Cal.—Architects Cole & Brouhard, New First Nat'l Bank Bldg., Chico, are completing plans for proposed brick hospital addition with magnesite and tile floor to be erected at County Infirmary grounds; estimated cost \$35,000. Plans will be presented to the county supervisors for approval shortly.

THE DALLES, Ore.—Until July 12, 2 P. M., bids will be received by State Board of Control at Salem to erect tubercular hospital at The Dalles; estimated cost \$165,000. Bids are wanted for (a) general contract; (b) plumbing; (c) heating; (d) electric work; (e) elevators. Claussen & Claussen, architects, Macleay Bldg., Portland. Plans obtainable from W. S. Nelson, Secty. of Board at Salem.

LOS ANGELES, Cal.—Geo. Mittry, Architects Bldg., submitted low bid to the board of supervisors June 25 at \$127,511 on the general contract for erecting a women's ward building at Los Angeles County Farm near Downey. Low bidders on other contracts were: F. R. Cronenberger, 510 Baker Ave., Bell, on electric wiring at \$3977; J. C. Rendler, 625 S Main St., Los Angeles, on electric fixtures, at \$1972; Jeff Clark, 1105 W 162nd St., Gardena, on plumbing at \$14,340; Young & Fellows, 330 S San Pedro St., on heating at \$10,340. The building will be a two-story, 145x208 feet, reinforced concrete construction, plastered exterior, Spanish tile roof, wrought iron, steam heat.

LOS ANGELES, Cal.—The board of supervisors will extend the time for receiving bids on the new Los Angeles county general hospital building. Certain revisions have been made in the plans and the corrected plans and specifications will be adopted by the board of supervisors on July 2 and the date for receiving bids will be set at that time. It is unofficially announced that the new date will be July 30.

Working Drawings Being Prepared.
HOSPITAL Cost, \$100,000
NAPA, Napa Co., Cal.
Two-story reinforced concrete hospital building.
Owner—Victory Hospital Association
Architect—H. C. Baumann, 215 Kearny St., San Francisco.
Contractor—Ralph McLERan Co., Hearst Bldg., San Francisco.

HOTELS

TUCSON, Ariz.—Overland Hotel Investment Co., A. C. Shreve, San Diego, president, will erect an addition to the Santa Rita Hotel at Tucson to cost \$125,000.

OCEANSIDE, San Diego Co., Cal.—Architect Emory Frasier, Subway Terminal Bldg., Los Angeles, is completing the working plans and R. L. Lee, Burbank has the contract for a 4-story, Class A

hotel and store building to be erected at Oceanside for the Oceanside Hotel Corp.; the building will contain 4 stores, lobby and 84 rooms with 100% baths; reinforced concrete construction. Cost \$200,000.

Plans Being Completed.
HOTEL Cost, \$500,000
SAN FRANCISCO, Geary St. and Magie Alley.
Fourteen-story class A hotel bldg., (25) rooms, 80% baths; 2 elevators; all modern conveniences.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Bids will be taken in about one week.

ICE AND COLD STORAGE PLANTS

LOS ANGELES, Cal.—Until 2 P. M., July 23, bids will be received by county supervisors for furnishing and installing a refrigeration system in the county morgue crypt, various laboratories, and in the county jail, and for the drinking water system of the Hall of Justice. Plans are on file at the office of the Clerk of the Board, 303 Hall of Records.

At the same time bids will be received for furnishing and installing insulation in the cooler room of the county jail, Hall of Justice. Plans on file at the office of the clerk of the board.

POWER PLANTS

EUGENE, Ore.—A. Guthrie & Co., Sherlock Bldg., Portland, awarded contract by city to const. power development project on McKenzie river, including Sec. F, headworks, etc., at \$364,970; Section G, power canal and tailrace, \$262,070, and Section H, forebay, penstocks, and power house, at \$302,188.

OAKLAND, Cal.—Until Aug. 17, 7:30 P. M., bids will be received by John Kimball, Secty., East Bay Municipal Utility District, 1924 Broadway, to furnish f.o.b. Valley Springs, Cal., hydraulic and electric equipment for Pardee Power Plant, Mokelumne River project. Spec. obtainable from secretary. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 3 P. M., July 3, bids will be received by water and power commission for parts for 20,500 H. P. hydraulic turbine; Spec. P-555. James P. Vroman, secretary.

MODESTO, Stanislaus Co., Cal.—B. W. Creim, electrical engineer for Modesto Irrigation District, seeks \$25,20 in 1928-29 budget to finance erection of new substation at Twelfth and B Sts., \$32,000 for increases at Ensen substation, \$20,000 for additional power bank on the 60-KV transmission system in the Ensen station and \$3,000 for increase in Finley station.

PUBLIC BUILDINGS

OAKDALE, Stanislaus Co., Cal.—City trustees have had plans prepared for a fireproof vault for storage of city records; will be 8x8x10-ft. with iron bars and burglar proof vault door. Est. cost \$600.

LAKEPORT, Lake Co., Cal.—C. W. Beck, general contractor of Lakeport, has been commissioned by the county supervisors to prepare plans and specifications for a separate building for the sheriff and county jail to be erected in Courthouse Square. Est. cost \$25,000. Jail department will contain five cells.

VENTURA, Ventura Co., Cal.—The city council has authorized its land and building committee to consider plans for the erection of a new city jail building. The council is also considering the question of erecting a new city hall in which the jail could be located. The board of supervisors has notified the council that city prisoners will not be housed by the county after November 1.

ALAMEDA, Alameda Co., Cal.—City Council plans installation of new passenger elevator in city hall. Estimates of cost are being prepared.

STOCKTON, San Joaquin Co., Cal.—William Anderson, Acacia and Wilson Ave., Stockton, at \$3545, submitted low bid and was awarded the contract by Eugene D. Graham, county clerk, for painting County Fair Grounds buildings.

Other bidders were:
E. E. Burgess, San Francisco.....\$3563
J. H. Deibert & Co., San Francisco..... 4800
J. F. Ecker, Stockton..... 5698
Nelson Bros., Stockton..... 6600

LOS ANGELES, Cal.—The Board of Supervisors of Los Angeles County is contemplating the erection of a new county court house to provide necessary quarters for court rooms and other county departments. The building proposed will be a limit height structure to be located between Broadway and Hill St. and First and Temple Sts. The building and site will cost \$10,000,000 and the question of issuing bonds for the improvement may be submitted to the electors in August.

DELANO, Kern Co., Cal.—Bids will be asked shortly by city trustees to erect new city hall building. Approximately \$5,000 will be expended in construction, exclusive of furnishings.

RIVERSIDE, Riverside Co., Cal.—Architect G. Stanley Wilson has been authorized to complete plans for a new county jail building to be erected at Riverside at a cost of \$175,000. A heating plant for all county buildings will be included in the plan. The board of supervisors is considering means to raise funds to finance the project.

QUINCY, Plumas Co., Cal.—Until June 30, 11 A. M. bids will be received by Quincy Town Hall Association for alterations and remodeling of Quincy Town Hall, according to plans prepared by V. A. Miller, Cert. check 10% req. with bid. Plans obtainable from Mr. Miller at Quincy. Trustees of the hall association are: C. J. Lee, W. J. Miller and Christine Styan.

BREA, Orange Co., Cal.—Hamlyn and Young, Anaheim, submitted low bid on general proposition to the Brea City Council June 20 and were awarded contract at \$22,590 for the construction of a brick and stone-tile city hall building at Brea. Allen Ruoff, architect, 1103 Story Bldg., Los Angeles. The bids follow:
Jail Equipment—Usona Iron Works, \$971; Jackson Iron Works, \$1220; Hoffman Ornamental Iron Works, \$1683.39.
Vault Door—Carey Safe Co., \$132.

LOS ANGELES, Cal.—Until July 26, 11 A. M., bids will be received by Regents of the University of California at the office of the Comptroller, 855 North Vermont Ave., Los Angeles, for general construction of bookstacks in the Library Building on the Westwood site of the University. See call for bids under official proposal section in this issue.

SANTA BARBARA, Cal.—Until July 16 11 A. M., bids will be received by T. Hunt, county clerk, for (1) tile work, (2) ornamental iron work, grilles, and (3) furniture and fittings for co. courthouse, Hall of Records, and Jail building at courthouse grounds. Wm. Mosser and Co., architects, Nevada Bank Bldg., San Francisco. Cash, certified check or bidder's bond for 10% payable to Chairman of Board of Suprs. req. with bid. Plans obtainable from architect on deposit of \$50, returnable, and on file in office of clerk.

LODI, San Joaquin Co., Cal.—McK Wentworth, 332nd St., San Francisco, at \$3,643.50 awarded contract by city to furnish and install library furniture in library addition. Other bids: Becker-Fuller Desk Co., \$3,095; Yawman, Ebre Co., \$3,906.50.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, \$13,122
OAKLAND, Alameda Co., Cal. NW
Hampton Road and Mountain Blvd.
One-story 5-room concrete residence.
Owner—Realty Syndicate Co.
Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.
Contractor—John Bartlett, 354 Hobart St., Oakland.

Contract Awarded
RESIDENCE Cost, \$29,217
ATHERTON, San Mateo Co., Cal. SE
 Atherton Ave. and Monte Vista.
 One-story frame and stucco residence,
 (English style), slate roof.
 Owner—Samuel Lillenthal, 2007 Franklin
 St., San Francisco.
 Architect—Gardner A. Dailey, 425 Mason
 St., San Francisco.
Contractor—Meese & Briggs, 1425 Burlin-
 game Ave., Burlingame.
 Slate roof contract awarded to Albert
 Jean, 4201 Mission St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, \$10,000
BERKELEY, Alameda Co., Cal. Clare-
 mont Dist.
 Two-story frame and stucco residence (8
 rooms).
 Owner—Withheld.
 Architect—Edwards & Schary, 525 Mar-
 ket St., San Francisco.
 Plans will be ready for figures in two
 months.

Plans Being Prepared
RESIDENCE Cost, \$13,000
SAN JOSE, Santa Clara Co., Cal. Alviso
 Road.
 Two-story frame and stucco Spanish
 style 3-room residence with tile roof.
 Owner—Withheld.
 Architect—Wolfe & Higgins, 19 N 2nd St.,
 San Jose.
 Plans will be ready for segregated bids
 in about a week.

Sub-Contracts Awarded
ALTERATIONS Cost, \$14,110
SAN FRANCISCO, NE Broderick and
 Vallejo Streets.
 Alterations and additions to residence.
 Owner—Morgan Gunst, Premises.
 Architect—G. A. Dailey, 425 Market St.,
 San Francisco.
Contractor—Stephenson Constr. Co., Ho-
 bart Bldg., San Francisco.
Glass—Tyre Bros., 666 Townsend St., San
 Francisco.

Plumbing—Ahlbach & Meyer, 85 Dorland
 St., San Francisco.
Electric—Smith Elec. Co., 975 Howard St.,
 San Francisco.
Sheet Metal Work—Guilfoyle Cornice Wks.,
 1234 Howard St., San Francisco.
Tile Roofing—Homer Sosso 55 New Mont-
 gomery St., San Francisco.

To Be Done by Day's Work
RESIDENCE Cost, \$10,000
SAN JOSE, Santa Clara Co., Cal. Fair-
 view Ave.
 One-story frame new English style resi-
 dence.
 Owner and Architect—Warren Skillings,
 Garden City Bank Bldg., San Jose.

Figures To Be Taken Next Week
RESIDENCE Cost, \$20,000
SAN JOSE, Santa Clara Co., Cal.
 Two-story frame and stucco 8-room
 Spanish style residence, (tiled floor,
 terraces, stairs, etc.)
 Owner—Arthur Holmes, 205 Almaden, San
 Jose.
 Architect—Warren Skillings, Garden City
 Bldg., San Jose.
 Plans will be taken for a general con-

COLTON, San Bernardino Co., Cal.—
 Santa Fe Mercantile & Investment Co.,
 1553 N. Mt. Vernon Ave., Colton, will
 erect fifty dwellings in a tract near the
 Junior College. The cost will be \$150,000.
 R. A. Scott, 1553 Mt. Vernon Ave., has
 charge of the construction work.

Preparing Working Drawings.
RESIDENCE Cost, \$15,000
MENLO PARK, San Mateo Co., Cal.
 One-story frame and stucco 3-room resi-
 dence.
 Owner—Browning Smith.
 Architect—Birge M. Clark, 310 Univer-
 sity Ave., Palo Alto.
 Plans will be ready for bids in one
 week.

Contract Awarded.
RESIDENCE Cost, \$50,000
SANTA CRUZ, Santa Cruz Co., Cal.
 Two-story frame and stucco residence
 with tile roof and keeper's cottage.
 Owner—T. S. Montgomery, 40 W San An-
 tonio St., San Jose.
 Architect—Weeks & Day, Financial Cen-
 ter Bldg., San Francisco.
Contractor—Jas. Perkins, 34 S 24th St.,
 San Jose.

Contract Awarded.
RESIDENCE Cont. Price, \$14,810
MENLO PARK, San Mateo Co., Cal.
 Two-story frame, brick veneer and sid-
 ing residence.
 Owner—Leland Prior, Middlefield Road,
 Menlo Park.
 Architect—Birge M. Clark, 310 Univer-
 sity Ave., Palo Alto.
Contractor—Milton Bros., 202 5th Ave.,
 San Francisco.

Completing Plans.
BUNGALOW Cost, \$10,000
BURLINGAME, San Mateo Co., Cal. Bur-
 lingame Hills.
 One-story frame and stucco bungalow.
 Owner—H. W. Rascoe.
 Architect—Russell B. Coleman 1132 Cam-
 bridge Road, Burlingame.
 Bids will be taken in about one week.

Sub-Contracts Awarded.
RESIDENCE Cost, \$65,000
ATHERTON, San Mateo Co., Cal.
 Two-story 15-room frame and stucco resi-
 dence (Spanish type).
 Owner—Leslie M. Moore.
 Architect—Gottschalk and Rist, Phelan
 Bldg., San Francisco.
Contractor—Chas. Stockholm & Son, Russ
 Bldg., San Francisco.
Tile Roofing—Pacific Tile Roofing Co.
Mill Work—Dudfield Lbr. Co., Palo Alto.
Lumber—Ellis Bros., Menlo Park.
Plastering—Peter Bradley, 639 Brannan
 St., San Francisco.
Glass—W. P. Fuller Co., 301 Mission St.,
 San Francisco.

As previously reported, electrical work
 awarded to Stanford Elec. Co., Palo Alto;
 plumbing to H. R. Park, 1230 Broadway,
 Burlingame.

Plans Being Prepared
RESIDENCE Cost, \$—
SAN FRANCISCO, El Camino Del Mar.
 Two-story frame and stucco residence.
 Owner—Jos. L. Hyman, Kohl Bldg.
 Architect—Hyman & Anneton, 68 Post.

Plans Being Prepared.
RESIDENCE Cost, \$25,000
SAN JUAN BAUTISTA, San Benito Co.,
 Cal. 9000 acre ranch.
 One-story frame and stucco Mexican
 style residence, barns, bunk houses,
 etc.
 Owner—Lawrence Kelly.
 Architect—Herman Krause, 243 N 9th St.,
 San Jose.
 Plans will be ready for bids in three
 weeks.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN JOSE, Santa Clara Co., Cal. Hill-
 crest.
 Two-story frame and stucco residence
 with tile roof.
 Owner—J. Cirese.
 Architect—Herman Krause, 243 N-Ninth
 St., San Jose.
 Plans will be ready for bids in a week.

HAYWARD, Alameda Co., Cal.—City
 council rejects bids received to erect
 caretaker's cottage in Memorial Park and
 new bids will be asked. E. P. Whitman,
 architect, Hayward. Rustic construction
 containing four rooms.

Plans Being Prepared
BUILDINGS Cost, \$20,000
LOS GATOS, Santa Clara Co., Cal.
 Hollow tile and plaster barns and out-
 houses, with tile roof; two concrete
 bridges with tile trim, etc.
 Owner—Jas A. Bacigalupi.
 Architect—Herman Krause, 243 N 9th St.,
 San Jose.
 Figures are being taken for tile roofs.

Plans Being Figured—Bids Close July 2.
RESIDENCE Cost, \$50,000
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story twenty-room frame and stucco
 residence.
 Owner—Fuller Browner, 301 Mission St.,
 San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th
 St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Vernon
 Tract.
 Two-story frame and stucco residence, (7
 rooms, 2 baths).
 Owner—Mr. Rich.
 Architect—Henry H. Gutterson, 526 Pow-
 ell St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. San
 Mateo Park.
 One-story brick and stucco residence, (5
 rooms).
 Owner—Richard Minor.
 Architect—Russell B. Coleman, 1132
 Cambridge Road, Burlingame.

Plans Being Prepared.
RESIDENCE Cost, \$8500
BURLINGAME, San Mateo Co., Cal.
 One-story frame and stucco residence, (7
 rooms; Spanish type).
 Owner—Jack Dunbar.
 Architect—Russell B. Coleman, 1132
 Cambridge Road, Burlingame.

Sub-Bids Being Taken.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Ullo Street and
 Twenty-third Avenue.
 Two-story frame and stucco residence (7
 rooms and garage).
 Owner and Builder—Axel Anderson.
 Architect—Clausen & Amandes, Hearst
 Bldg., San Francisco.

SCHOOLS

SAN FRANCISCO.—Until July 11, 3 P.
 M., bids will be received by Board of Pub.
 Works to erect addition to Daniel Web-
 ster school in east side of Missouri St.
 bet. 19th and 20th Sts.; estimated cost
 \$16,500. Plans obtainable from Bureau
 of Architecture, 2nd floor, City Hall.

Bids Opened.
SCHOOL Cost, \$9,000
NEAR ROSEVILLE on County Line of
 Placer and Sacramento Counties.
 One-story frame and brick veneer school
 building.
 Owner—Center Joint School District.
 Architect—Frederick S. Harrison, Peoples
 Bank Bldg., Sacramento.

General Construction
 Jacobs Lucas, Roseville, Cal. \$8,450.00
 Geo. W. Kopp, Sacramento. 8,477.00
 Wilke & Tropper, Roseville. 8,470.00
 Azevedo & Sarmiento, Sacto. 8,800.00
 John H. Loddick. 9,969.72

Plumbing & Electric
 Scott Plumbing & Electric Co.
 1900 M St., Sacramento. \$ 959.00
 L. H. Dallman, Sacramento. 1,225.00

Electric Work
 Scott Plumbing & Electric Co.
 1900 M St., Sacramento. \$ 429.00
 Waxton Bros. 490.00
 Bids taken under advisement, but in all
 probability will be awarded to low bid-
 ders.

TIPTON, Tulare Co., Cal.—Until 2 P.
 M., July 9, bids will be received by the
 Trustees of Tipton School District for
 erecting additions to classrooms and au-
 ditorium of the present school building.
 Bonds in the sum of \$43,000 have been
 voted. Kump & Johnson, Rowell Bldg.,
 Fresno, are the architects.

SANTA BARBARA, Cal.—Architect W.
 H. Weeks, Hunter-Dulin Bldg., San
 Francisco, has completed plans for the
 manual arts building to be erected in
 Le Cumbre Junior High School site; will
 be one-story, 75x205 feet, reinforced con-
 crete construction. Cost \$35,000.

BAKERSFIELD, Kern Co., Cal.—Until
 4 P. M., July 2, bids will be received by
 board of trustees of Kern County Union
 High School District for erecting two
 branch high school buildings, one to be
 erected at McFarland and the other at
 Shafter. The cost will be about \$55,000
 each. Symmes & Cullimore, Bakersfield,
 are the architects.

PASADENA, Cal.—Until 11 A. M.,
 July 10th bids will be received by Pas-
 adena Board of Education, 320 E. Walnut
 St., Pasadena, for remodeling the audi-
 torium and stage at the Pasadena High
 School; John C. Austin and Frederick M.
 Ashley, architects, Chamber of Commerce
 Bldg., Los Angeles; the work will con-
 sist of a new roof, complete re-building
 of stage and other alterations to increase
 the seating capacity. The cost is esti-
 mated at \$65,000. Bids are being taken
 on general, electric wiring, plumbing and
 heating and ventilating contracts.

BAKERSFIELD, Kern Co., Cal.—Arch-
 itects Symmes & Cullimore, Bakers-
 field, are preparing plans for a new school
 building to be erected in the Rockpile
 school district. It will cost \$18,000.

ASHLAND, Alameda Co., Cal.—Until July 6, 7:30 P. M., bids will be received by W. Z. Smith, Clerk, San Lorenzo School District, Ashland School Bldg., Ashland, for alterations and additions to present Sunset School. W. H. Weeks, 111 Sutter St., San Francisco, architect. Cert. check 10% payable to dist. req. with bid. Plans obtainable from architect on deposit of \$15, returnable.

VINA, Tehama Co., Cal.—Until July 7, 8 P. M., bids will be rec. by Vina School District for lathing and plastering and furnishing of one or two rooms in present school. Plans on file in Vina school. Trustees of district are: A. L. Wood, H. A. Belt and C. F. Moore.

Plans Being Figured—Bids Close July 12, 1928, 2 P. M.

SCHOOL Cost, \$160,000
PLACERVILLE, El Dorado Co., Calif.
Reynolds property near Memorial Pk. Two-story class B high school building, brick exterior, with terra cotta, 23 classrooms, gymnasium and shops.

Owner—El Dorado County High School District.

Architect—Davis-Pearce Co., Grant and Weber Sts., Stockton.

Bids are being taken for a general contract and will be opened in Room 6 of the Courthouse in Placerville. Plans may be obtained from the architects. See call for bids under official proposal section in this issue.

CORCORAN, Kings Co., Cal.—Corcoran Grammar School District trustees contemplate erection of a new school in the eastern section of the city. A 3-classroom structure costing \$25,000 is contemplated. Bonds will be voted to finance construction.

SAUSALITO, Marin Co., Cal.—The following contracts were awarded by S. G. Ratto, clerk Sausalito School District, for fencing at school grounds and for plastering exterior of present South school building. Norman R. Coulter, architect, 46 Kearny St., San Francisco.

Plastering

E. O. Selley, 1200 15th Ave., San Francisco.

Fencing

Michel and Pfeffer Iron Works, Harrison and 10th Sts., San Francisco.

FRESNO, Fresno Co., Cal.—Until July 6, 10 A. M., bids will be received by Squaw Valley School District to erect new school building. Bonds of \$4000 voted to finance. W. D. Coates Jr. Co., architects, Rowell Bldg. Fresno. Cert. check 10% or bidder's bond req. with bid. Plans obtainable from architect.

BEVERLY HILLS, Los Angeles Co., Cal.—A bond issue in the sum of \$500,000 was voted June 14 by Beverly Hills School District for the erection of new school buildings. The vote was 534 for, 29 against. The program includes the erection of a new building at the Hawthorne School site for which Ralph C. Flewelling, 423 Camden Dr., Beverly Hills, is the architect. This building will contain twenty-four rooms and an auditorium and is estimated to cost \$210,000. There will also be an addition at the Beverly Vista School site to cost \$30,000 and an addition at the Tatum school site.

Plans Being Prepared
ADDITION Cost, \$9,000

MT. VIEW, Santa Clara Co., Cal.
Two-room frame addition to school.
Owner—Whisman School District.
Architect—Wolfe & Higgins, 19 N 2nd St., San Jose.

Bonds will be voted shortly.

Plans Being Prepared
REMODEL Cost, \$3500
MT. EDEN, Santa Clara Co., Cal.
Remodel room of school.
Owner—Mt. Eden School District.
Architect—Wolfe & Higgins, 19 N 2nd St., San Jose.

Completing Plans

SCHOOL Cost, \$50,000
CHUALAR, Monterey Co., Cal.
One-story reinforced concrete grammar school (6 rooms and auditorium).
Owner—Chualar Grammar School District.
Architect—Edwards & Schary, 525 Market St., San Francisco, associated with H. B. Douglass Greenfield, Monterey, Cal.

Plans will be ready for bids in three weeks.

TOMALES, Marin Co., Cal.—Until July 9, 8 P. M., bids will be received by A. D. Hopkins, Clerk, Tomales Joint Union High School District, to furnish supplies and equipment as required from July 1, 1928 to June 30, 1929, including 15 heavy duty bus tires 32x6; 40 arm chairs (white oak) similar to C. F. Weber's chair No. 99. (Submit sample.); 12 window curtains 9 ft. long and 48 in. wide (tan color); 2 window curtains 8 ft. long and 54 in. wide (tan color); 12 wire guards for gymnasium windows 100"x42"; 2 wire guards for gymnasium windows 76"x52". Above guards similar construction to No. 20 or 21 as put out by Rucker-Fuller Desk Co. Further information obtainable from Clerk.

Low Bidders.

SCHOOL Cost, \$9,000
NEAR ROSEVILLE on County Line o

Placer and Sacramento Counties.
One-story frame and brick veneer school building.

Owner—Center Joint School District.
Architect—Frederick S. Harrison, People Bank Bldg., Sacramento.

General Work—Jacob Lucas, 1604 V St. Sacramento, \$8450.

Plumbing and Electric Work—Scott Plumbing & Electric Co., 1900 M St. Sacramento, \$1425.

A complete list of bids available from this office today. Contracts are to be awarded to low bidders.



NOTE:—This "advice to fathers" appeared in these columns before, but some of them (fathers not these columns) are so dumb that Sandy is reprinting the story.

IN THIS age.

OF WOMAN'S equality.

WITH THE men folks.

SANDY PRATT, producer.

OF CLEAN, sharp sand.

HARD, CRUSHED rock.

AND WASHED gravel.

DESIRES TO tell father.

"HOW TO care.

FOR THE baby."

WHILE MOTHER attends clubs.

AND EVERYTHING.

FIRST, NEVER feed goat's milk.

TO THE baby.

IF YOUR darling.

IS A girl.

IT MIGHT.

WHEN SHE grows up.

MAKE HER a "social climber."

IF FATHER bathes the child.

AND BABY turns blue.

THEN THE water.

IS TOO cold.

ADD STEAM, not ice.

IF YOUR offspring.

TURNS RED or scarlet.

THE WATER is too hot.

ADD COLD water immediately.

IF MOTHER is detained.

AT THE club.

AND IT is necessary.

TO CHANGE baby's clothing.

THAT IS buttoned on.

WITH SAFETY pins.

FATHER CAN tell.

IF THE safety pins.

ARE FASTENED to the flesh.

FOR BABY will immediately cry.

NOW, SOME of Sandy's readers.

MAY WONDER why.

SANDY PRINTS this stuff.

BUT HOW many fathers.

COULD WALK into a hospital.

AND PASS an examination.

FOR A trained nurse.

AND NOW that the ladies.

ARE SERVING as mayors.

GOVERNORS OF States.

IN CONGRESS and elsewhere.

SOMEONE MUST start.

TO TEACH men.

TO CARE for babies.

AND SANDY Pratt.

HAS THE "Sand."

TO START the movement.

SANDY OFFERS a million "rocks."

TO BUILD a college.

TO TEACH father.

TO CARE for the baby.

"I THANK you."



This picture explains, in a way, Sandy's above story. Mother was detained at the club, baby is crying and father is getting nervous. Why doesn't he give the baby a SANDWICH or a piece of ROCK-cod, produced by Sandy Pratt at Marysville, Prattrock (near Folsom), Sacramento, Prattco (Monterey County) and Mayhew (Sacramento County)—Central office—San Francisco.

SANTA BARBARA, Santa Barbara Co., Cal.—Following bids received June 22 of State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, for general work in connection with Home Economics Building for the Santa Barbara State Teachers' College. It will be two-story and basement reinforced concrete with concrete and hollow partitions, cement and wood floors, and roof construction and tile floor; estimated cost \$145,000. Geo. B. McDougall, architect.

General Bids
 Estimate is deduct if tile roof is omitted.
 McKew & Gould, 2013

Glendale Ave., L. A.	\$132,109	\$3600
in Simpson, L. A.	134,350	1500
in Bros., Los Angeles	134,982	4000
L. Vezina Santa Barbara	139,493	4100
E. Penn.	144,472	3500
Mayson, Long Beach	145,523	3400
Ray Gould, Los Angeles	163,035	3460
Moe, Santa Barbara	170,571	3990
P. Sullivan, Santa Barbara	199,987	4900

Plumbing, Heating, Ventilating and Electrical

fourrette-Fical Co., 907 Front St., Sacramento	\$28,069
H. Smith, Long Beach	28,990
Plumbing, Heating and Ventilating	
fourrette-Fical Co., 907 Front St., Sacramento	\$19,580
T. Stewart, Santa Barbara	20,507
Hardware Co., Santa Barbara	21,747
T. McArthur, Los Angeles	21,850
H. Smith, Long Beach	21,980
tingham Heat. Co., Oakland	22,644
eeney & Son, Santa Barbara	23,146
ckman Bros., San Pedro	27,321

Heating and Ventilating

Hardware Co., Santa Barbara \$ 9,749

Plumbing

Hardware Co., Santa Barbara \$11,998

Electrical Work

ore Elec. Co., 221 W 3rd St., Los Angeles	\$ 7,345
H. Smith, Long Beach	7,490
fourrette-Fical Co., Sacramento	8,323
E. Elec. Co., Santa Barbara	9,580
C. McCabe, San Francisco	10,841

CLARKSBURG, Yolo Co., Cal.—Following bids received June 20, 8 P. M., by H. H. Heringer, Secty., Clarksburg High School District, to erect high school gymnasium building. Dean and Dean Architects, California State Life Bldg., Sacramento. Will be one-story frame and masonry; school will contain 6 classrooms. Bids were taken under advisement for week.

R. Hanify, Sonora	\$66,950
W. Robertson, Sacramento	68,888
F. Bender, Sacramento	69,075
mpbell Const. Co., Sacto.	69,934
S. S. Unger, Sacramento	70,188
W. Kopp, Sacramento	71,585
E. Vickroy, Stockton	72,200
and H. Betz, Sacramento	73,258
ndon & Finnigan, Sacto.	73,661
ldener Const. Co., Sacto.	78,870

CHICO, Butte Co., Cal.—State Department of Public Works, Division of Architecture, Forum Bldg., Sacramento, is permitted to take out of the emergency fund the sum of \$155,000 to complete work on buildings at the Chico State Teachers' College, according to an opinion of Attorney General U. S. Webb. The opinion was requested by A. R. Cron, state director of finance, who stated that the sum of \$230,000 is needed to restore the buildings, which were recently destroyed by fire.

MERCED, Merced Co., Cal.—Manuel Villa, Merced, awarded contract by Merced Union High School District to install boiler in high school in connection with heating plant.

BURBANK, Los Angeles Co., Cal.—Until 6:30 P. M., July 6, bids will be received by the Board of Education of Burbank for erecting a new Junior High School building on Clark St., between Keystone St. and Parrish Place. Francis D. Rutherford, Mills-Fraser Bldg., Santa Monica, is the architect. Bids will be taken separately on the general contract, plumbing and heating, and electric wiring. The building will be one-story and part two-story, 287x65 feet, brick construction with tile and composition roof. The cost is estimated at \$150,000.

Plans Being Figured—Bids Close July 9, 1925, 8 P. M.

SCHOOL Cost, \$20,000
ALBANY, Alameda Co., Cal.
 Two-story frame and stucco school bldg., (six classrooms and study hall).
 Owner—Albany Board of Education.
 Architect—Davis-Pearce Co., 47 N Grant St., Stockton.

Plans Being Figured—Bids Close July 10, 1925, 8 P. M.

SHOP BLDG. Cost, \$6000
ESCALON, San Joaquin Co., Cal.
 One-story class C shop building with brick exterior.
 Owner—Escalon Union High School Dist.
 Architect—Davis-Pearce Co., 47 N Grant St., Stockton.

SAN RAFAEL, Marin Co., Cal.—Henry Hess Lumber Co., San Rafael, at \$574.91 awarded contract by Board of Education to furnish and deliver pine and hardwood lumber for woodworking classes at school.

Completing Plans

ADDITION Cost, \$15,000
EAST NICOLAUS, Sutter Co., Cal.
 Frame and stucco four-room addition to school.

Owner—East Nicolaus School District.
 Architect—Cole and Brouhard, New 1st National Bank Bldg., Chico.
 Plans will be ready for bids in two weeks.

Commissioned To Prepare Plans

SCHOOL Cost, \$100,000
CRESCENT CITY, Del Norte Co., Cal.
 One-story reinforced concrete school bldg. (15 classrooms, auditorium, offices etc.)

Owner—Crescent City Elementary School District.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Prepared Sketches

SCHOOL Cost, \$25,000
RIO VISTA, Solano Co., Cal.
 One-story frame grammar school bldg.
 Owner—Rio Vista Grammar School Dist.
 Architect—Albert F. Roller, Crocker 1st National Bank Bldg., San Francisco.

Mr. Roller was asked to prepare sketches for this building for the bond election, selection of an architect has not been made.

BAKERSFIELD, Kern Co., Cal.—Until July 2, 7:30 P. M., bids will be received by D. E. Uner, clerk, Kern County Union High School District, for electric work in connection with additions to shops building at high school site. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk req. with bid. Plans obtainable from architect on deposit of \$10, returnable. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Currie & Duigar, Kern County Land Co. Bldg., Bakersfield, at \$153,300 awarded general contract for erecting a new auditorium and classroom building and an addition to the shop building at Kern County Union High School. Chas. H. Biggar, Bakersfield, is the architect. Other awards are: Metzer Plumbing Co., Bakersfield, on plumbing at \$3390; Gundlach Plumbing Co., Bakersfield, on heating and ventilating at \$3400, and Kern Valley Electric Co., Bakersfield, on wiring at \$1900.

LOS BANOS, Merced Co., Cal.—F. H. Reiddle, Los Banos, at \$7633 awarded contract by Los Banos Grammar School District to erect 2-classroom addition to present school.

OAKLAND, Cal.—Until July 10, 10:30 A. M., bids will be received by John W. Edgemond, Secty., Board of Education, to grade Lowell Junior High School site. Specifications obtainable from above at 211 City Hall.

APTOS, Santa Cruz Co., Cal.—H. J. Graham, Watsonville, awarded contract at approx. \$18,000 (including all work) by Board of Trustees of Aptos Schol Dist. to construct frame and stucco school building from plans prepared by Architects A. W. Story and J. H. DeLange, Pajaro Bank Bldg., Watsonville.

Other bidders were:
 Minton Co., Mt. View \$16,473
 J. H. Graham, Watsonville 16,875
 D. R. Rosenwald, Watsonville 16,950
 Palmer & Balsinger 17,084
 Carl N. Swanson 17,283
 D. L. Covey 17,122.65
 Wilson & McGranahan 17,474
 W. S. Sechrist, Watsonville 18,151
 F. W. Van Ness 18,598.46

Electric Work

Alfred Dufour \$ 970

Heating

Byrne Bros.	\$1800
Whitney Bros.	1662
Arbuckle Heating Co.	1400
Minton Co.	2700
Geo. C. Bell Co.	1730
Freimuth Co.	1440
A. C. Beck	1361
Nottingham Heating Co.	1780

Water Piping

Freimuth Co.	\$ 492
Whitney Bros.	799
A. C. Beck	524
S. W. Toney	690

CHICO, Butte Co., Cal.—As previously reported, J. M. Evans & Son, Chico, at \$31,490 awarded contract by Board of Education to erect 4-classroom school with offices, storeroom, toilets and heating system. Other bids were: E. C. Martin, Sacramento, \$32,577; Tucker & Reilly, Stockton, \$32,934; J. P. Brennan, Redding, \$33,500; Wm. J. Schalz, Chico, \$33,680. Cole & Brouhard, Chico, are the architects.

BURBANK, Los Angeles Co., Cal.—Until 6:30 P. M., July 11, bids will be received by the Burbank Board of Education, 324 W. San Fernando Blvd., Burbank, for the construction of a two-story addition to the present Junior High School at Burbank. Francis D. Rutherford, 205 Mills-Fraser Bldg., Santa Monica, architect. Bids will be taken on the general contract, 200x 65 feet. Cost, \$225,000.

BURBANK, Los Angeles Co., Cal.—Until 6:30 P. M., July 6, bids will be received by the Burbank Board of Education, 326 W. San Fernando Blvd., Burbank, for a one-story and part two-story Junior High School building to be known as the New Valley Junior High School. Bids will be taken on the general, heating, plumbing and electric wiring. Francis D. Rutherford, 205 Mills-Fraser Bldg., Santa Monica, architect, 287x65 feet. Cost, \$100,000.

Preparing Working Drawings

ADDITION Cost, \$6,000

SACRAMENTO, Sacramento Co., Cal.
 One classroom addition to present one-story brick veneer school building (remodel stage, steam heating system).

Owner—Elder Creek School District.
 Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Plans will be ready for 30 days. Bonds were recently voted for constructing same.

Layouts and Estimates Furnished
 Member Builders Exchange

Telephone: KEARNY 7155
 Sheet Metal Contractors Ass'n

THE SHEET-METAL SHOP

IN ALL ITS BRANCHES

Manufacturing and Installation of
 HOTEL, RESTAURANT AND CAFETERIA EQUIPMENT

Steam Tables, Urn Stands, Hoods, Sinks, Warmers, Etc.

School, Hospital and Institutional Work our Speciality

General Jobbing and Repairing

509-511 SIXTH STREET

SAN FRANCISCO, CAL.

BURBANK, Los Angeles Co., Cal.—Until 6:30 P. M., July 11, bids will be received by the Board of Education of Burbank for erecting an additional building at the Burbank Junior High School site. Francis D. Rutherford, Mills-Fraser Bldg., Santa Monica, is the architect. Bids will be taken separately on the general contract, plumbing and heating, and electric wiring. The building will be two stories, 200x65 feet, brick construction. Cost \$225,000.

ST. HELENA, Napa Co., Cal.—Until July 9, 7:30 P. M., bids will be received by W. S. Harrington, clerk, St. Helena Union High School District, to fur. and del. tools and equipment for Manual Training Departments. Cert. check 10% req. with bid. Complete lists of materials desired obtainable from clerk.

SMITH RIVER, Del Norte Co., Cal.—Bids are being received (date for opening not set) by Zelma Maris, clerk, Smith River Union School District, for painting school at Smith River, both interior and exterior. Further particulars obtainable from W. K. Owen at Smith River.

CLOVIS, Fresno Co., Cal.—Until July 9, 12 noon, bids will be received by Ben McKay, Secty., Clovis Union High School District to move and alter frame building, known as Old Auditorium, at s. e. DeWitt and Fourth Sts. Plans on file in office of secretary.

FAIR OAKS, Sacramento, Cal.—Until July 9, 8 P. M., bids will be rec. by J. E. Holst, clerk, Fair Oaks School District, to erect one story brick school for which \$45,000 were recently voted to finance. Coffman-Sahlgren-Stafford architects, 602 Plaza Bldg., Sacramento. Cert. check 10% payable to dist. req. with bid. Plans obtainable from architects. See call for bids under official proposal section in this issue.

KENTFIELD, Marin Co., Cal.—Until July 12, 8 P. M., bids will be received by Ada M. Fusselman, Secty., Marin Junior College Board, at Junior College Bldg., Kentfield, to fur. and del. chemistry supplies, surveying supplies, botany, zoology and physics supplies, office supplies, electrical, medical and physical education supplies and library books. Specifications obtainable from A. C. Olney, president of Marin Junior College at Kentfield.

TIPTON, Tulare Co., Cal.—Until July 9, 2 P. M., bids will be received by F. J. Klindera, clerk, Tipton Elementary School District, to erect classroom additions and auditorium to preset school. Kump & Johnson, architects, Rowell-Chandler Bldg., Fresno. Cert. check or bidders bond for 10% payable to clerk req. with bid. Plans obtainable from architects.

PORTERVILLE, Tulare Co., Cal.—Until July 6, 8 P. M., bids will be rec. by Bert W. Dennis, clerk, Porterville Union High School District, to erect 2-classroom addition at present high school. W. D. Coates, Jr., architect, Rowell Bldg., Fresno. Cert. check or bidder's bond 10% req. with bid. Plans obtainable from architect or from C. O. Premo at Porterville.

EMERYVILLE, Alameda Co., Cal.—The following bids were received by R. S. Hawley, clerk, Emeryville School Dist., 47th and San Pablo Ave., to erect one-story addition in north side of 41st St., east of San Pablo Ave., consisting of 3 classrooms and kindergarten and assembly rooms:

E. T. Lesure, 87 Ross Circle, Oakland	\$ 9,686
J. B. Bishop, Oakland	9,693
John E. Branagh, Oakland	9,910
T. G. Courtright, Oakland	10,000
A. Nally, Oakland	10,327
George Swanstrom, Oakland	10,349
Dinnie Const. Co., Oakland	10,471
J. W. Cobby & Son, San Francisco	10,500
Sullivan & Sullivan, Oakland	10,700
Fred. J. Westlund, Oakland	11,774

Bids taken under advisement for one week.

DAVIS, Yolo Co., Cal.—Davis Lumber Co., Davis, at \$6,892, awarded contract by Davis Grammar School District to place Johns-Manville asbestos roofing on grammar school in addition to repairing drains etc. Starks & Flanders, Ochsner Bldg., Sacramento, architect.

OAKLAND, Alameda Co., Cal.—Until July 10, 10:30 A. M., bids will be received by John W. Edgemond, Secty., Oakland, Board of Education, for grading East Oakland High School site.

SISKIYOU COUNTY, Cal.—Steps are being taken to provide school building for Klamath River Reclamation Dist. where 80 children are said to be without school facilities. A 5-acre site has already been secured for the structure.

OAKLAND, Alameda Co., Cal.—The following contracts were awarded by John W. Edgemond, Secty., Board of Education, to erect addition to Lazear School at NE 29th and Elmwood Ave. Will be one-story brick, containing 4 classrooms; est. cost, \$76,000. Hutchison & Mills, architects, Robert Howden Bldg., 337 17th St., Oakland.

General Work	
Lawton & Vezey, 354 Hobart St., Oakland	\$57,890
Finish Hardware	
Associated Hardware Co., 977 San Pablo Ave., Oakland	\$ 1,097
Awning Type Windows	
Universal Window Co., 1916 Broadway, Oakland	\$ 638
Slate Blackboards	
R. W. King, Oakland	\$ 999
Linoleum	
Anderson Carpet House, 519 13th St., Oakland	\$ 849

OAKLAND, Alameda Co., Cal.—Leibert and Trobeck, 185 Stevenson St., San Francisco, at \$169,696 awarded contract by John W. Edgemond, Secty., Board of Education, to erect administration building in west side of Second Ave. bet. E Tenth and E Eleventh Sts. Will be three-story reinforced concrete; estimated cost \$200,000. Wm. Knowles, architect, 1214 Webster St., Oakland.

Plans Being Completed.
SCHOOL Cost, \$30,000 1st unit (\$150,000 completed)
SAN LEANDRO, Alameda Co., Cal.
 One-story 4-room brick school, (1st unit of 20 rooms).
 Owner—San Leandro School District.
 Architect—Howard Schroeder, 354 Hobart St., Oakland.

Plans are to be submitted to the Board for approval June 29th.

MONTEREY, Monterey Co., Cal.—The following contracts were awarded by Architects Swartz and Ryland, Brix Bldg., Fresno, for the construction of a one-story convent building for the Sisters of St. Francis.

General contract, including excavation, carpenter work, brick work, mill work, steel and iron, rough hardware and fenestration sash.

M. D. Sundberg, Monterey, \$11,019; (concrete work), \$1550; (roofing), \$846; (glass), \$350.

William Ingram, Monterey, (plastering) \$4025.

McConnell Electric Works, Monterey, (electrical work), \$1300.

Roy Barton, Monterey, (plumbing), \$1,350; (heating), \$2275.

Vosmer Sheet Metal Works, Monterey, (sheet metal work), \$423.

The painting contract has not yet been let.

BANKS, STORES & OFFICES

Plans Complete
ADDITION Cost, \$5,000
RICHMOND, Contra Costa Co., Cal. 8th St. and Macdonald Ave.

One-story brick addition to store.

Owner—C. M. Berry.

Lessee—Ben Malik.

Architect—de Sanno & Bedwell, 271 10th St., Richmond.

Contract Awarded
STORE BLDG. Cost, \$9000
SAN FRANCISCO. E Seventh St. 80 N Folsom St.

One-story and mezzanine concrete store building.

Owner—L. A. Myers, 68 Post St., San Francisco.

Architect—None.

Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, \$50,000
OAKLAND, Alameda Co., Cal. Washington and 11th Sts.

Alter store, (new front, fixtures, etc.)

Owner—J. C. Penney Co., 467 11th St., Oakland, and Russ Bldg., S. F.

Architect—Architectural Dept. of Owner.

MODESTO, Stanislaus Co., Cal.—Wieland Bros., Modesto, at approx. \$15,000 awarded contract by George Kounias to erect a one-story brick and concrete store building in Tenth St.; site is 50x140 feet.

Plans To Be Prepared.
OFFICE BLDG., ETC. Cost, \$25,000
SAN FRANCISCO. Seventeenth and Missouri Streets.

One and two-story steel concrete office building and addition to present plant (100x100 feet).

Owner—Folsom Street Iron Works, Inc., Premises.

Architect—Theo. Lenzen, Humboldt Bk. Bldg., San Francisco.

Site is now being graded, however plans have not been started.

Commissioned To Prepare Plans
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. 19th and Broadway.

Class A office building.

Owner—Guarantee Bldg. and Loan Assn., 69 S First St., San Jose.

Architect—Albert F. Rolier, Crocker 1st National Bank Bldg., San Francisco.

PATTERSON, Stanislaus Co., Cal.—A. P. and Geo. Jaderquist, Patterson, having plans prepared for a one-story Mission type of store building to be erected south of the Masonic Hall; will contain 10,800 sq. ft.

ORNAMENTAL WIRE AND IRON WORK

IRON
WIRE

Fence and Gates

Tennis Court Enclosures

Wire Screens and Guards

West Coast Wire & Iron Works

San Francisco, California

861-863 Howard St.

Tel. Douglas 4397

CONTINUOUS OPERATION SINCE 1887

Owner Taking Sub-Bids
BUILDING Cost, \$25,000
UKIAH, Mendocino Co., Cal. One-story brick newspaper plant.
Owner—The Republican Press, Ukiah.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
 Construction has been started by day's work. Terra cotta contract awarded to Gladding, McBean Co.

Contract Awarded—Complete Bid Listing.
OFFICE BLDG. Cont. Price, \$157,094 (including alt.)
SAN FRANCISCO. California St. near Sansome St.
 Ten-story class A office building to adjoin present building.
Owner—Robert Dollar Co., 311 California St., San Francisco.
Architect—Charles McCall, 1404 Franklin St., San Francisco.
Contractor—K. E. Parker Co., 135 South Park, San Francisco.

Following is a complete list of the bids received:

K. E. Parker.....	\$153,950
Chas. W. Hoyer.....	159,900
W. D. Henderson.....	161,400
MacDonald & Kahn.....	164,273
Barrett & Hilp.....	165,364
Monson Bros.....	165,957
Lindwiddle Constr. Co.....	166,000
Lindgren & Swinnerton.....	167,000
J. E. Scully.....	168,505
Jas. L. McLaughlin.....	177,605

Plans Being Completed.
ALTERATIONS Cost, \$50,000
SAN FRANCISCO. No. 243-249 Kearny Street.
 Extensive alterations to present three-story brick and concrete office building.
Owner—W. B. Foshay Co.
Architect—August Nordin, 717 Mills Bldg. San Francisco.
 Bids will be taken in about three weeks

Concrete Superstructure Awarded.
STORE BLDG. Cost, \$—
OAKLAND. Alameda Co., Cal. Twentieth St. and Broadway (80,000 sq. ft.)
 Four-story basement and sub-basement class A department store building, (foundation for 10 stories to be added at a later date).
Owner—Twentieth & Broadway Realty Co., San Francisco, (H. C. Capwell Co.)
Architect—Ashley & Evers, 535 Market St., San Francisco, and Starrett and Van Vleck, New York City, N. Y.
Fixture Architecture—Taussig & Flesch, Chicago.
Contractor—P. J. Walker, Sharon Bldg., San Francisco.
Concrete Superstructure—Clifton Const. Co., 923 Folsom St., San Francisco.
 Other awards reported June 18.

Sub-Contracts Awarded.
BANK BLDG. Cost \$—
ELKO, Nevada.
 Four-story reinforced concrete bank and office building with brick and stone facing.
Owner—Henderson Banking Co.
Architect—Goe. W. Kelhan, 315 Montgomery St., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Brick Work—Gladding, McBean Co., 660 Market St., San Francisco.
Excavating—Walter Gann, Elko.
Concrete and Masonry—J. P. Murphy, Salt Lake City.
Stone Work—California Cut Stone & Granite Co.
Electric Wiring—NePage-McKenney Co., 559 Howard St., San Francisco.
Plumbing, Heating and Ventilating—Maurice Ferrerday, Spanish Fort, Utah.
Finish Hardware—A. W. Hasson Co., Elko.
Exterior Metal Window and Hollow Metal Work—Forderer Cornice Works, 269 Potrero Ave., San Francisco.

To Award Contract.
OFFICE BLDG. Cost, Approx. \$200,000
SAN FRANCISCO. California St. near Sansome St.
 Ten-story class A office building to adjoin present building.
Owner—Robert Dollar Co., 311 California St., San Francisco.
Architect—Charles McCall, 1404 Franklin St., San Francisco.
Contractor—K. E. Parker Co., 135 South Park, San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, \$—
SAN FRANCISCO. NE Pine and Montgomery Sts.
 Alterations to present building.
Owner—San Francisco Stock Exchange, 341 Montgomery St.
Architect—None.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Plumbing—Frederick W. Snook & Son, 596 Clay St., San Francisco.
Painting—A. Quandt & Son, 374 Guerrero St., San Francisco.
Wiring—Central Electric Co., 179 Minna St., San Francisco.
Glass—Arthur Goepf, 32 Page St., San Francisco.
Mill Work—Pacific Manufacturing Co., 185 Stevenson St., San Francisco.
Lumber—Christensen Lumber Co., San Francisco.
Plastering—Peter Bradley, 639 Brannan St., San Francisco.
Stairs—Lawrence S. Pierano, 60 13th St., San Francisco.

Plans Complete—To Be Done By Day's Work.
ALTERATIONS Cost, \$20,000
PALO ALTO. Santa Clara Co., Cal.
 Alter 2-story brick bldg. for bank.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Powell and Eddy Sts., San Francisco.

LONG BEACH, Cal.—Llewellyn Iron Works, Los Angeles, has been awarded the contract for furnishing and erecting the structural steel for the addition to be erected to the Jergins Trust Bldg. at Long Beach. It has been decided to add four stories instead of three as originally contemplated. P. J. Walker Co., Garland Bldg., Los Angeles, is the contractor; H. H. Lochridge, Long Beach, architect. The total cost will be about \$400,000.

Grading Bids Being Taken.
OFFICE & SHOP BLDG. Cost, \$20,000
SAN FRANCISCO. Bounded by Russo St. Bernal Road and Milton St.
 One-story and basement frame and concrete office and shop bldg.
Owner—W. S. Ray Mfg. Co., 170 Sutter.
Architect—R. R. Irvine and L. Ebbets, Call Bldg., San Francisco.
Manager—C. H. Uznay, Call Bldg.
 Grading bids for approximately 6,000 sq. yds. are now being taken; segregated bids will be taken next week.

Contract Awarded.
ALTERATIONS Cost, \$8000
SANTA MARIA, Santa Barbara Co., Cal.
 Alterations for bank.
Owner—Bank of Italy, Eddy and Powell Sts., San Francisco.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$8000
REEDLEY, Fresno Co., Cal.
 Alterations to bank.
Owner—Bank of Italy.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., S. F.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, \$300,00.
OAKLAND. Alameda Co., Cal. Fourteenth St., bet. Webster and Franklin Streets.
 Five-story Class A office building, 50 by 100 feet.
Owner—Income Properties of Calif., 436 14th St., Oakland.
Architect—Frederick H. Reimers, 1624 Franklin St., Oakland.
Contractor—Chas. Heyer, Mills Bldg., San Francisco.
Brick Work—Herbert Beckwith, 354 Hobart St., Oakland.
Cast Stone Front—McGilvray-Raymond Granite Co., 634 Townsend St., S. F.
Composition Treads—Christenson & Son, Oakland.
Elevator—Otis Elevator Co., Beach and Stockton Sts., San Francisco.
Electric Work—Smith Electric Co., 975 Howard St., San Francisco.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Heating and Ventilating—Geo. A. Schuster, 4712 Grove St., Oakland.
Lathing and Plastering—James F. Smith, 271 Minna St., San Francisco.
Mail Chutes—Price-Teltz Co., 683 Howard St., San Francisco.
Mill Work—Pacific Manufacturing Co., San Francisco and Oakland.
Ornamental Iron and Steel Sash—Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
Plumbing—Freary & Moll, 1075 40th St., Oakland.
Reinforcing Steel—Gunn-Carle & Co., 444 Market St., San Francisco.
Roofing and Waterproofing—Western Roofing Co., Inc., 1737 Telegraph Ave., Oakland.
Sheet Metal Work—Morrison & Co., 74 Duboce Ave., San Francisco.
Elevator Front—Forderer Cornice Works, Potrero Ave. and 16th St., S. F.
Bronze Entrance Doors and Grills—Zouri Co. of Calif., 1208 Howard St., San Francisco.
Metal Toilet Partitions—Dwan & Co., 532 Sixth St., San Francisco.

Plans Being Figured.
BUILDING Cost, \$60,000
CHICO, Butte Co., Cal. Second and Wall Streets.
 Two-story brick store bldg., 60x99, (three stores).
Owner—Edward M. Stehn, 1221 23rd Ave., San Francisco.
Architect—Russel Guerne De Lappe, 1710 Franklin St., Oakland.
Lessee—Montgomery Ward Co., Oakland.

MARTINEZ, Contra Costa Co., Cal.—Martinez Const. Co., (O. K. Smith and R. B. Swift), Martinez, has started grading in connection with one-story frame and stucco, 75 by 80-ft., store building in Pacheco Blvd., near Willow St. Will contain 5 stores.

Contract Awarded
ADDITION Cont. Price \$4500
RICHMOND, Contra Costa County, Cal. Eighth St. and Macdonald Ave.
 One-story brick addition to store.
Owner—C. M. Berry.
Lessee—Ben Malik.
Architect—de Sanno & Bedwell, 271 10th St., Richmond.
Contractor—Carl Overaa, 23rd and Wilcox Sts., Richmond.

'Gold Medal' Safety Scaffolding

for use on steel and concrete frame buildings saves lives, time and money.

It pays to use the best Scaffolding Equipment whenever a Scaffold is required. The risk is always great.

The Patent Scaffolding Company

270 13th Street, San Francisco Phone Henilock 4278
 Lessor of Suspended and Swinging Safety "Gold Medal" Scaffolding.

PORTLAND, Ore.—Lorenz Bros., Title and Trust Bldg., Portland, at \$160,000, awarded contract by Pacific Tel. and Tel. Co. to erect two-story basement, 150 by 200-ft., class A brick and steel phone exchange at E 17th and Belmont Sts. Doyle and associates, architects, Pacific Bldg., Portland. Poole and McGonigle, Portland, awarded steel contract.

LOS ANGELES, Cal.—Architects Allison & Allison, 1005 Hibernian Bldg., have completed preliminary plans and will start the preparation of working plans at once for a 12-story Class A office building to be erected at the northwest corner of old Fifth St. and Grand Ave. for the Southern California Edison Co., John B. Miller, president; the building will be occupied entirely by the Edison Co.; the first floor will be devoted to public space and the upper floors will contain the general offices of the company, the 12th floor will contain the president's offices and the directors' rooms; there will also be a 100-car garage in the sub-basement and basement; steel frame construction, 175x175 ft., reinforced concrete floors. Cost, \$2,000,000.

Plans Complete.
STORE BLDG. Cost, \$12,000
MARTINEZ, Contra Costa Co., Cal.
One-story frame and stucco store bldg., 5 stores).
Owner—Martinez Const. Co., (O. K. Smith and J. B. Smith) Moroca St., Martinez.
Plans by Owner.
Bids will be taken in one week.

Contract Awarded.
STORE BLDG. Cost, \$12,000
MARTINEZ, Contra Costa Co., Cal.
One-story frame and stucco store bldg., (5 stores).
Owner—Martinez Const. Co. (O. K. Smith and J. B. Smith), Moroca St., Martinez.
Plans by Owner.
Contractor—Guy Smith, Martinez.

Plans Being Prepared.
STORE BLDG. Cost, \$—
SALINAS, Monterey Co., Cal.
One-story brick store bldg., (3 stores).
Owner—Jack Bernstein.
Architect—A. W. Story, Pajaro Bank Bldg., Watsonville.
Plans will be ready for bids in one week.

PASADENA, Los Angeles Co., Cal.—Architect Garrett Van Pelt Jr., 51 S. Euclid Ave., Pasadena, is revising plans for a new labor temple building on E. Walnut St., near Raymond Ave., Pasadena, for Pasadena Board of Labor; the building will be three stories and basement with mezzanine floor; 60x125 feet, brick construction; cost \$125,000.

SAN MARINO, Los Angeles Co., Cal.—Architect Garrett Van Pelt, 51 S. Euclid Ave., has prepared preliminary sketches for a one-story brick store building to be erected on Huntington Dr., San Marino, for Lawrence Boothe, 111 W. 7th St., Los Angeles; 9 stores, 145x100x135 ft.

Bids Opened.—Under Advise ment.
OFFICE BLDG. Cost, \$200,000
OAKLAND, Alameda Co., Cal. NW Twenty-ninth and Summit Sts. (77x 102 feet).
Five-story Class B reinforced concrete medical building (40 offices).
Owner—Summit Medical Bldg., Inc.
Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco.
Announcement will be made within a day or so.

Concrete Contract Awarded.
MARKET BLDG. Cost, \$50,000
BURLINGAME, San Mateo Co., Cal.
One-story basement and mezzanine floor concrete market building (55x190 ft.)
Owner—Alameda Market Corp.
Architect—Jos. L. Stewart, 703 Market St., San Francisco.
Contractor—R. W. Littlefield, 337 17th St., Oakland.
Concrete—Mission Concrete Co., 125 Kissling St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$10,500
SAN FRANCISCO. W Mission St., S 18th
One-story reinforced concrete store bldg.
Owner—S. Bayless.
Architect—S. Heiman, 57 Post St.
Contractor—J. S. Malloch, 666 Mission St.

Bids Opened.
AUTO BLDG. Cost, \$150,000
OAKLAND, Alameda Co., Cal. Broadway and Twenty-ninth St. (67,000 sq. ft.)
One-story Class C and part Class D auto building (service plant and sales room, 50x112 feet).
Owner—Weaver-Wells Co., 3321 Broadway, Oakland.
Architect—Chas. W. McCall and A. D. Janssen, associated, 1404 Franklin St., Oakland.
Structural Engineer—Harry Bolin, 1404 Franklin St., Oakland.
Low Bidder—R. W. Littlefield, 337 17th St., Oakland, at \$131,652.
Other bidders were:
John E. Branagh, Oakland.....\$137,064
Vogt & Davidson, San Francisco.....137,426
Villadsen Bros., San Francisco.....139,990
Jas. McLaughlin, San Francisco.....141,481
V. H. Lawrence, Oakland.....141,491
Barrett & Hilp, San Francisco.....141,713
Chas. Heyer, San Francisco.....142,800
Dudley De Velbiss, Oakland.....152,400
F. C. Stolte, Oakland.....152,500
Bids taken under advisement.

THEATRES

GLENDALE, Los Angeles Co., Cal.—John R. Schaffer, 600 S. Brand Blvd., Glendale, is preparing plans for a theatre and shopping court building to be erected on Brand Blvd., between Maple and Windsor Sts., Glendale, for J. A. Menard, owner of Menard Players. The lot is 93x340 ft., and plans provide for a shopping court to serve as an entrance to the theatre building which will be two stories, 9x170 ft., with a large auditorium and offices and apartments; will be of reinforced concrete construction. Cost, \$150,000.

Contract Awarded.
ALTERATIONS Cost, \$30,000
OAKLAND, Alameda Co., Cal. Mills College Campus.
Alterations to College Hall for theatre.
Owner—Mills College.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.
Contractor—E. T. Leiter and Son, 3601 West St., Oakland.

CORONA, Cal.—P. Glass, % of he Corona Security Corp., Corona, will superintend the construction and will build by day work and sub-contract a two-story Class C brick theatre building at the northeast corner of 6th and Ramona Sts., Corona, for the Corona Security Corp.; Carl Boiler, architect, 340 Douglas Bldg., Los Angeles. The building will contain 6 stores, 4 shops and 11 offices, auditorium will seat 900 people, 150x150 feet; \$125,000.

SAN BERNARDINO, Cal.—Henry I. Beller Constr. Co., 6519 Hollywood Blvd., Los Angeles, has been awarded the contract at approximately \$250,000 and desires bids immediately on sub-contracts and materials for erecting a two-story and part three-story theatre, store and office building at the corner of I and Court Sts., San Bernardino, for Edward J. Boesche and to be leased by the West Coast Theatres, Inc., Los Angeles; plans prepared by Architect and Engineer Balch & Stanbery, Film Exchange Bldg., Washington St. and Vermont Ave., Los Angeles; auditorium to seat 1600 people, stores and offices, reinforced concrete construction.

VISALIA, Tulare Co., Cal.—H. H. Hunsucker, manager of the Theatre Visalia, operated by the West Coast Theatres, Inc., has confirmed the report that the company will erect a \$150,000 theatre in Visalia. The Visalia Chamber of Commerce recently presented a petition to the West Coast interests, seeking the erection of a modern theatre building.

VISALIA, Tulare Co., Cal.—Local business men have petitioned the West Coast Theatres, Inc., to erect a modern theatre building in Visalia. The petition was circulated by the Chamber of Commerce.

HANFORD, Kings Co., Calif.—West Coast Theatres, Inc., contemplates the erection of a new theatre building, if reconstruction of the Kings Hotel, in which the company's Golden State Theatre is now located, is found impractical. Representatives are in Hanford making arrangements.

WHARVES AND DOCKS

SAN PEDRO, Cal.—Until 9 A. M., July 3, bids will be received by Los Angeles harbor commissioners to fur. and del. 4, 800 lin. ft. of concrete piles for Berth 174, San Pedro. Plans and specifications are on file at the office of the harbor engineer, Berth 90, San Pedro, specifications No. 797.

RICHMOND, Contra Costa Co., Cal.—The California Const. Co., 225 Bush St., San Francisco, have assigned their contract to the Pan-Pacific Piling and Construction Co., 2779 Poplar St., Oakland, who will proceed with the work immediately in connection with the construction of a wharf 800 feet in length together with cargo building, 800 by 150 feet on the Richmond Harbor, from plans prepared by H. J. Brunner, engineer, Sharon Bldg., San Francisco. Construction will be of reinforced concrete throughout. Cost approximately \$534,000.

SAN PEDRO, Cal.—Los Angeles harbor engineer, George F. Nicholson, Berth 90, San Pedro, preparing plans for oil loading dock and wharf at Berth 181 in Wilmington to replace present dock; concrete piles and concrete deck and there will be a large reinforced concrete retaining wall surrounding the entire property. Cost, \$100,000. The Los Angeles harbor commissioners will order construction started as soon as plans are complete.

SAN FRANCISCO—Dwan & Co., 534 6th St., at \$3596 were awarded the contract by the State Harbor Commission, Ferry Bldg., to furnish and install steel rolling doors in building on connecting wharf between Piers 26 and 28. Frank G. White, Chief Engineer.

MISCELLANEOUS BUILDING CONSTRUCTION

SANTA ROSA, Sonoma Co., Cal.—Negotiations have been started by city council for municipal airport comprising 127 acres on Redwood Highway; will provide runways 3175 ft. in length and two hangars of standard size.

AUBURN, Placer Co., Cal.—U. S. Government has leased 70 acres of land in Rock Creek district, just off the Grass Valley highway and will establish an airport with 2200 ft. runway, running s. e. by n. w. and another 1900 ft. running directly east and west to be used in case of adverse winds on the other runway. Bids for grading the site will be asked shortly.

WESTLEY, Stanislaus Co., Cal.—Until July 14, 2 P. M., bids will be received by Edbridge Smith, Secty., West Stanislaus Irrigation District, to fur. under Contract No. 7, 14,000 barrels of Portland cement, f.o.b. Westley. W. F. Woolley, chief eng. for district, Patterson, Calif. See call for bids under official proposal section in this issue.

OAKDALE, Stanislaus Co., Cal.—City trustees contemplated establishment of municipal airport. Several sites are under consideration.

Marble and Bronze Bids Wanted.
MAUSOLEUM Cost, \$125,000
LODI, San Joaquin Co., Cal. Lodi Memorial Cemetery.
Reinforced concrete mausoleum, interior of marble and bronze.
Owner—North American Mausoleum Association.
Architect—Jens C. Petersen, California State Life Bldg., Sacramento.
Contractor—McGillivray Const. Co., Folsom Blvd., Sacramento.

Contract Awarded.
LABORATORY BLDG. Cost, \$100,000
EMERYVILLE, Alameda Co., Cal. Santa Fe and Horton Sts.
Three-story reinforced concrete laboratory building.
Owner—Shell Oil Co., 200 Bush St., San Francisco.
Architect—Eng. Dept. of Owner.
Contractor—Geo. Wagner, 181 South Park San Francisco.
Foundation has been started.

Plans Ready For Bids In One Week.
GROUP OF BLDGS. Cost Approx. \$35,000
WOODLAND, Yolo Co., Cal. Davis Wye Group of 4 or 5-story concrete buildings, (service station, garage, cafe and several dwelling houses will be erected, the latter to house six employees to be kept at the station).
Owner—Pickwick Stage Co. (E. J. Thompson), 75 Fifth St., San Francisco.
Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., San Francisco.

Working Drawings Being Prepared.
HANGARS Cost, \$—
ALAMEDA, Alameda Co., Cal. One hangar, 70x100 ft., and 8 smaller hangars, 32-ft. deep.
Owner—Alameda Airport, Inc., Capt. C. Thompson, President, 550 Howard St. San Francisco.
Architect—K. Bier, 550 Howard St., San Francisco.
Engineer—E. G. Burr, 550 Howard St., San Francisco.
Structural steel bids will be taken this week. The plans for the administration building will be in progress at a later date.

LOS BANOS, Merced Co., Cal.—City will call election to vote bonds to finance purchase of site and establishment of municipal airport.

SACRAMENTO, Sacramento Co., Cal.—The following bids were received by A. R. Huron, director of finance, division of architecture, Sacramento, for lighting system of the capitol dome:
Scott Plumbing & Electric Co., 1900 M St., Sacramento.....\$6,567
Luppen & Hawley, Sacramento..... 6,787
Camp & French, Sacramento..... 7,054
Latourrette-Fical Co., Oakland..... 5,939

Sub-Contracts Awarded.
MAUSOLEUM Cost, \$100,000
SAN PABLO, Alameda Co., Cal. Reinforced concrete mausoleum, interior of marble and bronze.
Owner—Roman Catholic Archbishop.
Architect—H. A. Minton, Bank of Italy Bldg., Eddy and Powell Streets, San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Lumber—Sunset Lumber Co., Ft. of Oak St., Oakland.
Sheet Metal Work—Morrison & Co., 74 Duboce Ave., San Francisco.
Glass—Crows Glass Co., 675 Golden Gate Ave., San Francisco.
Plastering—Francis O'Reilly, Hearst Bldg., San Francisco.
Plumbing—J. A. Freitas, 2815 E 10th St., Oakland.
As previously reported, marble awarded to Jos. Musto Sons-Keenan Co., 525 North Point St., San Francisco.

YOLO COUNTY, Cal.—Until July 9, 2 P. M. bids will be received by R. E. Pierce, Acting District Engineer, District 0, Sacramento, to remove present guard rails and wheel guards and construct and paint new guard rails and wheel guards at west approach to Yolo Causeway, 0.5-mile in length. See call for bids under official proposal section in this issue.

WESTLEY, Stanislaus Co., Cal.—Specifications are on file in office of LARSEN ADVANCE CONSTRUCTION REPORTS for the construction of 63 miles of lateral canals and furnishing and delivering 14,000 barrels of Portland cement for the West Stanislaus Irrigation District, bids for which will be opened July 14. Same may be inspected by those interested.

BERKELEY, Alameda Co., Cal.—Until July 13, 11 A. M. bids will be received by Regents of the University of California, for general construction of the Development portion of the West Campus, University of California. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—Until July 9, 11 A. M. bids will be received by Regents, University of California, Berkeley, to erect poultry buildings, yards and fences in Strawberry Canyon. Plans obtainable from Room 304 California Hall, University Campus, Berkeley, on deposit of \$25, returnable. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Moore Drydock Co., ft. of Adeline St., Oakland, at \$115,000 awarded contract by Western Pacific R. R. Co., Mills Bldg., San Francisco, to construct all-steel car float; will be 25x11 ft. over all by 38 ft. beam by 12-ft. 6-in. depth; capacity of 8-ton cars.

SAN FRANCISCO.—Bids will be asked shortly by Board of Education to furnish, del. and erect street signs in various sections of the city—estimated cost, \$4,000.

FRESNO, Fresno Co., Cal.—Shorb & Neads, 420 Fortcamp St., Fresno, have contract for first unit of proposed \$500,000 construction program to be undertaken by the Belmont Memorial Park Company. The work will comprise the first unit of a reinforced concrete building with oak interior finish and tile and marble floors. A mausoleum will also be erected including the installation of a pipe organ and the placing of Italian statuary.

Plans Being Figured By Selected List Of Contractors.
ALTERATIONS Cost, \$25,000
SAN FRANCISCO. Valencia St. near Eighteenth St.
Alter undertaking parlors.
Owner—Barry, McDonnell & Moffatt Estate.
Architect—Clausen & Amandes, Hearst Bldg., San Francisco.

BUSINESS OPPORTUNITIES

Pumice Stone
Mr. W. L. Guthrie, assistant manager, International Banking Department, Bank of Italy, 477 California St., San Francisco, represents party seeking connections with San Francisco importers of pumice stone.

Building Materials
Marcel Watillon, Route de Philippeville, 467, Couillet, Belgium, an established business man, having a practical knowledge of all the Continental sources of supply, desires to get in touch with San Francisco importers of commodities such as iron, steel, building materials, window glass, plate glass, etc.

Furniture
Mr. A. J. Borstel, Sales manager, F. Dietvorst & Co., Jodenstraat, 14, Antwerp, Belgium, manufacturers of high class furniture, such as: tea tables, radio cabinets, etc., seek connections with San Francisco importers of such products.

Tacks and Machinery
Mr. Thos. W. Cousen, Compania Ferreteria de Navojoa, Apartado Num. 51, Navojoa, Son., Mexico, is interested in purchasing a considerable quantity of

flatheaded, 3/4-inch tacks. He also desires to secure a small handpower machine for the purpose of cutting or punching small washers from scrap pieces of thin leather.

Paints and Oil
Elias Sanchez Rodriguez, Apartado 556, Lima, Peru, importer and manufacturers' representative, wishes to get in direct touch with a manufacturer of white zinc paints; also, oil and genuine cooked linseed oil. The paint to be packed in boxes of 4 cans of 25 lbs. each, and the oil in iron pails of from 19 to 20 kilos gross.

SEEKS CONNECTIONS
Anderson Brass Works, Inc., (Mr. R. E. Sekuler), 700 North 44th St., Birmingham, Ala., manufacturers of a line of high grade cast aluminum cooking ware is seeking connections with parties who have the ability as well as financial responsibility to represent them in San Francisco on an exclusive contract basis.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
June 21, 1928—LOTS 76 AND 77 BLK 4, Recreation Park Terrace, Fresno.	Jack W Bandy to whom it may concern.....June 19, 1928
June 21, 1928—LOTS 31 AND 32 BLK 6, Arlington Heights, Fresno. A S Bonds to whom it may concern.....June 21, 1928	
June 21, 1928—LOTS 32 AND 33 BLK 2 Belmont Addition, Fresno. Mamie Overton to whom it may concern.....June 19, 1928	
June 22, 1928—LOTS 1 to 4 NW 1/4 LOT 5 BLK 126, Fresno. R. P. Fisher to H. W. McNulty.....June 18, 1928	
June 25, 1928—LOT 14 E 21.79 LOT 13 Blk 2, St. Francis Wood, Fresno. Grey Newark to whom it may concern.....June 23, 1928	
June 20, 1928—LOT 2, Roeding Col. Ida Sommers to whom it may concern.....June 19, 1928	
June 19, 1928—LOTS 7 AND 8, Lonesomehurst. Dennie B Wheeler to who it may concern.....June 18, 1928	

LIENS FILED

FRESNO COUNTY

Recorded	Amount
June 21, 1928—LOTS 17 AND 18 BLK 314, Fresno. Phillips & Filles Planing Mill vs Domenico Astone.....\$520	
June 21, 1928—NE 1/4 OF SW 1/4 SEC. 6, 16-20, Fresno. A Clevenger vs Isidor Sargent.....\$306	
June 21, 1928—LOTS 17 AND 18 BLK 314, Fresno. Valley Lumber Co vs Domenico Astone.....\$815	
June 22, 1928—LOTS 17, 18 BLK 314, Fresno. Fresno Marble & Tile Co. vs Domenico Astone and wife.....\$42	

SEWERS & STREET WORK

CHURCHILL COUNTY, Nevada.—Until July 11, 2 P. M., bids will be rec. by S. C. Durkee, state highway eng., Carson City, to const. 7.57-mi. of highway from Leeterville to Fallon, Sec. B, Route 2, involv. 1,420 cu. yds. excav. unclassified; 10,690 yd. sta. overhaul; 7.57-mi. widen present gravel surface; 9,400 cu. yds. crushed rock or crushed gravel in place; 17 cu. yds. class A conc.; 26 pipe culvert extensions; fur. watering equipment; 870 m. gal. apply water; 2,480 lin. ft. stand. timber guard rail. Plans obtainable from engineer and on file in office of U. S. Bureau of Public Roads, 461 Market St., San Francisco.

PASADENA, Los Angeles Co., Cal.—Martin Simunovich, 3305 W 66th St., Los Angeles, sub. low bid to city council June 19, at \$220,600 (item 1, alt. 1-A, using cem. conc. pipe with cem. joints), to const. a sewer system in Lamanda Park, Arena Ave., Foothill Blvd., Hermanos St. and other streets, involv. 109,953 ft. 8-in., 4,540 ft. 10-in., 2,505 ft. 12-in., 361 ft. 15-in., 4,454 ft. 18-in., 8,569 ft. 22-in., and 1,921 ft. 24-in. pipe; 102 6-in. cast iron chimneys; 6 6-in. cast iron chimneys; 5,286 ft. C conc. cradle for 22-in. pipe; 63,347 ft. house connections; 462 manholes; 90 flush tanks.



SISALKRAFT

"More than a building paper"

Send for Samples and Prices

DISTRIBUTORS

Strable Hardwood Co.
Oakland

San Joaquin Lumber Co.
Stockton

Borchers Bros.
San Jose

Sisalkraft Western Corporation
1640 - 18th St. 1008 West 6th St.
Oakland Los Angeles

VISALIA, Tulare Co., Cal.—Until July 2, 7:30 P. M., bids will be rec. by C. T. Pool, clerk, Visalia Union High School District, to fur. and del. one fully equipped 2-ton Graham Bros. truck chassis

and body to seat 25 high school students. Spec. obtainable from clerk.

ELK GROVE, Sacramento Co., Cal.—Until July 5, 8 P. M., bids will be rec. by L. B. Johnston, Clerk, Franklin Union Grammar School District, to fur. and del. one 40 passenger school bus body, Graham type of equal; to be mounted on Graham 2-ton chassis, furnished by district. Cert. check 10% req. with bid. Further information obtainable from clerk.

LODI, San Joaquin Co., Cal.—H. B. Carter Co., Lodi, at \$345 awarded cont. by city to fur. motor lawn mower. Other bids: Chas. Burkett Implement Co., \$327.50 (Ideal mower); Lodi Hardware Co., \$325 and \$230.

GRIMES, Colusa Co., Cal.—Until July 9, 8 P. M., bids will be rec. by Ben Hine, clerk, Grand Island Union Elementary School District, to fur. and del. 34 to 36-passenger school bus. Further information obtainable from clerk.

CHICO, Butte Co., Cal.—F. T. Fleck, Chico, at \$1850 awarded cont. by Board of Education to fur. school bus body. White Motor Co. (A. L. Scott, Oroville, representative) awarded cont. to fur. chassis at \$5570.

MARYSVILLE, Yuba Co., Cal.—New England Union School District will vote direct tax for \$3,000 on June 27 to finance purchase of school bus. Trustees of district are: Anna J. McGowan, Ruth R. Beeson, Jane W. Hunt, Jesse R. Beeson and Paul Erickson.

FIRE EQUIPMENT

WINTERS, Yolo Co., Cal.—American Rubber Co., Oakland, at \$1.15-ft. awarded cont. by city to fur. 500 feet double jacketed fire hose.

MARYSVILLE, Yuba Co., Cal.—American La France Co. at \$12,475 awarded contract by city to fur. and del. motor fire engine.

SUISUN, Solano Co., Cal.—City will call election shortly to vote bonds to finance purchase of fire fighting equipment.

PIPE LINES, WELLS, ETC.

MARTINEZ, Contra Costa Co., Cal.—Coast Counties Gas & Electric Co., making surveys for proposed extension of gas mains from Pacheco to service Walnut Creek; approx 7 mi. in length; est. cost \$50,000.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal.—Franchise granted by Alameda County supervisors to the Breed Realty Co., and others, for a toll tunnel through the Contra Costa hills from Shepherd's Canyon in Alameda county to Redwood Canyon in Contra Costa county, has been officially approved. The bore will be 2,410-ft. in length and will cost \$1,500,000.

WATER WORKS

SACRAMENTO, Cal.—City Eng. Samuel J. Hart recommends to city council a \$688,000 bond issue to finance repairs and purchase of special equipment for municipal filtration plant.

REDWOOD CITY, San Mateo Co., Cal.—Western Well Works, Inc., at \$1406 awarded cont. by city to fur. and install dual pump in connection with water system.

STOCKTON, San Joaquin Co., Cal.—Stockton Iron Works, Stockton, at \$1.-616.40 awarded cont. by city to fur. and del. 18 fire hydrants.

MONROVIA, Los Angeles Co., Cal.—Until 7:30 P. M., July 9, bids will be rec. by city to excavate and backfill 56,000 lin. ft. of trench for 20-in. to 4-in. cast iron and steel water main. Cert. check or bond, 10%. F. A. Dupar, city clerk.

COLUSA, Colusa Co., Cal.—City plans additional water tank for many water works; est. cost \$7500 to \$10,000 of capacity from 100,000 to 150,000 gals.

SUISUN, Solano Co., Cal.—City council has accepted report of Kerns and Egbert, civil engineers, Postal Telegraph Bldg., San Francisco, recommending 12,700-ft. of 9-in. pipe, 12-gauge steel, to be run from Suisun pumping plant to distributing reservoir. Est. cost \$19,305. A bond election will be called to finance the work.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4217) to imp. Stockton Ave., bet. Emory and The Alameda, involv. grade; 1½-in. asph. conc. surface, 3-in. asph. conc. base pave. and resurface portions of present pave. with 1½-in. asph. conc. surface; cem. conc. curbs, gutters, walks; conc. drive-ways; 4-in. vit. lateral sewers; 6-in. vit. pipe san. sewers; br. manholes. 1911 Act, Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans obtainable from Wm. Popp, city engineer.

SAN FRANCISCO—W. J. Taylor, 2295 California St., San Francisco, at \$3488.90 sub. low bid to Constructing Quartermaster, Fort Mason, for road repairs at Fort Mason. Other bids, all taken under advisement were: A. G. Raisch, \$3,949; Heafey-Moore Co., \$3650; Christensen & Carson, \$6000.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. for conc. pave. in Hudson St. bet. Roosevelt and Oak Aves., and Adams St. bet. Lincoln and Madison Sts.

WOODLAND, Yolo Co., Cal.—Until July 9, 10 A. M. bids will be rec. by H. R. Saunders, county clerk, to grade and pave county highway, Prefix 2, Section C. Cert. check 10% payable to county req. with bid. Plans on file in office of clerk.

LIVINGSTON, Merced Co., Cal.—Until July 2, bids will be rec. by E. J. Hicks, city clerk, (40-C) to const. 8, 10, 12 and 15-in. vit. clay san. sewers; wye branches; conc. manholes with c. i. covers; conc. flushtanks; vit. lampholes with c. i. covers in various streets. Est. cost \$25,000. Plans on file in office of clerk.

SHASTA COUNTY, Cal.—Mathews Construction Co., Forum Bldg., Sacramento, at \$266,107 (eng. est. \$359,909) awarded contract by State Highway Comm. to grade and surface with crushed gravel or stone, 5.8-mi. bet. Shotgun Creek and Conant.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be rec. by John J. Lynch, city clerk, (4212) to imp. San Antonio St. bet. 24th and 28th Sts., involv. grade; 1½-in. asph. conc. surface; 3-in. asph. conc. base pave.; hyd. cem. conc. curb, gutter; cem. conc. walks; 4-in. vit. lateral sewers. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans obtainable from Wm. Popp, city engineer.

GRIDLEY, Butte Co., Cal.—Proceedings have been started by city for formation of a sewer district to include area north of Spruce St. and west of Southern Pacific railroad.

TRACY, San Joaquin Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at \$2,655 awarded cont. by city to const. 8-in. vit. sewer; conc. and br. manholes; flushtank; wye branches; 6-in. c. i. water mains; fire hydrants; gate valves. H. E. Conner, Redwood City, bid \$2,569.

HUMBOLDT COUNTY, Cal.—Until July 5, 10 A. M. bids will be rec. by I. G. Thomas, Assistant District Eng., State Highway Comm., 212 Bank of Italy Bldg., Eureka, to grade and surface approx. 0.2 mi. near Town of Scotia. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—City declares inten. (4265) to imp. Empire St. bet. Spring and Anita Sts., involv. grade; 1½-in. asph. conc. surface; 3-in. asph. conc. base pavement; conc. walks; cem. conc. curb, gutter; 4-in. vit. pipe sewer laterals. 1911 Act. Bond Act 1915. Protests July 23. John J. Lynch, city clerk. Wm. Popp, city engineer.

SAN JOAQUIN COUNTY, Calif.—Until July 18, 2 P. M., bids will be rec. by State Highway Comm., to widen roadbed bet. Cherokee Station and Live Oak, for a distance of 5.1 mi. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Following bids, taken under advisement by Constructing Quartermaster, Fort Mason, for road repairs at Fort Funston:

Wm. S. McHugh (1) \$630; (2) \$2.25; (a) deduct \$2.25; (3) add \$2.25; (a) \$2.50.
A. G. Raisch (1) \$996; (2) \$2.00; (a) \$2.00; (3) add \$1.00; (a) deduct \$1.
Christenson-Carson Co. (1) \$1250; (2) \$4.50; (a) deduct \$1.03; (3) add \$2.70; (a) deduct \$0.01.

HUMBOLDT COUNTY, Cal.—Until July 18, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with standard road surfacing crushed gravel or stone, 2.1 miles, bet. Fortuna and Fernbridge. See call for bids under official proposal section in this issue.

VALLEJO, Solano Co., Cal.—Louis Tagnon, Vallejo, at \$3363.65 awarded cont. by city to imp. National alley bet. Sonoma and Sutter Sts., and bet. Sutter and Napa Sts., involv. grade; 5-in. cem. conc. pave.

VALLEJO, Solano Co., Cal.—Louis Tagnon, Vallejo, at \$1722 awarded cont. by city to imp. Kissel alley bet. Sutter and Napa Sts., involv. grade; 5-in. cem. conc. pave.

VALLEJO, Solano Co., Cal.—City declares inten. (150) to imp. National Alley, bet. Branciforte and Santa Clara Sts., involv. grade; r. w. curbs; 5-in. conc. pave. 1911 Act. Bond Act 1915. Protests July 7. Alf. E. Edgumbe, city clerk. T. D. Kilkenny, city engineer.

TRACY, San Joaquin Co., Cal.—H. E. Conner, Redwood City, at \$3,925 awarded cont. by city to imp. portions of Highland and Berverdor Aves., involv. 8-in. vit. sewer; manholes, flushtanks; 4-in. vit. house connections. W. J. Tobin, Oakland, only other bidder at \$4,004.

HAYWARD, Alameda Co., Cal.—City Eng. Jesse B. Holly estimates cost of widening Castro St. at \$40,000.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation

Telephone SUTTER 3266

PLACER-NEVADA COUNTIES, Cal.—Until July 18, 2 P. M., bids will be rec. by State Highway Comm. to grade 10.6 mi. in Placer and Nevada Counties, bet. Indian Springs and Soda Springs. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Heafey-Moore Co., 344 High St., Oakland, at \$3995 sub. bid to Constructing Quartermaster, Fort Mason, to const. roads, curbs, sidewalks, etc., at Benicia Arsenal. W. J. Taylor, \$6220; Wm. McHugh, \$8244.

EUREKA, Humboldt Co., Cal.—Until July 10, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to const. Sec. 1 of Lone Star-Low Gap road in Road Dist. No. 3. Cert. check 5% req. with bid. Plans on file in office of clerk.

OAKLAND, Cal.—City declares inten. to imp. East 22nd St. bet. Austin St. and 27th Ave., and certain rights of way adjacent to East 22nd St., involv. grade; pave; curbs; gutters; walks; sewers; wye branches; manhole, etc. 1911 Act. Protests July 12. Frank C. Merritt, city clerk. Geo. N. Randle, city eng.

OAKLAND, Cal.—Until July 5, 12 noon, bids will be rec. by Frank C. Merritt, city clerk, to imp. portions of 19th and Jackson Sts., involv. grade; curbs; gutters; pave; conduit. 1911 Act. Cert. check 10% payable to city req. with bid. Geo. N. Randle, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lloyd Bowman completes spec. for proposed underpass at Aptos subject to approval of Southern Pacific R. R. Est. cost \$14,500, county to pay half the cost and the railroad the remaining half.

WOODLAND, Yolo Co., Cal.—Until July 9, 10 A. M. bids will be rec. by H. R. Saunders, county clerk, to grade and pave 3.85-mi. of Prefix 2, Sec. C, of Yolo county highway system. Cert. check 10 per cent payable to county req. with bid. Plans on file in office of clerk.

MARIPOSA COUNTY, Cal.—Until July 12, 10 A. M., bids will be rec. by U. S. Bureau of Public Roads, 461 Market St., to const. bridge at Sta. 4 plus 86 and a culvert at Sta. 3 plus 24 on Route 1, Sec. B, Yosemite Nat'l. Park Highway System involv. 855 cu. yds. excavation for structures; 365 cu. yds. class A conc. in bridge abutments; 573 cu. yds. class A conc. in rings, walls and subways; 83 cu. yds. A conc. in culvert; 50,000 lbs. reinf. steel; 53 cu. yds. cem. rubble masonry; 100 cu. yds. hand laid riprap; 350 lin. ft. rock curbs; 117 sq. yds. rack facing in arch rings; 311 sq. yds. rock facing in walls; 350 sq. yds. membrane waterproofing. Plans obtainable from above office.

SANTA ROSA, Sonoma Co., Cal.—City Imp. Co., 955 South Alameda St., Los Angeles, at \$15,800 awarded cont. by city to install 75 ornamental electrolier standards with underground system (Union Metal Mfg. Co., design), in portions of Mendocino Ave., etc.

WHITE PINE COUNTY, Cal.—Until July 11, 3 P. M., bids will be rec. by S. C. Durkee, state highway eng., Carson City, Nevada, to fur. asph. fuel oil and apply same to a crushed gravel surface on a portion of state highway from Keystone to McGill, 16.85-mi. in length. Plans on file in office of U. S. Bureau of Public Roads, 461 Market St., San Francisco, and obtainable from engineer. Cert. check 5% req. with bid.

NAPA, Napa Co., Cal.—Until July 10, 10 A. M. bids will be rec. by county to imp. Hagan road from Water Works to 4th Ave. Plans on file in office of clerk.

GUSTINE, Merced Co., Cal.—Until 8 P. M., July 2, bids will be rec. by city to const. extension to the city sewer system in accordance with plans prepared by City Engineer A. E. Cowell of Gustine.

EUREKA, Humboldt Co., Cal.—Until July 10, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to const. culvert and fill on Three Cabins road in Road Dist. No. 3. Cert. check 5% req. with bid. Plans on file in office of clerk.

SACRAMENTO, Cal.—Until July 5, 5 P. M. (to be opened 8 P. M.) bids will be rec. by H. G. Denton, city clerk, (2248) to imp. 35th St. from 9th Ave. to pt. 2+0.35 ft. south, involv. conc. curb; gutter; c. i. drains; vit. sewers; const. manhole; 1-in. water main connections; grade; asph. conc. pave. with seal coat. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. Samuel J. Hart, city eng.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—County declares inten. to imp. Mt. Pleasant Drive from main county road leading from San Luis Obispo to town of Morro, Rougeot Place, and other sts. in Mt. Pleasant Square No. 2. Involve 1½-in. Warrenite-bitulithic surf. on 2½-in. asph. conc. base, walks, curbs, gutters, comb. curb and gutter, vit. sewers, manholes, corr. iron culverts, c. i. water mains, fittings, etc. Marbelite ornam. lights, etc.; A. & I. No. 4. Protests July 3. J. G. Driscoll, county clerk.

SANTA BARBARA, Cal.—Until 2 P. M. June 28, bids will be rec. by city for trench excavation and installation of water main and appurtenances in Laguna St. from Montecito St. to Haley St., etc., under Job No. 421. Plans obtainable from superintendent of water department, V. E. Trace, on deposit of \$5. Cert. check or bond, 10%.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—County declares inten. to construct vitrified pipe sanitary sewer system with T-branches, vitrified laterals, brick and concrete manholes, c. i. frames and covers, concrete septic tank with outlet, valves, vitrified and steel piping. J. G. Driscoll, county clerk.

HUMBOLDT COUNTY, Cal.—Until July 5, 10 A. M., bids will be rec. by I. G. Thomas, Assistant District Eng., Dist. 1, 212 Bank of Italy Bldg., Eureka, to grade and surface 2 mi. of highway at south approach to North Scotia bridge, near town of Scotia. Plans obtainable from above.

WOODLAND, Yolo Co., Cal.—City Eng. Asa G. Proctor making surveys for 24-in. main to replace 12-in. sewer main leading from Beamer Park to disposal plant 4 miles east of Woodland. Other units are to be undertaken when the above work is completed.

LOS ANGELES, Cal.—Until July 10, 1:30 P. M. bids will be rec. by County Sanitation District, No. 1, Law Bldg., to const. South Park Ave. Trunk sewer, involv. 1,293 ft. 27-in. vit. or cem. conc. reinf. conc. pipe sewer; 5,423 ft. 18-in., 2,660 ft. 15-in., 1,306 ft. 12-in., and 1,362 ft. 10-in. vit. or machine made conc. pipe with stand. conc. bed; 9 stanl manholes; 32 junction chambers. Plans obtainable from A. K. Warren, chief eng. for dist., Law Bldg., Los Angeles.

OAKLAND, Cal.—City Commissioner of Public Works seeks funds in budget to finance const. of Grand Ave. storm sewer. Est. cost \$126,666, and Elmhurst storm sewer, \$150,000. Geo. N. Randle, city eng.

SOLANO COUNTY, Cal.—Larsen Bros., Sonoma, at \$62,704 (eng. est. \$78,113) awarded cont. by State Highway Comm. to grade and surface with oil treated crushed stone or gravel, 3.1-mi. bet. Cordelia and Rockville.

ROSEVILLE, Placer Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at \$8,980 awarded contract by city (2-H) to imp. Lincoln St. from north extension of SE line of Church St., SE to NW line of Vernon St., involv. conc. gutter; conc. catchbasins; corr. iron segmental culverts with conc. headwall; remove oil wearing surface and existing conc. base to be surfaced with asph. conc. Other bids: W. H. Larsen, San Francisco, \$9,425; A. Teichert and Son, Sacramento, \$9,652; Clark and Henery Const. Co., San Francisco, \$9,760.

LASSEN-MODOC COUNTIES, Cal.—Until July 18, 2 P. M., bids will be rec. by State Highway Comm. to grade and surface with screened gravel, 12.5 mi. in Lassen and Modoc Counties, bet. Bieber and Adin. See call for bids under official proposal section in this issue.

SONORA, Tuolumne Co., Cal.—Pacific Gas and Electric Co. is conferring with city trustees regarding installation of bracket street lighting system in Washington St.

MARYSVILLE, Yuba Co., Cal.—Until July 9, 8 P. M., bids will be rec. by Chester O. Gates, city clerk, (33) to imp. portions of 11th, 13th, 9th, 2nd, Pine, High Sts., etc., involv. grade; 2½-in. asph. conc. base, 1½-in. Warrenite-Blt. sur.; conc. curb, gutter, catchbasins; 6-in. vit. sewers; conc. headwalls. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk.

SAN FRANCISCO—Municipal Const. Co., Call Bldg., at \$9,724.80 awarded cont. by city to imp. Josiah Ave. and Ridge Lane bet. Lakeview Ave. and south termination of Howth St., involv. grade; conc. curb; art. stone walks; asph. conc. pave.

SANTA ROSA, Sonoma Co., Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. King St., bet. Howard St. and Spencer Ave., involv. grade; reconst. existing waterbound macadam pave. to form 4-in. base and surface with 3-in. asph. conc. laid in one-course

SANTA ROSA, Sonoma Co., Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. Beaver St., bet. Howard St. and Spencer Ave., involv. grade; reconst. waterbound macadam base to form 4-in. pave. laid in one course

SANTA ROSA, Sonoma Co., Cal.—Clark & Henery Constr. Co., Chancery Bldg., San Francisco, awarded cont. by city to imp. Glenn St., bet. Benton St. and Berry Lane, involv. grade; reconst. water bound macadam surface for 4-in. base and surface with 3-in. one-course, asph. conc.; cem conc. curb, gutter.

OAKLAND, Cal.—Di Zillo & Basso, Oakland, awarded cont. by city to sewer portion of Edith St., involv. 8-in. pipe, \$2.50 lin. ft.; manhole, \$65; drop connection, \$12; wye branches, \$1

SALINAS, Monterey Co., Cal.—Until July 3, 10 A. M., bids will be rec. by T. P. Joy, county clerk, to imp. Gonzales-River Rd., in Sup. Dist. 3. Plans obtainable from County Surveyor Howard Cozzens.

SANTA MARIA, Santa Barbara Co., Cal.—Santa Maria Constr. Co., Santa Maria, at \$11,109.52 awarded cont. by city to imp. Elizabeth Ave., bet. Main and Fessler Sts. and portions of other streets, involv. grading, curbs, walks, 4-in. C. I. water mains, hydrants, valves, etc.

SAN RAFAEL, Marin Co., Cal.—City Eng. H. K. Brainerd preparing spec. for 6-in. asph. conc. pave and 6-in. hyd. conc. pavement in Fifth St. The type of pavement will be determined when plans are submitted to the city council for approval.

STOCKTON, San Joaquin Co., Cal.—Until July 9, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, for (1) reconstruction of Waterloo road from diverting canal to Fair-Child Lane; (2) Linden road from diverting canal to point ½-mile east of Glenwood school. Cert. check 10% payable to Chairman of Board of Suprs. req. with bid. Spec. obtainable from F. E. Smith, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—Geo. C. DeGolyer, Federal Telegraph Bldg., Oakland, at \$1289.50 awarded cont. by city to imp. Woodrow Ave., bet. Pelton Ave. and Cliff Drive and Cliff Dr., bet. Woodrow Ave. and Columbia St., involv. vit. clay pipe main san. sewer with wyes and brick manholes.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (419-C) to imp. Cedar St., bet. Lincoln and Elm Sts., involv. 5-in. conc. pave.; conc. curbs, walks, driveway approaches; vit. clay pipe main san. sewer; wyes; br. manholes; corr. iron and conc. culverts; conc. meter boxes, etc. 1911 Act. Bond Act 1915. Protests July 9. S. A. Evans, city clerk. Roy Fowler, city engineer

(Continued on page 23)

Official Proposals

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

Sealed proposals will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Room 212, Bank of Italy Bldg., Eureka, California, until 10:00 A. M., on July 5, 1928, at which time they will be publicly opened and read, for performing work as follows:

Constructing a portion of the State Highway approximately .2-mile in length, in Humboldt County, at the southerly approach to the North Scotia Bridge, near the Town of Scotia, road I-Hum-1-B, to be graded and surfaced.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
 State Highway Engineer.
 By I. G. THOMAS,
 Asst. District Engineer, Dist. 1.
 Dated: June 21, 1928.

June 22, 1928
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Highway Engineer, Highway Building, Sacramento, California, until 2 o'clock P. M. on July 18, 1928, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Humboldt County, between Fortuna and Fernbridge (I-Hum-1-G), about two and one-tenth (2.1) miles in length; to be graded and surfaced with standard road surfacing composed gravel or stone.

Lassen and Modoc Counties, between Bieber and Adin (II-Las-Mod-28-B-A), about twelve and five-tenths (12.5) miles in length, to be graded and surfaced with screened gravel.

Placer and Nevada Counties, between Indian Springs and Soda Springs (III-Pla-Nev-37-A,F,B), about ten and six-tenths (10.6) miles in length, to be graded.

San Joaquin County, between Cherokee Station and Live Oak (X-SJ-4-C), about five and one-tenth (5.1) miles in length, the roadbed to be widened.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, and at the office of the District Engineer of the district in which the work is situated. The District Engineers' offices are located at Eureka, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the District Office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors

are urged to investigate the location, character and quantity of work to be done, with a representative of the Division of Highways. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the District Office.

No bid will be received unless it is made on a blank form furnished by the State Highway Engineer. The special attention of prospective bidders is called to the "Proposal Requirements and Conditions" annexed to the blank form of proposal, for full direction as to bidding, etc.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
 State Highway Engineer.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Fifth Floor, Capitol Office Building, 10th and L Streets, Sacramento, California, until 2 o'clock P. M., July 9th, 1928, at which time they will be publicly opened and read, for performing work as follows:

In Yolo County, at the west approach to the Causeway (X-Yol-6-A&B), about five-tenths (0.5) mile in length. Remove present guard rails and wheel guards and construct and paint new guard rails and wheel guards.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the above address.

No bid will be received unless it is made on a proposal form furnished by the District Engineer. Each bid must be accompanied by cash, or a certified check made payable to the Director of Public Works, for an amount equal to ten (10) per cent of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The Department of Public Works reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS,
C. H. PURCELL,
 State Highway Engineer.
 By R. E. PIERCE,
 Acting District Engineer, Dist. X
 Dated: June 23, 1928.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 855 North Vermont Avenue, University of California, Los Angeles, California, at or before 11:00 A. M. Thursday, July 26, 1928, for the general construction of Book Stacks in the Library Building located on the Westwood Site of the University of California at Los Angeles.

Drawings and Specifications may be obtained from 855 North Vermont Avenue, Los Angeles, California, upon a deposit of \$100.00 for each set of Drawings and Specifications. Deposit will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bids will be considered unless accompanied by a certified check or bid bond of an acceptable Surety Company in favor of the undersigned, equal to ten per cent of the bid to secure the execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, California, on or before 11:00 A. M., Friday, July 13, 1928, for the general construction of The Development of a Portion of the West Campus, University of California, Berkeley, California.

Drawings and Specifications may be obtained from Room 304 California Hall, upon a deposit of \$100.00 for each set of Drawings and Specifications. Deposit will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bids will be considered unless accompanied by a certified check or bid bond of an acceptable Surety Company in favor of the undersigned, equal to ten (10) per cent of the bid to secure the execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, ALAMEDA COUNTY, CALIFORNIA.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County at his office until Monday, July 23, 1928, at 10:30 o'clock A. M., (the day when said bids will be opened and the contract awarded) for the erection and completion of lighting fixtures in the Veterans' Memorial Building at Berkeley, Alameda County, California.

Complete plans and specifications for said work are on file in the office of the County Clerk, in the Hall of Records Building, Oakland, California, where copies may be obtained by depositing with the County Clerk the sum of Twenty-five (\$25.00) Dollars. Contractors will be restricted as to the length of time they may retain these plans and specifications to fifteen (15) days.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit. The entire amount of the deposit will be returned to contractor returning plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board of Supervisors reserves the right to reject any and all bids.

GEO. E. GROSS,
 County Clerk and Ex-Officio Clerk of the Board of Supervisors.
 Dated: June 25, 1928.

ADVERTISEMENT FOR BIDS

Sealed bids will be received at the Office of the Comptroller, 220 California Hall, University of California, Berkeley, California, at or before 11:00 A. M., Wednesday, July 11, 1928, for the construction of Poultry Buildings, Yards and Fences for the University of California in Strawberry Canyon, Oakland, California.

Drawings and Specifications may be obtained from Room 304 California Hall, upon a deposit of \$25.00 for each set of Drawings and Specifications. Deposit will be refunded only on submission of a regular bid and on return of the Drawings and Specifications in good condition.

No bids will be considered unless accompanied by a certified check or bid bond of an acceptable Surety Company in favor of the undersigned, equal to ten per cent of the bid to secure the execution of the contract by the successful bidder.

The right is reserved to reject any of all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS

(68 Miles Lateral Canals—West Stanislaus Irrigation District)

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at their office in Westley, Stanislaus County, California, up to three o'clock P. M. (3:00 P. M.) July 14th, 1928, and will at that time be publicly opened, for the construction of approximately sixty-eight (68) miles of lateral canals, in accordance with the contract, plans and specifications thereon.

CONTRACT NO. 6.—Construct Lateral Canals including approximately 400,000 cubic yards of earth excavation and 100,000 station yards of haul.

All proposals must be accompanied by a certified check for at least five (5) per cent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of successful bidder will be returned when the contract has been executed and the required bonds furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof, will become and remain the property of the West Stanislaus Irrigation District.

Plans, specifications and contract are in file and can be inspected at the District's office at Westley, California, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

A full set of plans, specifications and contract may be obtained at the Engineer's office or at the District's office, on deposit of \$10.00 for each set, which sum will be returned on the return of the same in good condition within ten days after the date on which the bids are opened.

The contract will be let to the lowest, responsible bidder, except that the District reserves the right to reject any and all bids. Bids will be opened at the District's office at Westley, California, Saturday, July 14th, 1928, at three o'clock (3:00 P. M.) P. M.

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,

Secretary for the Board of Directors.
Westley, California, June 22, 1928.

NOTICE TO CONTRACTORS

(High School—El Dorado County High School District)

Office of the Clerk of the Board of Trustees of the El Dorado County High School District of the County of El Dorado, State of California.

Pursuant to an order of the Board of Trustees of the El Dorado County High School District of the County of El Dorado, State of California, made and entered of record on the 31st day of May, 1928, and in accordance with the law in such case made and provided.

Notice is hereby given that sealed bids will be received by the undersigned up to and not later than the hour of two o'clock P. M. on the 12th day of July, A. D. 1928, at the office of the said Board of Trustees in Room Six (Board of Education Rooms) in the Court House in the City of Placerville, County of El Dorado, State of California, for the construction of a high school building in the City of Placerville, County of El Dorado, State of California, for the clearing of the ground for the reception of said building, for the construction thereof, and for the furnishing of all labor and materials and mechanical workmanship for the building and constructing of the said high school building, in accordance with the plans and specifications heretofore made and adopted by the said high school board of trustees, which said plans may be seen and examined during office hours at the office of the Clerk of said Board

of Trustees in said Room Six of the Court House in the City of Placerville, County of El Dorado, State of California, and also at the office of the architects, Davis-Pearce Co., in the Builders' Bldg., Stockton, California.

All bids must be submitted on blank forms furnished by the Clerk of the said Board and must be accompanied by a certified check on some solvent bank in a sum equal to 10% of the amount of the bid, conditioned that if the contract is awarded, the party submitting the accepted bid will enter into a contract as may be required; the owners reserves the right to have the bonds required under said contract placed with some local agent or agents in the County of El Dorado, State of California, and also reserves the right to pay the premium thereon; said contract, as may be required, to be signed within ten days after notice of award, on failing so to do the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of High School Trustees of the County of El Dorado, State of California.

The said Board reserves the right to reject any and all bids and to waive any informality in any bid received, or to re-advertise or to abandon the project entirely and build no building, or to build a building of a different kind.

A deposit of twenty-five dollars will be required for each set of plans and specifications and will be refunded to the bidder upon return of same in good condition.

By order of the Board of High School Trustees of the County of El Dorado, State of California.

W. A. RANTZ,
Clerk of the Board of Trustees of El Dorado County High School District,
County of El Dorado, State of Calif.

(D)-----

NOTICE TO CONTRACTORS

(One Story Brick School—Fair Oaks School District)

Notice is hereby given that the Board of Trustees of the Fair Oaks School District will receive sealed bids at the office of the Clerk of said Board at the Fair Oaks School Building at Fair Oaks, Sacramento County, California, for the construction of a school building, in accordance with the plans and specifications approved by the Board of Trustees of said school district; said bids to be received up to 8:00 o'clock p. m. on the 9th day of July, 1928, at which time and place they will be publicly opened and read.

Each bidder must submit a proposal to the Clerk of said Board, on standard forms, which may be obtained from the office of the architects for said district. Said proposal to be accompanied by a certified check for ten (10%) per cent of the amount of bids submitted; check to be made payable to the Fair Oaks School District.

Plans and specifications are now on file in the office of Coffman-Sahlgren-Stafford, architects for said district, at Room No. 602 Plaza Building, Sacramento, California, to whom all prospective bidders are hereto referred.

The Board of Trustees reserves the right to reject any or all bids received.

By order of the Board of Trustees of the Fair Oaks School District.

Dated June 22, 1928.

J. E. HOLST,
Clerk of the Board of Trustees of Fair Oaks School District.

(D)-----

NOTICE TO CONTRACTORS

(Two Branch High Schools—Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Kern County Union High School District, Kern County, California, up to 4 o'clock P. M. on Monday, July 2, 1928, for the furnishing of all labor and material for the construction of two Branch High School Buildings, one to be built at McFarland, California, and one to be built at Shafter, California, in accordance with the plans and specifications prepared by Symmes & Cullimore, architects, 215 Heberfelde Bldg., Bakersfield, Calif. Bids will be received at the office of said Architects, and will be opened at 8 P. M. on Monday, July 2, 1928, at the Kern County Union High School, Bakersfield, Kern County, California.

Plans and specifications for the same

may be obtained at the office of the Architects upon deposit of Twenty-five Dollars (\$25.00) which will be returned on receipt of said plans and specifications in good order at the time designated by the architects.

Separate figures will be taken on the general work, the heating, and on the electric wiring of each building. Contractors may figure on any or all of this work.

A certified check or bidder's bond in the amount of ten per cent of the amount bid is to be furnished with the bid, and to the order of the Clerk of the Board of Trustees, as evidence of good faith, and that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto, will furnish surety bond therefor in the amount of fifty per cent of the bid, covering labor and material, according to law. All bids are to be made on the blank forms furnished by the Architects.

The Board reserves the right to reject any and all bids, or alternate bids deemed not advantageous to the District, and to waive any informality in any bid received.

By order of the Board of Trustees of the Kern County Union High School District of the County of Kern, State of California, adopted June 11, 1928.

BOYCE R. FITZGERALD,

President.

D. E. URNER,

Clerk.

(D)-----

NOTICE TO CONTRACTORS

(Hydraulic and Electric Equipment—East Bay Municipal Utility District)

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 1924 Broadway, Ray Building, Oakland, California, until 7:30 o'clock P. M., August 17, 1928, and will at that hour be opened, for constructing and furnishing f. o. b. Valley Springs, California, Hydraulic and Electric Equipment for Pardee Power Plant, Mokelumne River Project. Plans and specifications for this work may be obtained from the office of the District.

(Signed) JOHN H. KIMBALL,
Secretary.

Oakland, California, June 18, 1928.

(D)-----

NOTICE TO BIDDERS

(Sterilizing Equipment—Washoe County, Nevada)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 19th day of June, 1928, sealed bids and proposals will be received by the undersigned at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than 10:00 o'clock A. M., Monday, July 23, 1928, for the following: Sterilizing Equipment for Washoe County Hospital, to-wit:

1—6 h. p. upright boiler with submerged tubes.

1—Steam heated American sterilizer combination composed of:

1—14x22-in. dressing sterilizer.

1—pair 15-gallon water sterilizers.

1—2½-gallon still.

1—20x20x24-in. utensil sterilizer with hydraulic lift.

1—9x12x22-in. direct filling instrument sterilizer.

1—Auto steam control valve for dressing sterilizer.

1—Auto steam control valve for each water tank.

1—Set piping to connect sterilizers to roughing-in connections.

Said Board of County Commissioners reserves the right to reject any and all bids and to accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,

Clerk of the Board of County Commissioners.

(D)-----

NOTICE TO CONTRACTORS

(Cement—West Stanislaus Irrigation District)

Sealed proposals will be received by the Directors of the West Stanislaus Irrigation District, at Westley, Stanislaus County, California, up to two o'clock P. M. (2:00 P. M.) Saturday, July 14, 1928, and will at that time be publicly opened, for furnishing 14,000 barrels of Portland

Cement, according to contract and specifications, f. o. b. Westley, California, as required by the District during a period of one year from the contract date.

CONTRACT NO. 7. Furnish Cement. All proposals must be accompanied by a certified check for at least five (5%) per cent of the amount of the bid submitted, in favor of the West Stanislaus Irrigation District.

All certified checks accompanying rejected bids will be returned.

Certified check of the successful bidder will be returned when the contract has been executed and the required bond furnished.

In case of failure to execute contract or furnish the required bonds within the stipulated time, the certified check and the proceeds thereof will become and remain the property of the West Stanislaus Irrigation District.

Specifications and contract are on file and can be inspected at the District's office at Westley, California, or at the office of the District's Engineer, W. F. Woolley, at Patterson, California.

Specifications and contract may be obtained at the Engineer's office or at the District's office upon request.

The contract will be let to the lowest, responsible bidder, except that the District reserves the right to reject any and all bids and to waive any irregularities in the bidding. Guaranteed compression strength and fineness of grind will be considered in determining the low bid. Bids will be opened at the District's office at Westley, California, Saturday, July 14, 1928, at two o'clock P. M. (2:00 P. M.)

By order of the Board of Directors of the West Stanislaus Irrigation District.

ELBRIDGE SMITH,

Secretary of the Board of Directors,
Westley, California, June 22, 1928.

37

NOTICE TO CONTRACTORS

(Electric Work — Shops Building —
Bakersfield)

Notice is hereby given that sealed bids will be received by the Board of Trustees, Kern County Union High School District, Bakersfield, California, up to 7:30 P. M., of July 2, 1928, for furnishing of materials and labor necessary for the completion of electric work for the additions to the Shops Building, Kern County Union High School, Bakersfield, California, in accordance with plans and specifications for same prepared by Charles H. Biggar, architect, 405-6 Bank of Italy Building, Bakersfield, California.

Plans and specifications for such work may be obtained at the office of the architect on deposit of Ten Dollars (\$10), which will be returned upon receipt of the said plans and specifications in good order at the time designated by the architect.

A certified check in the amount of ten per cent (10%) of amount bid must be furnished, payable to the order of the Clerk of the Board of Trustees, as evidence of good faith and that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient surety company bonds therefor. Personal bonds will not be accepted.

The Board of Trustees reserves the right to reject any and all bids not deemed advantageous to the district and to waive any informality in any bid received.

By order of the Board of Trustees of the Kern County Union High School District, Bakersfield, California, made June 18, 1928.

BOYCE R. FITZGERALD,

D. E. URNER, Clerk.

President.

SEWERS & STREET WORK

Continued from page 20

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by city to imp. Atlanta St. bet. Delmas and Frevo Sts., and Spencer Ave. bet. Atlanta and Willow Sts., involv. grade; 1½-in. asph. conc. surface; 2½-in. asph. conc. base pave.; hyd. conc. curb, gutter, walks; hyd. conc. storm water inlet; 3-in. vit. pipe drains; 4-in. vit., 4-in. c. i. pipe lateral sewers.

SANTA CLARA COUNTY, Cal.—Bids will be asked shortly by State Highway Commission to const. conc. overpass at Sargeant crossing over Southern Pacific tracks, cost to be borne by State and railroad; est. cost \$30,000. C. H. Purcell, state highway engineer.

MERCED, Merced Co., Cal.—City declared inten. (625) to imp. alley in Block 76, involv. grade; 5-in. hyd. conc. pave. 1911 Act. Bond Act 1915. Protests July 16. W. T. Clough, city clerk

STOCKTON, San Joaquin Co., Cal.—Until July 9, 11 A. M., bids will be rec. by Eugene D. Graham, county clerk, to imp. Baker Lane from Waterloo road to Jack Tone road. Cert. check 10% payable to Chairman of Board of Suprs. req. with bid. Plans obtainable from County Surveyor F. E. Smith.

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 2, 9 A. M., bids will be rec. by S. A. Evans, city clerk, to imp. intersection of Broadway and Riverside Ave., involv. 1580 sq. ft. grade to sub-grade; 1580 sq. ft. 5-in. cem. conc. pave.; 500 sq. ft. cem. conc. walks; 52 lin. ft. cem. conc. curb; 36 lin. ft. 5½-in. by 12-in. part circle corr. metal conc. culvert. Cert. check 10% payable to city req. Plans obtainable from Roy Fowler, city engineer.

SOUTH GATE, Los Angeles Co., Cal.—Until 8 P. M., July 3, bids will be rec. by city for sewer system in the Home Gardens District, under A. & L. D. No. 4, involv.: 115,520 ft. 6-in., 194,564 ft. 8-in., 10,724 ft. 10-in., 760 ft. 12-in. and 2060 ft. 15-in. cem. sewer; 565 manholes and junction chambers; 22 drop manholes; 214 flushing manholes; 166½ cu. yds. concrete in cradle. Est. contract price, \$19,715. Edward M. Lynch, Central Bldg., Los Angeles, engineer.

OAKLAND, Cal.—City Commissioner of Public Works Wm. H. Parker seeks \$66,000 in budget to finance widening of Moraga Rd. and \$75,000 for airport roadway. Geo. N. Randle, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at \$1126 awarded cont. by city to const. vit. clay pipe main san. sewer with wye branches and manholes in Santa Cruz St., bet. Laguna and Columbia Sts.

OAKLAND, Cal.—Until July 10, 10:30 A. M., bids will be rec. by John W. Edgemond, Secty., Board of Education, to grade Lowell Junior High School site. Spec. obtainable from above at 211 City Hall.

OAKLAND, Cal.—City Eng. Geo. N. Randle preparing spec. to imp. various streets, involv. an expenditure of \$473,750.

SAN RAFAEL, Marin Co., Cal.—Crescent Grading Co., 2528 Taraval St., San Francisco, at \$14,817.50 awarded cont. by county to grade and rock surface 2.7 mi. of Hicks Valley to foot of Wilson Hill, west side, involv. 20,000 cu. yds. excavation without classification; 5000 sta. yds. overhaul; 700 lin. ft. 12-in., 120 lin. ft. 18-in., 110 lin. ft. 24-in., 180 lin. ft. 48-in. corr. metal pipe; 25 cu. yds. A cem. conc. (headwalls); 1000 lbs. reinf. steel; 3000 cu. yds. gravel or broken stone; 100 lin. ft. drain tile. County will furnish corr. metal pipe.

VALLEJO, Solano Co., Cal.—J. E. Johnston, E. and Weber St., Stockton, at \$1743 awarded cont. by city to improve Quincy alley, bet. Napa and El Dorado Sts., involv. grade; r. w. curbs; 5-in. conc. pavement.

SAN RAFAEL, Marin Co., Cal.—Crescent Grading Co., 2528 Taraval St., San Francisco, at \$10,218 awarded cont. by county to grade 3.0 mi. from foot of Wilson Hill, west side, involv. 19,500 cu. yds. excavation without classification; 5000 sta. yds. overhaul; 1000 lin. ft. 12-in., 26 lin. ft. 15-in., 100 lin. ft. 18-in., 126 lin. ft. 24-in., 40 lin. ft. 36-in. and 74 lin. ft. 48-in. corr. metal pipe; 27 cu. yds. A cem. conc. (headwalls); 1000 lbs. reinf. steel. County will furnish corr. metal pipe.

SAN FRANCISCO.—Municipal Const. Co., Call Bldg., at \$24,741 awarded cont. by Bd. Pub. Wks. to imp. Santiago St. bet. 33rd and 34th and 3th and 41st Aves., involv. grade; art. stone walks; catchbasins; asph. conc. pave.

SAN FRANCISCO.—J. M. Dueray, 3901 22nd St., at \$7,479.84 awarded cont. by Bd. Pub. Wks. to imp. Moraga St. bet. 46th and 47th Aves., involv. grade; conc. curb; art. stone walks; br. catchbasins; ironstone sewers; side sewers; asph. conc. pavement.

MONO COUNTY, Cal.—Coolidge and Scott, Minden, Nevada, at \$16,478 sub. only bid to State Highway Comm. to grade 2.1-mi. bet. Doughton and Point Ranch; eng. est. \$18,243.

SANTA CRUZ, Santa Cruz Co., Cal.—County declares inten. to imp. portions of Brewington and Palm Aves., involv. grading; 5-inch waterbound macadam base with asph. macadam surfaces; cem. conc. walks, curbs, gutters; conc. manholes; vit. clay pipe san. sewers with wyes. Co. Imp. Act 1915. Hearing July 9. H. E. Miller, county clerk. Lloyd Bowman, county surveyor.

VALLEJO, Solano Co., Cal.—Until July 7, 11 A. M., bids will be rec. by Alf. E. Edgemond, city clerk, (149) to imp. Ford alley bet. Santa Clara and Sacramento Sts., involv. grade; r. w. curbs; 5-in. conc. pave., 16-ft. wide; 4-in. lateral sewers. 1911 Act. Bond Act 1915. Cert. check 10% payable to city req. with bid. Plans on file in office of clerk. T. D. Kilkenny, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City declares inten. (420-C) to imp. portion of King St., involv. 5-in. conc. pave.; conc. walks, curbs; vit. clay pipe laterals; w. i. pipe water services; conc. meter boxes. 1911 Act. Bond Act 1915. Protests July 16. S. A. Evans, city clerk. Roy Fowler, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 2, 9 A. M., bids will be rec. by S. A. Evans, city clerk, to imp. Braneforte Creek sewer crossing involv. 2 cu. yds. "A" conc.; 180 lin. ft. piling; 1260 bd. ft. r. w. sheathing; 550 bd. ft. sheet piling. Cert. check 10% payable to city req. with bid. Plans obtainable from Roy Fowler, city engineer.

OAKLAND, Cal.—City of Piedmont will be requested by Oakland City Council to contribute between \$25,000 and \$50,000 to a fund to const. Grand Ave. storm sewer in Oakland.

SAN FRANCISCO.—Bureau of Engineering, Department of Public Works, making surveys for conc. pavement, 106 ft. wide, through s. e. corner of Golden Gate Park, connecting the downtown and Sunset District street systems.

SACRAMENTO, Cal.—McGillivray Construction Co., Folsom Blvd., Sacramento, awarded cont. by city to imp. 55th St., bet. J St. and 12 ft. north of Folsom Blvd., involv. conc. curb and gutter; c. i. drains; vit. sewers; reconstruct manholes; 1-in. water main connections; grade; asphalt concrete pavement with seal coat.

SACRAMENTO, Cal.—City declares inten. (2249) to imp. alley bet. O and F Sts., bet. 4th and 5th Sts., involv. c. i. drain; vit. sewer; reconst. catchbasins; 1-in. main connections; grade; hyd. conc. pave. 1911 Act. 1915 Bond Act. Protests July 12. H. G. Denton, city clerk. Samuel J. Hart, city engineer.

EUREKA, Humboldt Co., Cal.—City declares inten. (226) to extend and widen Harris St., involv. grade; 3½-in. asph. conc. base; 1½-in. Warrenite-Bit. surf. pave.; conc. walks, curb; manholes; catchbasins, etc. Act. and Imp. Act 1925. Hearing July 12. A. Walter Kildale, city clerk.

NAPA, Napa Co., Cal.—Until July 10, 10 A. M., bids will be rec. by Jas. A. Dalv, county clerk, to grade and place drainage structures on county Rd. from point opposite Community Hall in Yountville, north and east to Silverado Trail. Cert. check 10% payable to Chairman of Bd. of Suprs. req. with bid. Plans on file in office of clerk.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING PERMIT APPLICATIONS

San Francisco County

No.	Owner	Contractor	Amt.
1537	Costello	Owner	4000
1538	Same	Same	16000
1539	Hines	Hines	
1540	Hellman	Danson	1000
1541	Rosellini	Owner	3500
1542	Sekera	Haley	18000
1543	Winton	Mullen	1800
1544	Balk	Klein	4000
1545	Castle	Horn	36000
1546	Duerner	Owner	3000
1547	Leahy	Higginson	4800
1548	Labarthe	Owner	3000
1549	Myers	Britt	9000
1550	Quistad	Owner	30000
1551	Ray	Owner	25000
1552	Slevin	Campbell	
1553	Behr	Owner	3300
1554	Fontanel	Gullmes	1000
1555	U. S.	Pacific	5400
1556	Bayless	Malloch	10000
1557	Gordan	Owner	4000
1558	Kincanon	Owner	80000
1559	Kenner	Owner	32000
1560	Lawton	Payne	22000
1561	Waters	Ericksen	4000
1562	Westwater	Owner	4000
1563	Arnott	Owner	4000
1564	Buck	Field	4439
1565	Castle	Horn	4000
1566	DeHoff	Owner	2000
1567	Joy	Owner	3500
1568	Keck	Jessiman	4000
1569	Klaes	Klaes	4000
1570	Mogan	Olson	1500
1571	Papposx	Ravaglioli	5000
1572	Properties	Industrial	4000
1574	St. Marys	Johnson	4000
1575	Salvation Army	Gayton	6000
1577	Anderson	Owner	3000
1578	Allred	Owner	5000
1579	Brand	Wiander	4000
1580	Chipperfield	Owner	8000
1581	Farewell	Owner	1200
1582	Gartland	Gartland	8000
1583	Hardiman	Owner	4000
1584	Kenison	Owner	4000
1585	Oyster	Owner	5000
1586	Parkside	Owner	5000
1587	Strand	Owner	8000
1588	Sciaccia	owner	3000
1589	Schwartz	Jacks	4000
1590	Sandwich	Wilhelm	2500
1591	Standard	Owner	4500

DWELLING
(1537) E TWENTY-SECOND AVE 75 N Rivera. One-story and basement frame dwelling.
Owner—Lawrence Costello, 382 27th Ave., San Francisco.
Architect—None. \$4000

DWELLINGS
(1538) E TWENTY-SECOND AVE 100, 125, 150 and 175 N Rivera. Four one-story and basement frame dwellings.
Owner—Lawrence Costello, 382 27th Ave., San Francisco.
Architect—None.

DWELLING
(1539) E FORTY-SIXTH AVE 125 S Santiago. One-story frame dwelling.
Owner—John E. Hines, 2312 46th Ave., San Francisco.
Architect—None.
Contractor—John E. Hines, 445 15th Ave., San Francisco. \$—

CHIMNEYS
(1540) NW BROADWAY AND BRODERICK. Erect 6 patent chimneys.
Owner—L. W. Hellman Jr., Market and Stockton Sts., San Francisco.
Architect—Willis Polk Co., 277 Pine St., San Francisco.
Contractor—Frank Danson. \$1000

DWELLING
(1541) S HALE 175 W Barneveld. One-story and basement frame dwelling.
Owner—Vincent Rosellini, 2724 21st St., San Francisco.
Architect—None. \$3500

APARTMENTS
(1542) N EIGHTEENTH 250-6 W Valencia. Two-story and basement frame (8) apartments.
Owner—John M. Sekera, 744 Russ Bldg., San Francisco.
Architect—None.
Contractor—Haley Bros., 744 Russ Bldg., San Francisco. \$18,000

ALTERATIONS
(1543) SE VAN NESS & PACIFIC AVES Install partition, settees, tables, etc., in restaurant.
Owner—Alice M. Winton, Premises.
Architect—None.
Contractor—Mullen Mfg. Co., 60 Rausch St., San Francisco. \$1800

DWELLING
(1544) 1269 VALLEJO ST.; 1-story and basement frame dwelling.
Owner—Mr. Balk, 1191 Green St.
Architect—None.
Contractor—F. A. Klein, 1423 24th Ave. \$4,000

DWELLINGS
(1545) E 32nd AVE. 150, 175, 200, 225, 250, 275, 300, 325, 350, 275, 400 and 425 N Santiago; twelve 1-story and basement frame dwellings.
Owner—Castle Bldg. Co., 830 Market St.
Architect—None.
Contractor—Henry Horn, 830 Market St. \$3,000 each

DWELLING
(1546) SW RICE 275 NW SAN JOSE; 1-story and basement frame dwelling.
Owner—Paul B. Duerner, 301 Evergreen.
Architect—None. \$3,000

DWELLING
(1547) S DUNCAN 150 W GUERRERO; 1-story and basement frame dwelling.
Owner—Timothy Leahy, 159 Duncan St.
Architect—None.
Contractor—Higginson and Leahy, 509 Cole St. \$4,800

STORE BLDG.
(1548) 2029 CHESTNUT ST.; 2-story frame store and three rooms.
Owner—Jean Labarthe, 2029 Chestnut.
Architect—None. \$3,000

STORE BLDG.
(1549) E 17th St. 80 N FOLSOM; 1-story and mezzanine concrete store bldg.
Owner—L. A. Myers, 68 Post St.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello. \$9,000

APARTMENTS
(1550) NW NORTH POINT & SCOTT; 3-story and basement frame (15) apts.
Owner—Thomas E. Quistad, 2101 North Point.
Architect—Irvine and Ebbets, 72 New Montgomery St. \$30,000

FACTORY
(1551) SW BERNAL CUT & MISSION St.; one-story and basement frame light industrial factory.

Owner—W. S. Ray Mfg. Co., 600 Bosworth
Architect—Irvine and Ebbets, 72 New Montgomery St. \$25,000

DWELLING
(1552) N NORTON 400 W MISSION ST.; 1-story and basement frame dwelling.
Owner—Mrs. Catherine E. Slevin, 82 Norton St.
Architect—None.
Contractor—Fred L. Campbell, 30 Grafton Ave. \$4,000

DWELLING
(1553) NW PRAGUE 225 SW RUSSIA; 1-story and basement frame dwelling.
Owner—L. N. Behr, 1517 Castro St.
Plans by Owner. \$3300

ALTERATIONS
(1554) 157 ROLPH ST.; alter and remodel dwelling.
Owner—I. Fontanel, 157 Rolph St.
Architect—None.
Contractor—V. Gullmes, 323 Chattanooga St. \$1000

ALTERATION
(1555) 400 SECOND ST.; build mezzanine in stock storage bldg.
Owner—U. S. Envelope Co., Springfield, Mass.
Architect—None.
Contractor—Pacific Coast Envelope Co. Div., 400 Second St. \$5400

STORE BLDG.
(1556) W MISSION 210 S 18th ST.; 1-story reinforced concrete store bldg.
Owner—S. Bayless, % builder.
Architect—None.
Contractor—J. S. Malloch, 666 Mission St. \$10,000

DWELLING
(1557) SE CAYUGA 88 SW ONONADAGO; 1-story and basement frame dwelling.
Owner—Harry Gordan, 312 Hanover.
Architect—None. \$4,000

APTS. & STORES
(1558) S EDDY 162.6 E LEAVENWORTH; 6-story reinforced concrete (39) apts. and stores.
Owner—J. G. Kincanon, 1706 Geary St.
Plans by Owner. \$80,000

DWELLINGS
(1559) E 25th AVE. 150, 175, 200, 225, 250, 275, 300, 325 N Moraga; eight 1-story and basement frame dwellings.
Owner—R. F. Kenner, 2600 Diamond St.
Architect—None. \$4,000 each

DWELLINGS
(1560) SW FITZGERALD 75, 100, 125, 150, 175, 200 NW Ingalls; six 1-story and basement frame dwellings.
Owner—R. E. Lawton.
Architect—None.
Contractor—Payne Const. Co., 2130 46th Ave. \$3,650 each

DWELLING
(1561) N RICHLAND 75 W Murray; 2-story and basement frame dwelling.
Owner—Ben Waters, 519 Holly Park Circle.
Architect—None.
Contractor—Henry Ericksen, 972 Chenery \$4,000

DWELLING
(1562) W RALSTON 100 N Randolph; 1-story and basement frame dwelling.
Owner—F. B. Westwater, 425 Vernon St.
Architect—D. C. Westwater, 425 Vernon St. \$4,000

DWELLING
(1563) NE SIXTEENTH AVE AND Rivera. One-story and basement frame dwelling with apartment underneath.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—None. \$4000

DWELLING
(1564) NO. 398 EDGEHILL. One-story frame dwelling.

Capital City Title Company

J. C. PALEN
Manager

914 Seventh Street
Sacramento - California

Owner—Keith A. Buck, 195 West Portal Ave., San Francisco.
 Architect—Willis E. Huson, 580 Market St., San Francisco.
 Contractor—Fred H. Field, 580 Market St., San Francisco. \$4439

DWELLING
 (1565) E THIRTY-SEVENTH AVE 200 S Santiago. One-story and basement frame dwelling.
 Owner—Castle Bldg. Co., 830 Market St., San Francisco.
 Architect—None.
 Contractor—Henry Horn, 830 Market St., San Francisco. \$4000

DWELLING
 (1566) S ARMY 250 E Folsom. One-story and basement frame dwelling.
 Owner—Bertha E. DeHoff, 568 22nd Ave. San Francisco.
 Architect—None. \$2000

DWELLING
 (1567) E THIRTIETH AVE 75 S Taraval. One-story and basement frame dwelling.
 Owner—J. H. Joy, 828 Taraval St., San Francisco.
 Architect—L. Hansberry, 1260 20th Ave., San Francisco. \$3500

DWELLING
 (1568) W FORTY-FOURTH AVE 150 S Taraval. One-story and basement frame dwelling.
 Owner—Joseph Keck, 1344 Greenwich St., San Francisco.
 Architect—None.
 Contractor—J. W. Jessiman, 230 7th Ave., San Francisco. \$4000

DWELLING
 (1569) — URBANO 350 W Alviso. One-story frame dwelling.
 Owner—Julia Klaes, 3133 Anza St., San Francisco.
 Architect—Victor Klaes, 3133 Anza St., San Francisco.
 Contractor—F. Klaes, 3133 Anza St., San Francisco. \$4000

ADDITION
 (1570) NO. 1915 BRODERICK. Add two rooms to front of building.
 Owner—Miss M. K. Mogan, Premises.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor—C. Olson, 875 47th Ave., San Francisco. \$1500

DWELLING
 (1571) E CHARTER OAK 50 N Augusta. One-story and basement frame dwlg.
 Owner—C. Pappasx.
 Architect—None.
 Contractor—Clody Ravaglioli, 2602 San Bruno Ave., San Francisco. \$5000

ADDITION
 (1572) SE POTRERO AVE & TWENTY-FIFTH ST. Roof addition to factory.
 Owner—Properties Investment Corp., 155 Montgomery St., San Francisco.
 Architect—O'Brien Bros. and W. D. Peugh, 315 Montgomery St., S. F.
 Contractor—Industrial Constr. Co., 815 Bryant St., San Francisco. \$4000

DWELLING
 (1573) SE THIRTIETH AVE AND Irving. One-story and basement frame dwelling.
 Owner—Geo. F. Rundle, 1246 36th Ave., San Francisco.
 Architect—None.
 Contractor—Geo. F. Rundle & Son, 1246 36th Ave., San Francisco. \$4500

DWELLING
 (1574) E JUSTIN DRIVE 45 N Benton. One-story and basement frame dwlg.
 Owner—St. Mary's Park, 3901 Mission St., San Francisco.
 Architect—D. E. Jaekle, 395 Justin Drive, San Francisco.
 Contractor—A. R. Johnson, 3901 Mission St., San Francisco. \$4000

DWELLING
 (1575) 95 N SILVER AVE on produced line Cambridge. One-story and basement frame dwelling.
 Owner—The Salvation Army, 36 McAllister St., San Francisco.
 Architect—None.
 Contractor—Geo. T. Gayton, 36 McAllister St., San Francisco. \$6000

APARTMENTS
 (1576) W TENTH AVE 89 S Judah. Three-story and basement frame (12) apartments.
 Owner—E. R. Tucker, % Architect.
 Architect—Pring & Lesswing, 605 Market St., San Francisco. \$19,000

DWELLING
 (1577) W NAPLES 108 S Silver Ave. One-story and basement frame dwlg.
 Owner—Louis R. Anderson, 37 Rico Way, San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$3000

DWELLING
 (1578) N RAVENWOOD 245-5 N Yerba Buena. Two-story and basement frame dwelling.
 Owner—C. S. Alfred, 391 Ashton St., San Francisco.
 Architect—H. G. Stoner, 39 Sutter St., San Francisco. \$5000

DWELLING
 (1579) W TWENTY-SECOND AVE 60 N Vicente. One-story and basement frame dwelling.
 Owner—Wm. Brand.
 Architect—None.
 Contractor—E. Wiander, 641 Brunswick St., San Francisco. \$4000

DWELLINGS
 (1580) E TWENTY-EIGHTH AVE 200 and 225 N Moraga. Two one-story and basement frame dwellings.
 Owner—R. E. Chipperfield, 1295 15th Ave. San Francisco.
 Architect—None. \$4000 each

ALTERATIONS
 (1581) NO. 343 HEARST AVE. Alter and remodel dwelling.
 Owner—Mrs. N. A. Farewell, 630 Natoma St., San Francisco.
 Architect—None. \$1200

FLATS
 (1582) E GUERRERO 100 N Twenty-fifth. Two-story and basement frame (2) flats.
 Owner—Mrs. M. Gartland, 899 Guerrero St., San Francisco.
 Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor—J. A. Gartland, 899 Guerrero St., San Francisco. \$8000

DWELLING
 (1583) W THIRTY-FIFTH AVE 225 S Irving. One-story and basement frame dwelling.
 Owner—Michael D. Hardiman, 423 38th Ave., San Francisco.
 Architect—None. \$4000

DWELLING
 (1584) E MONTICELLO 100 N Shields. Two-story and basement frame dwlg.
 Owner—Robert Kenison, 2832 San Jose Ave., San Francisco.
 Architect—L. Hansberry, 1260 20th Ave., San Francisco. \$4000

ALTERATIONS
 (1585) NO. 2521 BROADWAY. Alter and remodel residence.
 Owner—Alfred Oyster, 2002 California St. San Francisco.
 Architect—Edward E. Young, 2002 California St., San Francisco. \$5000

DWELLING
 (1586) E THIRTY-FOURTH AVE 165 N Yorba. One-story and basement frame dwelling.
 Owner—Parkside Realty Co. of S. F., 525 Crocker Bldg., San Francisco.
 Architect—None. \$5000

FLATS
 (1587) E TWENTY-SIXTH AVE 125 S Cabrillo. Two-story and basement frame (2) flats.
 Owner—T. I. Strand, 882 31st Ave., San Francisco.
 Architect—Irvine & Ebbets, Call Bldg., San Francisco. \$8000

DWELLING
 (1588) TEXAS ST. LOT 14 BLK 4130. One-story and basement frame dwlg.
 Owner—John Sciacia, 547 Missouri St., San Francisco.
 Architect—None. \$3000

ALTERATIONS
 (1589) NO. 4 PRESIDIO TERRACE. Replaster exterior of building and install additional rooms and boiler room in dwelling.

Owner—Sidney Schwartz, Premises.
 Architect—Hyman & Appleton, 68 Post St., San Francisco.
 Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco. \$4000

ALTERATIONS
 (1590) NO. 38 MONTGOMERY. Install new front, alter stairs, remove present mezzanine floor and remodel sandwich shop.
 Owner—B. G. Sandwich Shop Inc., 1022 Market St., San Francisco.
 Architect—None.
 Contractor—A. Wilhelm, 666 Mission St., San Francisco. \$2500

DWELLING
 (1591) E TWENTY-SECOND AVE 240 S Ulloa. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 218 Castenaca St., San Francisco.
 Architect—None. \$4500

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
268	Francis	Zelinsky	1235
269	Greenwich	Haun	9636
270	Dollar	Parker	157094
271	Bissinger	Adams	
272	Hibernia	Home	3730
203	LOWE	Campbell	635
204	Regents	Henderson	
274	Bayless	Malloch	10500

PAINTING
 (268) 12th AVE. and MORAGA; painting for building.
 Owner—Roy N. and Gertrude H. Francis, 3481 Pierce St., San Francisco.
 Architect—Bos and Quandt, Humboldt Bank Bldg., San Francisco.
 Contractor—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.
 Filed June 21, 1928. Dated June 14, 1928.
 Payments on 10th of each month.....75%
 Usual 25 days.....25%
TOTAL COST, \$1235
 Limit, without delay. Spec. filed.

BUILDING
 (269) SW GREENWICH & LEAVENWORTH S 137-6 W 171-10½; all work on 1-story reinforced concrete bldg.
 Owner—Greenwich Terrace Householding Assn., 625 Market St., San Francisco.
 Architect—F. W. Dakin, 310 California St., San Francisco.
 Contractor—C. C. W. and H. H. Haun, 1060 Church St., San Francisco.
 Filed June 21, 1928. Dated June 6, 1928.
 Ready for roofing of garage walls.....\$2409
 Walls and roof slabs poured.....2409
 Completed and accepted.....2409
 Usual 35 days.....2409
TOTAL COST, \$9636
 Bond, \$9636. Sureties, The Fidelity & Casualty Co. Limit, 90 days. Plans and Spec. filed.
 Permit applied for May 5, 1928.

LOFT BLDG., ETC.
 (270) S CALIFORNIA 103-8½ W Battery W 41-5½XS 89. All work for ten-story Class A loft building with changes and additions to Robert Dollar Building.
 Owner—The Robert Dollar Co., 311 California St., San Francisco.
 Architect—Charles W. McCall, 1404 Franklin St., Oakland.
 Contractor—The K. E. Parker Co., 135 South Park, San Francisco.
 Filed June 25, 1928. Dated June 22, 1928.
 On 1st and 15th of each month.....75%
 Usual 35 days.....Balance
TOTAL COST, \$157,094
 Bond, \$157,094. Surety, The Fidelity & Deposit Co. of Maryland. Limit, 175 days.
 Forfeit, \$75. Bonus \$50. Plans and specifications filed.

ALTER. & ADDITIONS
 (271) 2430 BROADWAY; alterations and additions to residence.
 Owner—John W. Bissinger, 2430 Broadway, San Francisco.
 Architect—Harold G. Stoner, 39 Sutter San Francisco.
 Contractor—Ernest T. Adams, 424 Grafton, San Francisco.
 Filed June 25, 1928. Dated June 2, 1928.
 Payments to be made as work progresses.
 Contractor to receive actual cost plus 10%.
 Permit applied for.

CARPENTER & MILL WORK.

(272) NW MISSION & NORTON W 50
& N 39-6; finished carpenter and mill
work for banking offices.
Owner—The Fibernia Savings & Loan
Society, Jones and McAlister Sts.,
San Francisco.
Architect—Arthur Brown, Jr., 251 Kearny
St., San Francisco.
Contractor—Home Mfg. Co., Inc., 552
Brannan St., San Francisco.
Filed June 25, 1928. Dated June 3, 1928.
Completed and accepted. \$2,797.50
Usual 35 days. 932.50
TOTAL COST, \$3,730
Bond, \$3720. Sureties, Sun Indemnity Co.
of New York. Forfeit, \$10. Plans and
Spec. filed.

STORE BLDG.

(274) W MISSION 210 S 18th S 25 x W
80; all work on 1-story reinforced
concrete store building.
Owner—S. Bayless.
Architect—S. Heiman, 57 Post St.
Contractor—J. S. Malloch, 666 Mission St.
San Francisco.
Filed June 27, 1928. Dated June 27, 1928
Concrete walls poured to ceiling
joist line. \$2625
Brown coated. 2625
Completed. 2625
Usual 35 days. 2625
TOTAL COST, \$10,500
Limit, 80 days. Plans and Spec. filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
June 20, 1928—LOT 9 BLK 138 Map
Brown Est. Company's Sub. ptn Uni-
versity Mound. John M. Chivario
to whom it may concern. May 31, 1928
June 20, 1928—E PUTNAM 200 N JAR-
BOE Ave. N 25 x 70. A. J. and S.
Stolt to whom it may concern. June 16, 1928
June 20, 1928—SE VALENCIA and 15th
45 on Valencia x 100. J. Bessette to
A. W. Schulz and F. F. Lacey. June 18, 1928
June 20, 1928—425-433 WASHINGTON
St. Lot 11 Blk 206. Hanrahan & Co.
Inc. to A. Legault. June 18, 1928
June 20, 1928—SE EDINBURGH 150 SW
France Ave. SW 50 x SE 100 being
Lots 25E and 25D Blk 42 Excelsior
Hd. Assn. Victor Holmgren. June 19, 1928
June 20, 1928—E OCTAVIA 100 N Lomb-
ard N 37-6 x 101. McCormick Realty
Co. to whom it may concern. June 2
June 20, 1928—LOT 25 x 120 E 17th
Ave. 300 S Taraval. E. Allen to Stand-
ard Bldg. Co. June 20, 1928
June 20, 1928—E 26th AVE. 175 N
Moraga N 25 x E 120. M. A. White-
lock to whom it may concern. June 18, 1928
June 20, 1928—E 26th AVE. 125 and 150
N Moraga N 25 x E 120. M. A. White-
lock to whom it may concern (two
completions). June 20, 1928
June 20, 1928—20 CULEBRA TERRACE
bet Polk and Larkin and Lombard
and Chestnut. James Meares to Jac-
ob Clare and Henry Petersen. June 20, 1928
June 20, 1928—W 39th AVE 50 N KIRK-
HAM N 50 x W 95. Henry Doelger
to whom it may concern. June 18, 1928
June 20, 1928—LOT 10 BLK 3047 Mont-
erey Heights. Howard H. and Carol
F. Taylor to D. B. Gladstone. June 18, 1928
June 20, 1928—NE JOOST AVE. and
Foerster. Clyde W. Lindsay to whom
it may concern. June 18, 1928
June 22, 1928—E 29th AVE. 150 S TA-
RAVAL 25x120. James Bernie to
whom it may concern. June 21, 1928
June 22, 1928—E 30th AVE. 125, 150,
250, 275 and 300 S Anza. E. M. Doyle
to Thos. Hamill. June 22, 1928
June 22, 1928—E 18th AVE. 172 S TA-
RAVAL 25x120. C. W. De Vore to
F. C. Reed. June 11, 1928
June 22, 1928—E 18th AVE. 204, 229 S
Kirkham E 120 x S 25. Michael and
Nellie Costello to whom it may con-
cern. June 21, 1928
June 22, 1928—SE PRAGUE 200 SW
Brazil Ave. SW 100 x SE 100 being
ptn Blk 95 Excelsior Hd. Assn. Al-
bert J. Olson to whom it may con-
cern. June 21, 1928
June 22, 1928—LOT 14 BLK 49 Reis
Tract. Domenico Galletta to Gia-
como Gioardo. June 1, 1928

June 22, 1928—LOTS 10, 11, 12 BLK 2
Jonas Barman Map. Robert Neil to
whom it may concern. June 21, 1928
June 22, 1928—E 26th AVE. 125, 100 S
Moraga S 25 x E 120. Castleberry &
Boin to whom it may concern (two
completions). June 22, 1928
June 22, 1928—LOT 17 BLK 583 St.
Mary's Park. The Roman Cath-
olic Archbishop of San Francisco to
Andrew R. Johnson. June 13, 1928
June 22, 1928—LOT 16 BLK 583, St.
Mary's Park. The Roman Cath-
olic Archbishop of San Francisco to
Pete Savich. June 13, 1928
June 22, 1928—SE FREMONT & HOW-
ARD 329-2 SE alg E Fremont th at
right angles 275 NE to W line Beale
th at right angles 91-8 NW alg W
Beale SW 138-6 NW 137-6 to S. But-
ler Bros. to James A. Nelson, Inc.;
Central Elec. Co. (two completions).
June 5, 1928
June 22, 1928—SE FREMONT & HOW-
ARD 329-2 SE alg E Fremont th at
right angles 275 NE to W line Beale
th at right angles 91-8 NW alg W
Beale. Butler Bros. to Automatic
Sprinkler Corp. of America; Mac-
Donald & Kahn, Inc.; Wm. J. Forster
Co. (three completions). June 5, 1928
June 21, 1928—422 VALENCIA ST. A.
B. Campbell to John Diestel. June 10, 1928
June 21, 1928—SW LAWRENCE 82 SE
Winnipeg Ave. SE 25 x SW 75 Lot
3 Blk 9 Sears Sub. West End Map 2.
Erick A. Anderson to whom it may
concern. June 21, 1928
June 21, 1928—225 SE NEWHALL NE
Palou Ave 50x100. Thos. R. Sharman
to whom it may concern. June 20, 1928
June 25, 1928—LOT 7 BLK 26 Amend-
ed Map Ingleside Terrace. George
Bevan to whom it may concern. June 25, 1928
June 25, 1928—LOT 31-3x120 on E Fun-
ston Ave. 162-6 N Taraval. H. W.
and Elizabeth F. Armbrust to whom
it may concern. June 25, 1928
June 25, 1928—LAND FRONTING on
19th on NE side Orphanage Admin-
istration bldg., known as 3841 19th St.
having frontage on 19th of 50 and
depth of 114. McKinley Orphanage
Corp. to Thomas Cuthbertson. June 23, 1928
June 25, 1928—LOT 8 BLK 5837 St.
Mary's Park. The Roman Catholic
Archbishop of S. F. to Andrew R.
Johnson. June 1, 1928
June 25, 1928—LOT 17 BLK 5837 St.
Mary's Park. The Roman Catholic
Archbishop of S. F. to Andrew R.
Johnson. June 13, 1928
June 25, 1928—E STANYAN 25 N Grat-
tan N 25xE 108-4. Matilda Minear
to whom it may concern. June 1, 1928
June 25, 1928—W MISSION & SANTA
Rosa Ave NW 100xSW 50. Antonio
Conti to N George Wienholz. June 25, 1928
June 25, 1928—W FORTIETH AVE
225 S Irving S 43xW 120. Mrs. E
Von Boden to whom it may concern
June 11, 1928
June 23, 1928—E MOULTRE 50 S
Tupkins 25x70. Adolf Schmidt to
whom it may concern. May 20, 1928
June 23, 1928—SW TENTH 132 SE
Mission SE 30xSW 80. Laurence A.
Myers to O W Britt. June 22, 1928
June 23, 1928—LOT 16 BLK 6801, Castle
Manor. Castle Bldg Co fmlly Gensler
Lee Inv Corp to Henry Horn. June 22, 1928
June 23, 1928—LOTS 30 AND 32 BLK
6800, Castle Manor. Castle Bldg Co
fmlly Gensler-Lee Inv Corp to Henry
Horn. June 22, 1928
June 23, 1928—E BAKER 39 S Jefferson
S 28-6xE 93-9. David C Robinson
and Wm H Johnston to whom it
may concern. June 23, 1928
June 23, 1928—E BAKER 67-6 S Jef-
ferson S 28-6xE 93-9. David C Rob-
inson and Wm H Johnston to Robin-
son & Johnston. June 23, 1928
June 23, 1928—W GIRARD 75 N Girard
25x120. Esther Todrsic to Wm T
Hummer. June 23, 1928
June 23, 1928—LOT 6 BLK 26, Map
Amended Map Ingleside Terrace. A
J Herzig to whom it may concern. June 23, 1928
June 23, 1928—W NEBRASKA 290 S
Powhattan S 25xW 100 Ptn Blk 2,
Jonas Barman Map. R E Lawton to
whom it may concern. June 21, 1928
June 26, 1928—W 26th AVE. 50 N MOR-
AGA N 25 x W 95. B. H. Morris to
whom it may concern. June 18, 1928
June 26, 1928—E 25th AVE. 70 S UL-

LOA S 35 x E 120. Wm. F. Kays to
Milton T. Moore. June 25, 1928
June 26, 1928—E HARTFORD 125 S
18th S 25 x E 125. Wm. T. Thomas
to Arvid Peterson. June 26, 1928
June 26, 1928—LOT 26 BLK 6479 As-
sessor's Map 25x120 on E Allison comg
pt 125 S Morse. Charles L. Nelson to
whom it may concern. June 26, 1928
June 26, 1928—W 27th AVE. 50 and 75
N Moraga 25x82-6. R. E. Chipper-
field to whom it may concern. June 26, 1928
June 26, 1928—W NEBRASKA 240, 265,
215 S Powhattan Ave. S 25 x W 100
Ptn Blk 2 Jonas Barman Map. R. E.
Lawton to whom it may concern. June 21, 1928
June 26, 1928—25x90 N SIDE MONT-
EREY Blvd. 250 E Acadia. Geo. V.
and Annie M. Godin to whom it may
concern. June 26, 1928
June 26, 1928—W 20th AVE. 180 N
LAWTON N 30 x W 120. John F.
and May S. Comyns to Peterson Bldg.
Co. June 26, 1928
June 26, 1928—W 37th AVE. 275 S BAL-
ROA S 25 x W 120. Nick Hemminga
to whom it may concern. June 26, 1928
June 26, 1928—N AMAZON AVE. 75 S
Madrid. Harry Walters to whom it
may concern. June 26, 1928

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
June 21, 1928—LOTS 31 and 32 BLK 8
Addus. Castro St. Addn. and Glen
Park Terrace. Dannenbaum Paint
Co., Inc. vs A. L. and Elsie Jones, M.
C. Ingraham and Walter Burton. \$72.80
June 21, 1928—W 42nd AVE. 75 N CA-
BRILLO 25x82-6. Albert Cook vs J.
A. Frye. \$254
June 20, 1928—PTN LOT D BLK 1
Martin Kellogg Ppty., Berkeley, W.
H. Picard vs Jack Thornburg. \$1,170.25
June 20, 1928—NE McALLISTER and
Masonic Ave. E 31.3 x N 100 Lot 19
Blk 1160. Albert Dean vs R. A. and
Mary F. Crothers. \$110
June 20, 1928—W VAN NESS 110 N
Lombard N 28 x W 100. Ernest Long
vs Maud Haseltine. \$324
June 20, 1928—NW PRAGUE 350 SW
Russia SW 50 x NW 100. Peter Sor-
sensen vs Robert Hill. \$498.36
June 20, 1928—SW MAGELLAN AVE.
and Pacheco approx. 111 on arc of said
inter. approx. 87 in length on one
side and 61 on other Lot 1 Blk 3,
Forest Hill. Adam Arras and P. F.
Speidel (as Adam Arras Co) vs Frank
R. and Allie J. Hill. \$552
June 22, 1928—S GEARY 120 W LARK-
IN W 40 x S 120 to N Myrtle WA 10.
Atlas Heating & Ventilating Co. vs E.
V. and Veronica Lacey and M. E.
Vukicevich and wife. \$3,640
June 22, 1928—W 16th AVE. 305 So T
St. S 24-10 x W 120. Atlas Heating &
Ventilating Co. vs Bernhard and
Lydia Karl. \$248
June 22, 1928—SW 33rd AVE. & RI-
VERA W 240 x S 100 being ptn Blk
2316 Sunset Lot No. 1. McHugh Imp.
Co. vs Elias Vigen. \$3624.54
June 22, 1928—E 27th AVE. 100 S UL-
LOA S 25 x E 120. Reinhart Lum-
ber & Planing Mill Co. vs Victor Rose
and Rose Bros. \$139.50
June 22, 1928—E MISSION 95 N 20th
N 165xE 245. Patent Scaffolding Co
of Calif vs George S. Sarah C. Grace
M and Samuel M Crim; W H Crim Jr
and Joel Johnson & Son. \$483.49
June 25, 1928—LOT 1 BLK 3 Map For-
est Hill. A. A. Crowe, \$650; J. D.
Chadbourne, \$807.13, vs Frank R. Hill
June 25, 1928—NW FELL & BUCHAN-
AN W 55 x N 120 to S Linden. Smith
Lbr Co of S F., vs Fred and Celia
Hechter. \$1,776.40
June 25, 1928—NW PRAGUE 350 SW
Russia SW 50 x NW 100 Lot 3A Blk
6282. Henry Harder vs Robert Hill
\$129.10
June 25, 1928—NE RUSSIA AVE. 25 E
Munich SE 75 x NE 75. Frank Bar-
barotto vs Henry J. and Dorothy
Schultheiss and Harry and Theresa
Wesselle. \$51
June 25, 1928—E 17th AVE. 100 S UL-
LOA S 25 x E 120. Reinhart Lbr &
Planing Mill Co. vs Victor Rose and
Rose Bros. \$139.50
June 22, 1928—LOT 6 BLK 9 Forest

Hill. George H. Tay Co. vs Frank R. and Allie J. Hill. \$261.36
 June 25, 1928—S HALE 175 W MER-
 RILL W 25 x S 75. J. Stadtnr vs
 John F. Thorne. \$35
 June 23, 1928—NE JACKSON & LEAV-
 ENWORTH N 115 x E 137-6 N 26-
 11 1/4 W 147-6 S 26-11 1/4 being Lot 22
 Blk 183 Assessor's Book. Fred W.
 Bullock vs A. L. Lundy. \$86.10
 June 23, 1928—S BAY 209 W VAN
 NESS Ave. W 125 x 137-6. A. Schafer
 vs Vincent Dito and Wm. Cos-
 tello. \$122
 June 23, 1928—NW TARAVAL and 29th
 Ave. W 32-6 x N 100. John Chesco
 and L. Milani (as L. Milani & Co.)
 vs Harry J. Rock. \$500
 June 23, 1928—E LEAVENWORTH 115
 N Jackson N 26-11 1/4 x E 137-6 ptn
 50 W Lot 891. A. Schafer vs A. L.
 Lundy. \$618.05
 June 23, 1928—S HOLLOWAY AVE. 100
 E Bright E 50 x S 115. A. J. Ruhl-
 man & Co. vs E. L. Fullerton. \$165.90
 June 23, 1928—NW PRAGUE 275 SW
 Russia Ave. SW 25 x NW 100 Lot 5
 Blk 92 Excelsior Hd. Assn. Reinhart
 Lbr & Planing Mill So. vs R. Hill. \$573.98
 June 23, 1928—LOT 19 N 1/2 LOT 18
 BLK 8 Map Ingleside Terrace. A. J.
 Ruhlman & Co. vs E. L. Fullerton. \$277.21
 June 23, 1928—E 15th AVE. 334 W TA-
 RAVAL N 33-4 x 127-6. Christenson
 Lumber Co. vs Henry Wrigley, E.
 Kari, and Elizabeth Frontin. \$701.96
 June 23, 1928—S MISSION 125 E 8th
 E 80 x S 80. T. I. Butler Co. vs F.
 Atwood, W. Ingalls, Used Car Dept.,
 Calif. Pac. Mortgage & Inv. Co., R.
 C. Harlan. \$86.57
 June 23, 1928—N SUTTER 167-3 W OC-
 TAVIA W 47-2 N 137-6 E 39-6 N
 137-6 to S Bush E 10 S 137-6 W 2-3
 S 137-6 to beg. Joe Pavlovich vs J.
 C. Hladik. \$1,550
 June 23, 1928—N SUTTER 167-3 W OC-
 TAVIA W 47-3 N 137-6 E 39-6 N 137-
 6 to S Bush E 10 S 137-6 W 2-3
 137-6 to beg. Incandescent Supply Co.
 vs O. B. Hergert. \$354.10
 June 23, 1928—W EDNA S STAPLES
 S 25 x W 100. T. I. Butler Co. vs
 Gus H. Elzner Jr., Daisy Elzner and
 R. C. Harlan. \$248.50
 June 23, 1928—W EDNA S STAPLES
 S 25 x W 100. T. I. Butler Co. vs
 Raymond and Ida Christensen and
 R. C. Harlan. \$206.39
 June 23, 1928—W 14th AVE. 225 S UL-
 LOA S 25 x W 127-6. Christensen
 Lumber Co. vs B. Kari, Thos. W.
 Horgan and Henry F. Wrigley. \$485.21
 June 23, 1928—W 14th AVE. 200 S UL-
 LOA S 25 x W 127-6. Christensen
 Lumber Co. vs B. Kari, Thos. W.
 Horgan and Henry F. Wrigley. \$485.21
 June 23, 1928—W 14th AVE. 125 S UL-
 LOA S 25 x W 127-6. Christenson
 Lumber Co. vs B. Kari, Henry F.
 Wrigley. \$485.22
 June 23, 1928—W 14th AVE. 150 S UL-
 LOA S 25 x W 127-6. Christenson
 Lumber Co. vs B. Kari, Henry F.
 Wrigley and Agnes Ryan. \$485.22
 June 23, 1928—W 14th AVE. 175 S UL-
 LOA S 25 x W 127-6. Christenson
 Lumber Co. vs B. Kari, Henry F.
 Wrigley and Richard Ryan. \$485.22
 June 26, 1928—W EDNA 25 S STAPLES
 Ave. S 25 x W 100 Lot 47 Blk 17,
 Sunnyside, 245 Edna St. Carl Benson
 vs Mr. and Mrs. Gus Elzner. \$85.50
 June 26, 1928—NW COR. 19th AVE. &
 Taraval W 32-6 x N 100. Neil Mul-
 cahy vs H. J. Rock. \$100
 June 26, 1928—E MASONIC AVE. 89 S
 Waller S 27 x E 105. J. A. Mohr &
 Son, Inc. vs Mary E. Gertrude A.
 Nellie, Wm. J. and Annie Ahern. \$205
 June 26, 1928—W RALSTON bet. Sar-
 gent and Shields Sts., Lots 41, 42, 43,
 44, 45, 46, 47 and 48 being ptns of Blk
 14 City Land Assn., lots 25x100. Felix
 Gross (as Felix Gross Co.) vs W. S.
 Barron and H. H. Putnam. \$64
 June 26, 1928—S GEARY 120 W of
 Larkin W 40 x S 120. Carolee Wall
 Paper Co., Inc. vs E. V. and Veronica
 Lacey and M. E. Vukicevich and wife
 \$662.85
 June 26, 1928—NE COR. JACKSON &
 Leavenworth Sts. N 115 x E 127-6
 N 26-11 1/4 W 147-6 S 26-11 1/4 being Lot
 22 Blk 183 Assessor's Book. Book.
 Progress Floor Co. vs A. L. Lundy. \$410
 June 27, 1928—N SUTTER 167-3 W
 Octavia W 47-3 N 137-6 E 39-6 N 137-
 6 E 10 S 137-6 W 2-3 S 137-6. A. G.
 Atwood vs J. C. Hladik, H. Pittman
 and O. B. Hergert. \$67.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 June 20, 1928—1633 or 185 W 39th AVE.
 325, 375 S Judah 25 x 120; 1640 or 24
 W 39th Ave. 400 S Judah 25 x 120.
 Fred Vollers to H. or Henry Doelger,
 J. Rossini. \$350
 June 20, 1928—W 39th AVE. 375, 350,
 400 S Judah S 25 x W 120. James
 Lennon Lime & Cement Co. to Henry
 Doelger and Harry Hunter. \$350
 June 20, 1928—S SANTIAGO 45 E 22nd
 Ave. E 150 x S 69-5 W 150-2 1/4 N 61-
 10 m or l to beg. Christensen Const.
 Cr., Inc. to Johnson & Erlandsen. \$830
 June 20, 1928—S SANTIAGO 120 W 21st
 Ave. W 75 S 61-10 m or l to line
 drawn from pt on E line 22nd Ave.
 dist. 59-75 from S Santiago to pt on
 W 21st Ave. 71-8 S Santiago SE alg
 last desc'd line 75-1 m or l to line
 drawn S and 3/4 W 21st Ave. from
 pt beg N 65-7 1/2 m or l to beg. Pay
 Improvement Co. to Nathan Schwartz. \$93.75
 June 25, 1928—SE McALLISTER and
 Masonic Ave E 31-2 x N 100. Albert
 Dean to R. A. and Mary F. Ceothers.
 June 23, 1928—NO. 3854 TWENTY-
 third St. D T Gardner to Edwin S
 Manning. \$350
 June 22, 1928—SE FIFTEENTH AND
 Valencia S 45x E 100. Robert E Mc-
 Coy to Jules Bessette. \$100

BUILDING PERMIT APPLICATIONS

Alameda County

No.	Owner	Contractor	Amt.
1392	Buckley	Kingrea	1000
1393	Frandsen	De Velbiss	25497
1394	Lord	Owner	10000
1395	Walker	Isakson	4500
1396	Oakland	Branagh	11500
1397	Sulmoeck	Owner	5000
1398	Voland	Williams	4800
1399	Walker	Isakson	100
1401	Colvins	Owner	6000
1402	Chrislip	Brown	6000
1403	Williams	De Velbiss	75000
1404	Bent	Owner	2600
1405	Goulart	Jacobson	1800
1406	Maxfield	Owner	1000
1407	Millar	California	9000
1408	McIntyre	McCullough	22000
1409	Realty	Bartlett	14000
1410	Smith	Sconyers	3550
1411	East Bay	Muller	2000
1412	Field	Owner	60000
1413	Snow	Sullivan	1000
1414	Dufour	Koehendorfer	3500
1415	Justice	Owner	4500
1416	Justice	Owner	4000
1417	Sheridan	Wright	1200
1418	Thompson	Owner	4000
1419	Twentieth	Walker	2,250,000
1420	Braze	Nunes	4468
1421	Brown	Owner	8000
1422	City	Grodem	17000
1423	Groom	Trippell	4250
1424	Langbehn	Owner	4000
1425	Port	Grodem	8500
1426	Silver	Jacobs	5500
1427	Warren	Owner	2650
1428	Simons	Owner	2500

RESIDENCE

(1391) 1629 LA VEREDA AVE., Berk-
 eley; 1 1/2-story 4-room 1-family resi-
 dence.
 Owner—J. V. Carmon, 1631 La Vereda
 Ave., Berkeley.
 Architect—Lillian Bridgeman, 1715 La
 Loma Ave., Berkeley.
 Contractor—C. C. Rosenberry, R. F. D.
 3, Box 2760, Oakland. \$2500

GARAGE

(1392) W PIEDMONT Ave., 450 S MOSS
 Ave., Oakland; 1-story tile garage.
 Owner—Mrs. Buckley 4534 Piedmont Ave.
 Oakland.
 Architect—None.
 Contractor—J. T. Kingrea, 4116 Terrace
 St., Oakland. \$1000

OFFICE & STORE BLDG.

(1393) SW COR. LAKESHORE & Man-
 dana Blvd., Oakland; 2-story 12-room
 office and store bldg.
 Owner—Julia G. Frandsen, on address.
 Architect—F. H. Reimers, Franklin Bldg.,
 Oakland.
 Contractor—C. D. DeVelbiss, 354 Hobart
 St., Oakland. \$25,497

CLEANING WORKS

(1394) SW COR. E 14th ST. and 17th
 Ave., Oakland; 1-story 5-room con-
 crete and tile cleaning and dyeing
 works.
 Owner—Lord Holding Corp., 3022 E 14th
 St., Oakland.
 Architect—None. \$10,000

ALTER. & ADDN.

(1395) 3604 PENNIMAN AVE., Oakland;
 alterations and addition to 1-story
 garage.
 Owner—C. A. Walker, 3604 Penniman
 Ave., Oakland.
 Architect—None.
 Contractor—E. Isakson, 3031 Maple Ave.,
 Oakland. \$4500

ADDITION

(1396) W CLEVELAND AVE. bet. Athol
 and Montclair, Oakland; 2-story 5-
 room addition.
 Owner—Oakland Public Schools, City
 Hall, Oakland.
 Architect—John I. Easterly, 337 17th St.,
 Oakland.
 Contractor—John E. Branagh, 184 Perry
 St., Oakland. \$11,500

ALTERATIONS

(1397) 1500 37th AVE., Oakland; altera-
 tions.
 Owner—Sulmoeck Mfg. Co., 1500 37th Ave.,
 Oakland.
 Architect—None. \$5000

DWELLING

(1398) S CAVANAUGH ROAD, 500 N
 Humphrey Place, Oakland; 1-story
 6-room dwelling.
 Owner—E. C. Voland, no address.
 Architect—None.
 Contractor—H. E. Williams, 1606 Cava-
 naugh Road, Oakland. \$4800

DWELLING

(1399) N PENNIMAN AVE., 300 E 35th
 Ave., Oakland; 1-story 2-room dwell-
 ing.
 Owner—C. A. Walker, 3604 Penniman
 Ave., Oakland.
 Architect—None.
 Contractor—E. Isakson, 3031 Maple Ave.,
 Oakland. \$1000

RESIDENCE & GARAGE

(1401) 15 PROSPECT RD., Piedmont.
 2-story 8-room frame residence and
 garage.
 Owner—T. C. Colvins, 317 17th St., Oak-
 land.
 Architect—None. \$6000

RESIDENCE

(1402) 1313 OXFORD ST., Berkeley; 1-
 story 7-room 1-family residence.
 Owner—A. E. Chrislip, 1929 Rose St.,
 Berkeley.
 Plans by Owner.
 Contractor—L. T. Brown, 1830 San Pedro
 Ave., Berkeley. \$6000

RESIDENCE & GARAGE

(1403) 15 GLEN ALPINE ROAD, Pied-
 mont; 2-story 25-room frame resi-
 dence and garage.
 Owner—Mrs. Chester Williams, 148 Bayo
 Vista Ave., Oakland.
 Architect—Miller & Warnecke, Alameda
 Co. Title Ins. Bldg., Oakland.
 Contractor—C. D. De Velbiss, 421 Build-
 ers Exchange, Oakland. \$75,000

WHARF AND PIER

(1404) FT. 19th AVE., Oakland; wharf
 and pier.
 Owner—Bent Concrete Pipe Co., 19th Ave.
 and Estuary, Oakland.
 Architect—None. \$2600

(1405) 9822 ELMAR AVE., Oakland; ad-
 dition.
 Owner—J. B. Goulart, 9822 Elmar Ave.,
 Oakland.
 Architect—None.
 Contractor—Eric Jacobson, 2307 Havens-
 court Blvd., Oakland. \$1800

ADDITION

(1406) E SEMINARY AVE., 75 SE 16th
 St., Oakland; addition.
 Owner—E. Maxfield, 1456 Seminary Ave.,
 Oakland.
 Architect—None. \$1000

SWIMMING POOL

(1407) W PERALTA AVE., 200 S LO-
 GAN Ave., Oakland; 1-story concrete
 swimming pool.
 Owner—J. R. Millar, 2409 Peralta Ave.,
 Oakland.
 Architect—None.
 Contractor—California Cotton Mills, no
 address. \$9,000

RESIDENCE

(1408) 2957 AVALON AVE., Berkeley; 2-story 8-room 1-family stucco residence.
Owner—Mr. and Mrs. C. H. McIntyre, Berkeley.
Architect—W. H. Ratcliff, Jr., Chamber of Commerce Bldg., Berkeley.
Contractor—Chas. H. McCullough, 1634 Berkeley Way, Berkeley. \$22,000

RESIDENCE

(1409) NW COR. HAMPTON ROAD and Mountain Blvd., Oakland; 1-story 5-room concrete residence.
Owner—Realty Syndicate Co., no address.
Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.
Contractor—John Bartlett, 354 Hobart St., Oakland. \$14,000

DWELLING

(1410) W 83rd AVE., 100 N OLIVE ST., Oakland; 1-story 8-room 2-family dwelling.
Owner—Smith & Sconyers, no address.
Architect—None.
Contractor—Geo. F. Sconyers, 2759 77th Ave., Oakland. \$3,350

ALTERATIONS

(1411) NE TWENTY-SECOND AND Market Sts., Oakland. Alterations.
Owner—East Bay Creamery.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. \$2000

APARTMENTS

(1412) W OAKLAND AVE 190 S Pearl St., Oakland. Three-story 51-room apartments.
Owner—Ephraim Field, 614 American Bank Bldg., Oakland.
Architect—None. \$60,000

ALTERATIONS

(1413) NE PERALTA AVE AND DAVIS St., Oakland. One-story brick and tile alterations and additions.
Owner—Arthur Snow, Premises.
Architect—None.
Contractor—Sullivan & Sullivan, 2653 Best Ave., Oakland. \$1000

DWELLING

(1414) 2037 ENCINAL AVE., Alameda; 1-story 5-room dwelling, cement plaster finish.
Owner—Mrs. I. Dufour, 2037 Encinal Ave., Alameda.
Architect—P. A. Dufour, 3008 San Jose Ave., Alameda.
Contractor—Leo F. Kochendorfer, 2204 Lincoln Ave., Alameda. \$7500

DWELLING

(1415) 2604 BAY ISLAND AVE., Alameda; 2-story 6-room dwelling, stucco finish.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
Plans by Owner. \$4500

DWELLING

(1416) 1612 WOOD ST., Alameda; 1-story 5-room dwelling, stucco finish.
Owner—N. F. Justice, 3232 Bayo Vista Ave., Alameda.
Plans by Owner. \$4000

FIRE REPAIRS

(1417) 723-27 17th St., Oakland; fire repairs.
Owner—J. L. Sheridan, no address.
Architect—None.
Contractor—Curts Wright 2716 Telegraph Ave., Oakland. \$1200

DWELLING

(1418) S NORWOOD AVE., 125 W CAVANAUGH, Oakland; 2-story 5-room dwelling.
Owner—H. E. Thompson, 234 E 18th St., Oakland.
Architect—None. \$4,000

STORE BLDG.

(1419) SW COR. 20th & BROADWAY, Oakland; 7-story brick store bldg.
Owner—Twentieth & Broadway Realty Co., (Capwell), San Francisco.
Architect—Starrett & Vleck, New York; Ashby-Evers & Hayes, 525 Market St., San Francisco.
Contractor—P. J. Walker Co., Oakland Bank Bldg., Oakland. \$2,250,000

DWELLING

(1420) 1532 JONES AVE., Oakland; 1-story 5-room dwelling.
Owner—Mr. and Mrs. M. Braze, 9825 Walnut St., Oakland.

Architect—None.

Contractor—Anton F. Nunes, 37 Castro St., San Leandro. \$4468

RESIDENCE

(1421) 666 SANTA BARBARA ROAD, Berkeley; 2-story frame and stucco residence (8 rooms).
Owner—B. M. Brown., 1531 Blake St., Berkeley.
Architect—E. L. Snyder, 2045 Shattuck Ave., Berkeley. \$8000

RESTAURANT

(1422) OAKLAND AIRPORT, Oakland; 1-story restaurant.
Owner—City of Oakland.
Architect—None.
Contractor—Grodem & Fourchy 1428 Park St., Alameda. \$17,000

DWELLING & GARAGE

(1423) 4621 ALLENDALE AVE., Oakland; 1-story 6-room dwelling and 1-story garage.
Owner—S. F. Groom, 1652 100th Ave., Oakland.
Architect—None.
Contractor—Karl Trippell, 1652 100th Ave., Oakland. \$4250

DWELLING

(1424) 3357 MADERA AVE., Oakland; 1-story 6-room dwelling.
Owner—Fred Langbehn, 3465 Birdsall Ave., Oakland.
Architect—None. \$4000

OFFICE BLDG.

(1425) OAKLAND AIRPORT, Oakland; 1-story office building.
Owner—Port of Oakland.
Architect—None.
Contractor—Grodem & Fourchy 1428 Park St., Alameda. \$8500

GARAGE

(1426) N 26th ST., 400 W BROADWAY; 1-story brick and tile garage.
Owner—Geo. Silver, 1739 Webster St., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Contractor—Jacobs & Pattiana, 337 17th St., Oakland. \$5500

DWELLING & GARAGE

(1427) 3221 MONTANA ST., Oakland; 1-story 5-room dwelling and garage.
Owner—W. H. Warren, 3502 Foothill Blvd., Oakland.
Architect—None. \$2650

RESIDENCE

(1428) 1183 DELAWARE ST., Berkeley; 1-story 4-room 1-family residence.
Owner—H. G. Simons, 1181 Delaware St., Berkeley.
Architect—None. \$2500

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
1391	Carmon	Rosenberry	2500
189	Mills	Heafey	7600
190	Voland	Williams	6000
191	Realty	Bartlett	13122
192	California	Christensen	13725
193	Mills	Leiter	.....
194	Realty	Moore	4392
195	Realty	Moore	3230
196	First	McGruer	19378
197	First	Slater	3140
198	Twentieth	Nelson	152399
199	Same	Ludlow	12350
200	Same	Lawson	97364
201	Same	Nepage	147759
202	Same	Clinton	464764
205	Wagenet	Woolley	8005

GRADING, ETC.

(189) MILLS COLLEGE PROPERTY, Oakland; grading, concrete work, rock work, oil macadam and plaster work on roadway and bridge.
Owner—Mills College, 59th Ave. and Mesaba, Oakland.
Architect—W. H. Ratcliffe, Jr., Chamber of Commerce Bldg., Berkeley.
Contractor—Heafey-Moore Co., 344 High St., Oakland.
Filed June 21, 1928. Dated June 19, 1928.
On completion.....\$5700
Usual 35 days.....1900
TOTAL COST, \$7600
Limit, September 1, 1928.

DWELLING

(190) LOT 22 LAKESHORE MANOR, Oakland; general construction on 1-story 6-room dwelling.

Owner—E. C. Voland, Oakland.

Architect—None.

Contractor—Hugh E. Williams, 1606 Cavanaugh Road, Oakland.
Filed June 21, 1928. Dated June 20, 1928.
On signing of contract.....\$ 300
According to custom of loan Co.....4,900
On 16th of July, 1928.....225
16th of each month thereafter until balance is paid.....225
TOTAL COST, \$6000
Limit, 100 days after June 20, 1928.

RESIDENCE

(191) SW HAMPTON ROAD AND Mountain Blvd., Oakland. All work for one-story residence.
Owner—Realty Syndicate Co.
Architect—Hamilton Murdock, 715 Syndicate Bldg., Oakland.
Contractor—John M. Bartlett, 354 Hobart St., Oakland.
Filed June 22, '28. Dated June 14, '28.
On 1st of each month.....75%
Usual 35 days.....Balance
TOTAL COST, \$13,122
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING

(192) 1100 29th AVE., Oakland; general construction on 2-story steel frame, concrete, brick and timber roof structure.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—P. L. Bush, 2601 Broadway, San Francisco.
Contractor—Henry J. Christensen, Ray Bldg., Oakland.
Filed June 22, 1928. Dated June 21, 1928.
When 1st floor is poured.....\$1000
When 2nd floor is poured.....2500
When walls are complete.....2000
When roof frame is in place.....2000
When completed.....2730
36 days after acceptance.....3435
TOTAL COST, \$13,725
Bond, \$13,725. Sureties, U. S. Fidelity & Guaranty Co. Limit, 45 days. Plans and Spec. filed.

ALTER. & REPAIRS

(193) MILLS COLLEGE CAMPUS, Oakland; alterations and repairs on Hall building.
Owner—Mills College, 59th Ave., and Mesaba, Oakland.
Architect—None.
Contractor—E. T. Leiter & Sons, 3601 Wes St., Oakland.
Filed June 25, 1928. Dated June 23, 1928.
Progress payments.
COST PLUS 5%
Limit, September 11, 1928.

ALTERATIONS

(194) SE 12th and WASHINGTON Sts., Oakland; alterations on store and office building.
Owner—Realty and Rebuilding Co., 625 Market St., San Francisco.
Architect—None.
Contractor—The John J. Moore Co., 233 Pine St., San Francisco.
Filed June 25, 1928. Dated June 21, 1928.
10th of each month, 75% of val. inc.
TOTAL COST, \$4,392
Bond, \$2146. Sureties, Pacific Indemnity Co. Limit, 50 days.

ALTERATIONS

(195) 1114 WASHINGTON ST., Oakland; alterations on store and office bldg.
Owner—Realty and Rebuilding Co., 625 Market St., San Francisco.
Architect—None.
Contractor—The John J. Moore Co., 233 Pine St., San Francisco.
Filed June 25, 1928. Dated June 21, 1928.
Monthly installments of 75% of val. inc.
Balance usual 35 days.
TOTAL COST, \$2230.
Bond, \$1615. Sureties, Pacific Indemnity Co. Limit, 30 days.

PLASTERING

(196) SE 29th ST. & FAIRMONT AVE., Oakland; plastering on church bldg.
Owner—First Christian Church of the City of Oakland, Oakland.
Architect—W. H. Weeks, 111 Sutter St., San Francisco.
Contractor—McGruer and Co., San Francisco.
Filed June 25, 1928. Dated June 15, 1928.
As work progresses.....75%
Balance usual 35 days.
TOTAL COST, \$19,376
Bond, \$19,376. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day. Limit, 35 days.

(197) **ELECTRIC WORK ON ABOVE.**
Contractor—Slaters Elec. Co., 569 19th St., Oakland.
Filed June 25, 1928. Dated June 15, 1928.
Payments same as above.
TOTAL COST, \$3,140
Bond, \$3,140. Sureties, Commercial Casualty Ins. Co. Forfeit, \$10 per day.

SLEEPING PORCHES HEATING & VENTILATING
(198) Bounded by BROADWAY, TELEGRAPH Ave. and 20th St., Oakland; installing heating & ventilating systems in class A department store bldg.
Owner—Twentieth and Broadway Realty Co., Oakland.
Architect—Ashley, Evers & Hayes, 525 Market St., San Francisco, and Starrett & Van Vleck, New York.
Contractor—James A. Nelson, Inc., 1375 Howard St., San Francisco.
Filed June 25, 1928. Dated June 8, 1928.
10th of each month 75% of value inc., until 75% of cont. price has been paid
Balance usual 35 days.
TOTAL COST, \$152,399
Bond, \$76,199.50. Sureties, Columbia Casualty Co. Limit, without delay. Plans and Spec. filed.

(199) **INSTALLING REFRIGERATION**
Equipment on above.
Contractor—Ludlow Refrigerating Engineering Co., 605 Market St., S. F.
Filed June 25, 1928. Dated June 8, 1928.
Payments same as above.
TOTAL COST, \$12,350.00
Bond, \$6175. Sureties, Union Indemnity Co. Limit, without delay. Plans and Spec. filed.

(200) **PLUMBING ON ABOVE.**
Contractor—Herman Lawson, 465 Tehama St., San Francisco.
Filed June 25, 1928. Dated June 8, 1928.
Payments same as above.
TOTAL COST, \$97,364
Bond, \$48,682. Sureties, London & Lancashire Indemnity Co. of America. Limit, without delay. Plans and Spec. filed.

(201) **ELECTRIC WIRING SYSTEMS**
on above.
Contractor—Nepage, McKenny Co., 559 Howard St., San Francisco.
Payments same as above.
TOTAL COST, \$147,759.00
Filed June 25, 1928. Dated June 8, 1928.
Bond, \$73,879.50. Sureties, Pacific Indemnity Co. Limit, without delay. Plans and Spec. filed.

(202) **CONCRETE WORK** on above.
Contractor—Clinton Const. Co. of California, 7th and Bay Sts., Oakland.
Filed June 25, 1928. Dated June 21, 1928.
Payments same as above.
TOTAL COST, \$464,764.00
Bond, \$232,382. Sureties, Pacific Indemnity Co. Limit, without delay. Plans and Spec. filed.

(203) 2325 **PIEDMONT AVE., Berkeley:**
general construction of addition of sleeping porches for residence.
Owner—Miss Margaret Rowe, 421 Fairmont Ave., Oakland.
Architect—V. E. H. Campbell, 7512 Sun-kist Drive, Oakland.
Filed June 26, 1928. Dated June 21, 1928.
On completion.....\$635
TOTAL COST, \$635
Limit, three days from date.

COTTAGE & LABORATORY BLDG.
(204) **STRAWBERRY CANYON,** Alameda County; general construction on cottage and laboratory building.
Owner—Regents of the University of California.
Architect—H. B. Foster, University of California, Berkeley.
Contractor—Herbert K. Henderson, 393 40th St., Oakland.
Filed June 25, 1928. Dated June 25, 1928.
1st of each month 75% of value in.
For Cottage.....\$ 6,835
For Laboratory Bldg.....19,277
Two Bonds, \$13,500 each. Sureties, Great American Indemnity Co. Forfeit, \$20 per day. Limit, 90 days. Plans and Spec. filed.

RESIDENCE
(205) IN **FERNWOOD, Oakland.** All work for residence.
Owner—Mr. and Mrs. John D. Wagenet, 2930 E-23rd St., Oakland.
Architect—John D. Wagenet, 2930 E-25th St., Oakland.
Contractor—B. F. Woolley, 159 Thorn Rd. Oakland.

Filed June 27, '28. Dated June 26, '28.
Rough frame up.....25%
Brown coat plaster on.....25%
When completed.....25%
Usual 35 days, balance.....25%
TOTAL COST, \$8005
Bond, none. Limit, Sept. 27, 1928. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded June 21, 1928—LOT 5 BLK 1, Map No. 6, Regents Park, Albany. George W and Laura H Ryan to H C Baker..... June 18, 1928
June 21, 1928—N ORCHARD ST. 150 W Summit St., Oakland. Peralta Hospital Inc. formerly Hillcrest Hospital, Inc. to whom it may concern..... June 19, 1928
June 21, 1928—NO. 3520 JORDAN RD., Oakland. A M Berg to Berg & Swanson..... June 20, 1928
June 21, 1928—PPTY ALASKA PACKERS Association, Alameda. Alaska Packers Association to Heafey-Moore Co..... June 20, 1928
June 21, 1928—LOT 246 Unit C, Oak Knoll, Oakland. Estate A. M. Klerman to whom it may concern..... June 16, 1928
June 21, 1928—LOT 6 BLK G, Eastmont Tract, Oakland. Mrs. Hazel M Caskey to H T Caskey..... June 21, 1928
June 19, 1928—NE BELROSE AVE. & Garber Road, Berkeley. Thomas Telfer to A. Cedarborg..... June 14, 1928
June 20, 1928—9300 SUNNYSIDE ST., Oakland. V. and Jennie Lucich to Chas. Ungaretti..... June 16, 1928
June 20, 1928—BEG AT PT ON FRUIT VALE AVE. S 16° 55' W 82 ft. dist. from NW cor. of land conveyed by Margaret J. Mory to Julius W. Wyman Oct. 19, 1889 and recorded in Vol. 383 of Deeds pp. 303. Simon Quint to whom it may concern..... June 18, 1928
June 20, 1928—LOT 6 BLK 4, Brookdale Terrace, Oakland. S. F. Groom to whom it may concern..... June 19, 1928
June 20, 1928—LOT 128 Unit No 2 Avenue Terrace, Oakland. William Watson to whom it may concern..... June 20, 1928
June 22, 1928—LOT 4, Mesa Alta Tract, Oakland. Florence M. Palmer to Chas. T. Moore..... April 12, 1928
June 22, 1928—LOT 8 BLK 13, Daley's Scenic Park Tract, Berkeley. Millar White to Millar White Const. Co..... June 18, 1928
June 22, 1928—2146 VICKSBURG AVE., Oakland. Eureka Mill & Lumber Co. to whom it may concern..... June 21, 1928
June 22, 1928—LOT 13, Revised map of the Gibbon's Ppty., Oakland. Ardell Cole to V. E. Burch..... June 21, 1928
June 22, 1928—LOT 4 BLK J, Excelsior Heights, Oakland. A. E. Anderson to whom it may concern..... June 22, 1928
June 22, 1928—LOTS 3 and 4, Fruitvale Park, Brooklyn Twp. Geo. F. and Lena P. Sconyers to whom it may concern..... June 22, 1928
June 25, 1928—NW 46th ST. & SHAT-TUCK AVE., Oakland. John Diestel and D. J. Sullivan..... June 25, 1928
June 22, 1928—LOT 4 BLK B, Castro Valley Gardens, Alameda County. Harrie H Barton to Webb & Whalin..... June 15, 1928
June 23, 1928—LOT 25 BLK 3, Thousand Oaks Heights, Berkeley. F L Holbrook to whom it may concern..... June 21, 1928
June 23, 1928—LOT 1 and Ptn Lot 2 Blk 12, Oakmore Highlands, Oakland. G Otto Klingler to B Frank Woolley..... June 22, 1928
June 23, 1928—NO. 15 NACE ST., Piedmont. David Nordstrom to whom it may concern..... June 15, 1928
June 23, 1928—PTN OF CERTAIN 267.46 acre piece of land firstly desc in deed John H Spring and Celina D Spring and Charlotte B Spring to Realty Syndicate dated June 2, 1909, and recorded in Vol 1610 of Deeds, Page 123, Oakland. M C Ellis to whom it may concern..... June 22, 1928
June 25, 1928—675 CLEVELAND St. Oakland. Margaret Fay Coughlin to whom it may concern..... May 14, 1928
June 25, 1928—SW 9th & CASTRO STS. Oakland. Langley & Michaels Co. to Chicago Bridge and Iron Works..... June 9, 1928
June 25, 1928—SW 9th & CASTRO STS. Oakland. Langley & Michaels Co. to H. C. Reid..... June 19, 1928

June 26, 1928—2808 CLAY ST., Alameda. Sidney J. Dowling to Sidney J. Dowling..... June 18, 1928
June 26, 1928—PTN LOT H BLK 1 Martin Kellogg Ppty., Berkeley. Lihan Parker Allen to Jack W. Thornburg..... June 21, 1928
June 26, 1928—78 OAKMONT AVE., Piedmont. L. E. Garcin to Helen W. Jackson..... June 21, 1928
June 25, 1928—INT. NW LINE E 21st St. and NW line 14th Ave., Oakland. John Carlson to Karl A. Johanson..... June 22, 1928
June 26, 1928—PTN LOT 15 BLK 2, Amended Map of Bartlett Tract, Alameda. Elizabeth J. Kemp to Fred Hambleton..... June 25, 1928
June 26, 1928—2427 HILGARD AVE., Berkeley. J. F. Whitehouse to J. F. Whitehouse..... June 26, 1928
June 26, 1928—3323 STUART ST., Oakland. Clarence A. Gustafson to whom it may concern..... June 26, 1928
June 25, 1928—1921 96th AVE., Oakland. Dennis Vaughan to Dennis Vaughan..... June 25, 1928

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
June 20, 1928—SE VIRGINIA & MILVIA Sts., Berkeley. L. A. Gile vs John Driver and C. M. Starr.....\$467.30
June 20, 1928—LOT C PTN LOT H Martin Kellogg Ppty., Berkeley. W. H. Picard vs Jack Thornburg.....\$2,700
June 22, 1928—PTN LOT 13, Claremont Terrace, Oakland. Superior Tile and Products Co. vs C. G. and Jane Doe Langum.....\$88
June 22, 1928—LOT 24 BLK B, Harmon Tract, Berkeley. J. B. Carmichael vs Joseph Canson.....\$39.50
June 22, 1928—PTN LOT 1 BLK M, Durant Manor, Oakland. B. Simon Hardware Co., \$71.85; M. G. Sturtevant, \$250, vs R. H. Harker.....\$1785.01
June 21, 1928—LOTS 5, 7, 9, 11 BLK 24, Fitchburg Tract, Oakland. Boorman Lumber Co vs Marie Sophie Manig (as also known as Anna M S Manig) and Max E Manig.....\$1785.01
June 21, 1928—LOTS 6 AND 7 BLK A Allendale Annex, Oakland. Maxwell Hardware Co vs Berpha S Spalty and Jas Allan.....\$75.60
June 21, 1928—LOT 7 and NE 15 Lot 6 Blk A, Allendale Annex, Oakland. Melrose Lumber & Supply Co, Inc, vs Bertha Schmidt Spalty and James Allen.....\$379.20
June 21, 1928—PTN CERTAIN 267.46 Acre Tract land firstly des in deed John H Spring and wife to Realty Syndicate Co. dated June 2, 1909, Rec Vol 1610 of Deeds, Page 123, Oakland. Clyde Harris and L M Rasmussen vs Ida Bell and M C Ellis and W P Wright.....\$193.70
June 21, 1928—PTN CERTAIN 267.46 Acre Tract land firstly des in deed John H Spring and wife to Realty Syndicate Co. dated June 2, 1909, Rec Vol 1610 of Deeds, Page 123, Oakland. Clyde Harris and L M Rasmussen vs W P Wright.....\$124.50
June 20, 1928—1685 SCENIC AVE Berkeley. Bernhard Bahnsen vs J. Eric and Anna K. Johanson.....\$50
June 20, 1928—LOT 16 BLK 1 Thousand Oaks Heights, Berkeley. Rochester Elec. Co. vs David Kestli.....\$25
June 20, 1928—1901 105th AVE., Oakland. East Bay Hardware Co. vs R. H. Harker.....\$64.70
June 26, 1928—SW 40 ft. LOT 1 BLK M Durant Manor, Oakland. Elmhurst Sheet Metal Works vs R. H. Harker, M. G. Sturtevant.....\$80.50
June 25, 1928—LOTS 25, 26 BLK 7 Map 7 of Regents Park, Albany. M. T. Cook vs C. H. Gish.....\$212
June 23, 1928—E FRUITVALE AVE 123.35 N Pleasant St. Oakland. Soule Steel Co vs Jas S and Elinor H Forster.....\$1515

BUILDING CONTRACTS

SAN MATEO COUNTY

RECORDED

RESIDENCE
LOCATION NOT GIVEN. All work for residence.
Owner—Mrs. Morton L. Cook.
Architect—None.
Contractor—G. W. Williams Co., 1404 Broadway, Burlingame.
Filed June 20, '28. Dated June 18, '28.

Frame up\$1750
Brown coated 1750
Completed 1750
Usual 35 days..... 1750
TOTAL COST, \$7000
Bond, none. Limit, Oct. 15, 1928. For-
feit, plans and specifications, none.

RESIDENCE
LOT 14 BLK 7, Burlingame. All work
for one-story residence.
Owner—James B. Finnegan.
Architect—None.
Contractor—T. J. Broderick, 1528 Cypress
St., Burlingame.
Filed June 20, '28. Dated June 7, '28.
Rafters on\$1395
Enclosed 1390
Completed 1390
Usual 35 days..... 1390
TOTAL COST, \$6950
Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications
filed.

RESIDENCE
SE COR. ATHERTON AVE. & MONTE
VISTA St., Atherton; all work on 1-
story residence.
Owner—Samuel Lilienthal, 2007 Franklin
St., San Francisco.
Architect—Gardner A. Doiley, 425 Mason
St., San Francisco.
Contractor—Meese & Briggs, 1425 Burlin-
game Ave., Burlingame.
Filed June 14, 1928. Dated June, 1928.
Framed\$7,300
Elec. and plumb. rough in..... 7,300
Completed 7,300
Usual 35 days..... 7,317
TOTAL COST, \$29,217
Limit. 110 days.

BUILDING PERMITS

SAN MATEO

RESIDENCE, \$4000; Lot 23 Ptn Lot 8
William Place, San Mateo; owner, G.
W. Williams, 1404 Broadway, San
Mateo.
RESIDENCE, \$4000; Lot 22 Ptn. Lot 8,
William Place, San Mateo; owner, G.
W. Williams, 1404 Broadway, San
Mateo.
RESIDENCE, \$4000; Lot 21 Ptn Lot 8,
Williams Place, San Mateo; owner,
G. W. Williams, 1404 Broadway, San
Mateo.
RESIDENCE, \$4000; Lot 24 Ptn Lot 8,
San Mateo; owner, G. W. Williams,
1404 Broadway, San Mateo.
BUNGALOW and garage, \$5000; Lot 19
N-Clairmont St., San Mateo;
owner, M. McAbee, San Francisco;
architect, Chas. F. Strothoff, 2274
15th St., San Francisco; contractor,
P. D. Johnson, 732 Farrington St.,
San Mateo.
RESIDENCE, \$10,000; S ½ 256 Edgewood
Road, San Mateo Park; owner, Dr.
John Leggett, 137 Occidental Ave.,
Burlingame; contractor, J. B. Oswald
1700 Sherman St., Burlingame.
STORE building, reinforced concrete,
\$12,000; Lot 9 Blk 13 B St., San
Mateo; owner, Eli. Wiel, 25 1st St.,
San Francisco; architect, Edwards &
Schary, 525 Market St., San Fran-
cisco; contractor, Daley Bros., 1104
Vancouver St., San Mateo.
RESIDENCE, one-story, \$5500; W Par 2
Blk M, Palm Ave., San Mateo; own-
er, K. Kercher, San Mateo; contrac-
tor, Frank Ferrea, 712 5th Ave., San
Mateo.
BUNGALOW and garage, \$4000; Ptn 121.1
of 119, Jary St., San Mateo; owner,
Geo. E. Fisher.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
June 19, 1928—LOT 16 BLK 16 Burlin-
game Grove, Burlingame. Vincent J.
Fay to whom it may concern.....
June 16, 1928
June 19, 1928—LOT 7 BLK 23 Easton
San Mateo. Henry L. Boos to Frank
J. Pimea..... June 15, 1928
June 19, 1928—LOT 23 BLK 6 Burlin-
game Grove, Burlingame. Grace R.
Canfield to Henry Voelker.....
June 15, 1928
June 19, 1928—124 MEDWAY, San Ma-
teo. Chas. R. Blythe to Mullen Mfg.
Co..... June 13, 1928
June 20, 1928—LOTS 12 and 14 BLK 4,
Vista Grande, San Mateo. Olphause
Joeker to Wm. F. Bemell..... June 12, 1928

June 20, 1928—LOT 28 BLK 19 Mil-
brae Highlands, San Mateo. Sig J.
Olafsson to whom it may concern.....
June 19, 1928
June 21, 1928—17 LOT 9 BLK 23, San
Carlos. Della C. Davis to whom it
may concern..... June 21, 1928
June 21, 1928—LOT 19 BLK 2, Milzer
Ranch, Belmont. M. J. McDonough
to whom it may concern..... June 21, 1928
June 21, 1928—MENLO PARK. The
Menlo School for Boys to Wells P.
Goodenough..... June 15, 1928
June 21, 1928—LOTS 124, 139, BURLIN-
GAME GATE. Harry B. Allen, Inc.,
to whom it may concern..... June 14, 1928
June 22, 1928—LOTS 4, 5 BLK 13, Bay-
wood. Bernard E. George to whom
it may concern..... June 22, 1928
June 22, 1928—FABIR SUP. PT OF
Mary E. Sargent to whom it may
concern..... June 22, 1928
June 22, 1928—LOT 6 BLK 13 BURLIN-
GAME HILLS. William B. Vaughn
et al to whom it may concern.....
June 15, 1928
June 23, 1928—LOT 19 BLK 5, BUR-
LINGAME PARK. Marian Miller
Ford to The C. H. Bessett Bldg. Co.
..... June 16, 1928
June 23, 1928—PT LOTS 21 and 22 Bel-
burn Village. J. H. Eckhardt to
Doley Brothers Inc..... June 22, 1928
June 23, 1928—PT LOT 138 West End,
Homestead. Frank L. McAfee to
whom it may concern..... June 28, 1928
June 23, 1928—LOT 7 BLK 37, Redwood
Highlands. L. E. Walbert to R. C.
Mitchell..... June 19, 1928
June 23, 1928—LOT 15 BLK 8, Redwood
Highlands. M. L. Lane to whom it
may concern..... June 23, 1928
June 23, 1928—PTS LOTS 287 and 288
San Mateo Park. M. J. King et al to
whom they concern..... June 22, 1928

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
June 22, 1928—SAN MATEO CITY
Homestead. H. R. Park vs R. C.
Mitchell, et al.....\$160.55
June 23, 1928—LOTS 7, 8 BLK 30
Belle Air Tract. San Mateo Sand &
Fuel Co. vs Anthony Kasmont.....\$47.13

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
June 18, 1928—Location Withheld. V.
L. Doppee to Frederick H. Lawton.....
in full
June 19, 1928—LOT 24 BLK 82 Belle-
monte Tract. San Carlos Lumber
Co. to Dr. W. J. Caesar.....in full
June 19, 1928—LOT 28 BLK 6, Vista
Grande. H. E. Ramm, T. E. McFar-
lane, C. Schultz, C. Downall, H. H.
Smith to Eleanor H. Mills, et al.....
in full

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 16, 1928—SW SAN FRANCISCO
and San Jose Road 605 NW Mt. View.
Jiachino Scialabba to whom it may
concern..... June 15, 1928
June 16, 1928—NW 12½ LOT 22 and all
Lots 20 and 21 Blk 1, Vendome Park,
San Jose. Joe Hansen to whom it
may concern..... June 15, 1928
June 16, 1928—LOT 6, Rhodes Tract,
San Jose. Guy M Latta to whom it
may concern..... June 16, 1928
June 16, 1928—LOT 26, Lincoln Manor,
San Jose. Woodson L de Bar to
whom it may concern..... June 15, 1928
June 18, 1928—NW PARK & SHASTA
Aves. San Jose. N Severson et al to
whom it may concern..... June 14, 1928
June 19, 1928—LOTS 20 AND 21 BLK
35, College Terrace, San Jose. H Van
Polen to whom it may concern.....
June 15, 1928
June 20, 1928—NW OREGON AVE
633.87 NE Cowper St. SW 45xNE 100
Pt Lot 3 Subd No. 4, Seale Tract,
San Jose. C Eulalia Stromquist to
whom it may concern..... June 18, 1928
June 21, 1928—LOT 1 Naglee Park Ex-
tension, San Jose. H A Langhoeff
et al to whom it may concern.....
June 18, 1928
June 21, 1928—N CHANNING AVE
(Pitman) and line bet. Lots 3 and 4

NE 202.49 E 50 SW 202.62 W 50 to
beg Pt Lot 4, Boyce Addition, San
Jose. Wilcolm O Berry et al to
whom it may concern..... June 15, 1928
June 20, 1928—LOTS 9 AND 10 BLK
29, College Terrace, Palo Alto.
Teres Kalmar to whom it may concern.....
June 18, 1928
June 20, 1928—LOT 11 BLK 1, Sunny-
side Addition, Mt. View. Ed Layne
et al to whom it may concern.....
June 19, 1928
June 20, 1928—NO. 1121 THE ALA-
meda, San Jose. John Ferrari et al
to whom it may concern..... June 18, 1928
June 20, 1928—NE SUNOL AND AUZ-
erais Sts., San Jose, California
Packing Corp to whom it may concern.....
June 19, 1928
June 22, 1928—SE 50 LOTS 8 AND 9
Blk 2, Evergreen Park, San Jose.
William F Brother et al to whom it
may concern..... June 21, 1928
June 22, 1928—LOT 38 BLK 4, Laums-
ter Subd of Blk 4, Seale Addition No.
7, Palo Alto. George Lanthier to
whom it may concern..... June 21, 1928
June 22, 1928—E JEFFERSON ST.
85 N Lexington St. N 40xE 83 Ptn Lot
3 Blk 2 S R 5 W, Santa Clara. H
H Slavens to whom it may concern.....
June 21, 1928
May 31, 1928—HEATING SYSTEM in
bldg. NE cor. Palm and Willow Sts.,
San Jose. Roman Catholic Archbishop
of San Francisco to whom it may
concern..... May 18, 1928
May 31, 1928—ELECTRIC WIRING on
bldg. NE cor. Palm and Willow Sts.,
San Jose. Roman Catholic Archbishop
of San Francisco to whom it may
concern..... May 18, 1928
May 31, 1928—PLUMBING on building
on NE cor. Palm and Willow Sts.,
San Jose. Roman Catholic Archbishop
of San Francisco to whom it may
concern..... May 18, 1928
May 31, 1928—BUILDING on North-
east corner Palm and Willow Sts.,
San Jose. Roman Catholic Archbishop
of San Francisco to whom it may
concern..... May 18, 1928
May 31, 1928—LOT 10 & SW 10 ft. Lot 9
Blk 9 Seale Add. No. 2, Palo Alto.
Mary S. Kelleran to whom it may
concern..... May 29, 1928
June 2, 1928—SIDEWALK, curb, gutter
etc., at Service Station cor. 2nd and
Virginia Sts., San Jose. Associated
Oil Co. to whom it may concern.....
May 26, 1928
June 4, 1928—LOT 64 BLK 22 Mont-
gomery and Rea Sub. of Cook and
Branham Addn., San Jose. Florence
M. Rogers to whom it may concern.....
June 4, 1928
June 4, 1928—W EHRHORN AVE. 140
ft. x 344.38 ft. N San Francisco and
San Jose road, San Jose. Charlotte
E. Moore to whom it may concern.....
May 28, 1928
June 4, 1928—GRADING for additional
track at Santa Clara. Southern Pa-
cific Co. to whom it may concern.....
May 28, 1928

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 15, 1928—N HAWTHORNE AVE
and line bet. Lots 11 and 12, Altos
Acre also N Hawthorne Ave 96 W
line bet. Lots 11 and 12 Ptn Lots 11
and 12, Altos Acres. The Minton Co
vs Grace S Tuller.....\$52.40
June 15, 1928—HILLVIEW AVE. 73x
100, San Jose. Ellison Anderson vs
Grace S Fuller.....\$1359.93
June 16, 1928—NW SIXTH & SANTA
Clara Sts., San Jose. W H Picard
\$14,358.66; M E Ryan, \$3554.95 vs San
Jose Medico-Dental Bldg Co.....
June 16, 1928—HILLVIEW AVE. 73x
100, Altos Acres. A A Weseman vs
Grace S Fuller.....\$187
June 18, 1928—HILLVIEW AVE LOT
12, 73x100, Altos Acres. Frank Prit-
chett vs Grace S Fuller.....\$88.50
June 18, 1928—LOT 13 BLK 6, Garliepp
Subd. Mt. View. William H Smith
vs Manuel George.....\$22
June 18, 1928—INTER ALMADEN RD
and Lincoln Ave N 150 E 100 S to
beg., San Jose. M L Doane et al vs
P M Kulish.....\$201.35
June 20, 1928—LOT 27 BLK 4, Lincoln
Gates, San Jose. Henry Cowell Lime
& Cement Co, \$509.97; S H Chase
Lumber Co, \$342.90 vs A W Maderls.
June 20, 1928—N SAN CARLOS ST.
73.34 W Boston Ave., San Jose. J A
Roberts vs Costantino Maggli.....\$65

Los Angeles, Calif.

wner, Earl Long, 1544 48th St., Sacramento.

ENCE and garage, 5-room, \$3500; 18 8th Ave., Sacramento; owner, Realty Co., 1009 8th St., Sacramento.

ENCE and garage, 5-room, \$4600; 112th St., Sacramento; owner, F. Ripley, 2112 I St., Sacramento; tractor, J. E. Burnett.

ENCE and garage, 6-room, \$5000; 88 U St., Sacramento; owner, I. Gidice, 528 T St., Sacramento; contractor, M. G. Burnside, 2000 Y St., Sacramento.

ENCE and garage, \$5750; 2240 Markham Way, Sacramento; owner, W. B. Ladue, 2319 O St., Sacramento.

RESIDENCE and garage, 8-room, \$14,000; 1035 45th St., Sacramento; owner, W. D. Henry, Ochsner Bldg., Sacramento; contractor, G. E. Harvil, 2212 T St., Sacramento.

RESIDENCE and garage, 9-room, \$10,000; 1340 45th St., Sacramento; owner, G. E. Harvie, 2212 T St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
June 22, 1928—LOT 31 RIDGEWOOD, Sacramento. J. M. Bobick to whom it may concern.....	June 22, 1928
June 22, 1928—LOT 89 BLVD. TERRACE. Adaline M. and O. N. Halset to whom it may concern.....	June 15, 1928
June 25, 1928—LOT 26 RIDGEWOOD, Sacramento. C. H. Nielsen to whom it may concern.....	June 23, 1928
June 25, 1928—LOT 31 RIDGEWOOD. J. M. and Anna N. Bobick to whom it may concern.....	June 25, 1928

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
June 22, 1928—LOT 23 J STREET SUB. Tract No. 4. Kennys Inc. vs Wm. A. Bruton and F. L. Fisher. \$1,050.95	

with interest from June 18, 1928; \$125 atty. fees and \$16.80 costs.
June 25, 1928—N $\frac{1}{4}$ LOT 1-V and W 22nd and 23rd Sts., Sacramento. R. P. Shorrock and A. H. Smith (as Shorrock-Smith Hdw. Co.) vs Geo. H. Bergh.....\$77.
June 21, 1928—LOT 1476 W. & K. Tct., Sacramento. Valley Brick Co vs Chas E Orwig\$20

BUILDING CONTRACTS

FRESNO COUNTY

RECORDED

ADDITION
NO. 1124 FULTON ST., Fresno. All work for additional story to building. Owner—S. H. Kress & Co., Premises. Architect—None.
Contractor—Felchlin, Shaw & Franklin T. W. Patterson Bldg., Fresno.
Filed June 20, '28. Dated June 12, '28.
Monthly payments of 75¢
Usual 35 days..... 25¢

TOTAL COST, \$40,000
Bond, \$20,000. Surety, Fidelity & Casualty Co. of New York. Limit, August 31, 1928. Forfeit, \$50 per day. Plans and specifications, none.

BUILDING PERMITS

FRESNO

ALTERATIONS and additions, \$1000; No. 3721 Platt Ave., Fresno; owner, Edna J. Madden, Premises.
GRADER House, \$1500; H & San Benit Sts., Fresno; owner, Memorie Fruit Corp., H and San Benito Sts., Fresno
DWELLING, \$3000; 804 Clinton Ave., Fresno; owner, Elizabeth Lewis; contractor, Geo. M. Holland, 511 Yale Fresno.

See Fresno Completion Notices and Liens Filed on page 17.

PERMITS

SACRAMENTO

5-room and garage, \$3500; 668 Harkness Way, Sacramento; owner, Mendes Bros., 1311 N St., Sacramento; contractor, M. Valine, 1215 $\frac{1}{2}$ T St., Sacramento.
RESIDENCE, 5-room and garage, \$4500; No. 710 47th St., Sacramento; owner, L. F. Gould, 1623 Q St., Sacramento.
RESIDENCE, 5-room and garage, \$4600; No. 1816 Commercial Way, Sacramento; owner, John Monteldo, 2408 19th St., Sacramento.
GENERAL repairs, \$1800; No. 506 J St., Sacramento; owner, Morris Levy, 501 K St., Sacramento.
RESIDENCE, 5-room and garage, \$4000; No. 1021 Howell Ave., Sacramento; owner, Harry P. Jensen, 3733 Miller Way, Sacramento.
GENERAL repairs, \$8000; No. 1011 28th St., Sacramento; owner, Anchor Bakery, Premises; contractor, Holdener Constr. Co., 2608 R St., Sacramento.
RESIDENCE and garage, 6-room, \$4000; 2457 Montgomery Way, Sacramento;

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

547 MISSION STREET

SAN FRANCISCO

Phone Franklin 9400

FRED H. BOGGS INSURANCE 490 GEARY STREET

SAN FRANCISCO

Member

Insurance Brokers Exchange

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

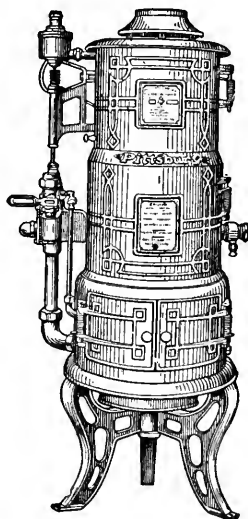
Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VARNEVELD AVE.

Mission 901-902-903-904

San Francisco



A "Pittsburg" Automatic Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

"BUNGALOW AUTOMATIC"

STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street

OAKLAND

478 Sutter Street

SAN FRANCISCO

SEND FOR CATALOGS

